

public agenda

Regular Board Meeting

October 11, 2016
12:00 p.m.

Multipurpose Room,
Education Centre
1221 8 Street SW,
Calgary, AB

R-1: Mission |

Each student, in keeping with his or her individual abilities and gifts, will complete high school with a foundation of learning necessary to thrive in life, work and continued learning.

Conflict of Interest reminder: Trustees must disclose any potential pecuniary interest in any matter before the Board of Trustees, as set forth in the agenda as well as any pecuniary interest in any contract before the Board requiring the Board's approval and/or ratification.

Time	Topic	Who	Policy Ref	Attachment
12:00 p.m.	1 Call to Order, National Anthem and Welcome			
	2 Consideration/Approval of Agenda		GC-2	
	3 Awards and Recognitions		GC-3	
	3.1 CBE Legacy Award		GC-3	
	4 Results Focus			
60 mins	4.1 Board Development Session – School Development Planning	D. Stevenson	OE-8	
10 mins	4.2 2016-17 Student Enrollment Summary	D. Stevenson	OE-5,8,9,12	Page 4-1
	5 Operational Expectations			
20 min	5.1 OE-3: Treatment of Owners – Annual Monitoring	Board	OE-3, 8 B/CSR-5	(Oct. 4/16 Page 5-1)
Max 20 mins	6 Public Comment [PDF]		GC-3.2	
	Requirements as outlined in Board Meeting Procedures			
	7 Matters Reserved for Board Action	Board	GC-3	



Time	Topic	Who	Policy Ref	Attachment	
	8 Consent Agenda	Board	GC-2.6		
	8.1 Approval of Minutes				
	<ul style="list-style-type: none"> ▪ Regular Meeting held September 27, 2016 (<i>THAT the Board approves the minutes of the Regular Meeting held September 27, 2016</i>) 				
	8.2 Items Provided for Board Information			OE-8	
	8.2.1 Correspondence				Page 8-43
	8.2.2 Chief Superintendent's Update			B/CSR-5, OE-8	Page 8-38
	8.2.3 Construction Projects Status Update			OE-8, 12	Page 8-5
	8.2.4 Confirmation, Agenda Planning Decision			OE-9	Page 8-1
	8.2.5 Summary of the 2015-16 Provincial Achievement Tests and Diploma Examination Reports			OE-8	Late distribution
3:00 p.m.	9 Adjournment				
	Debrief	Trustees	GC-2.3		

Notice |

This public Board meeting will be recorded & posted online.
Media may also attend these meetings.
You may appear in media coverage.

Archives will be available for a period of two years.
Information is collected under the authority of the School Act and the Freedom of Information and Protection of Privacy Act section 33(c) for the purpose of informing the public.

For questions or concerns, please contact:
Office of the Corporate Secretary at corpsec@cbe.ab.ca.



School Development Planning

Board Development
Session
October 11, 2016

learning | **as unique** | as every student

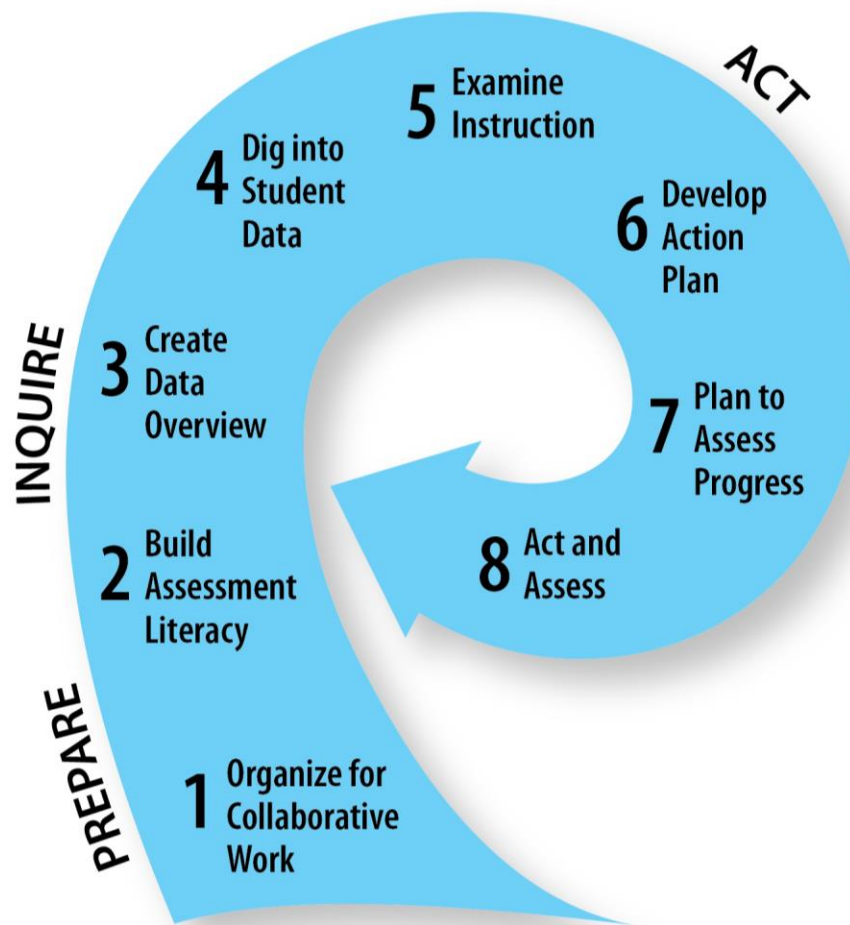


Calgary Board
of Education



Purpose

- To improve student achievement
- To identify gaps in student learning
- To focus our professional learning
- To provide accountability

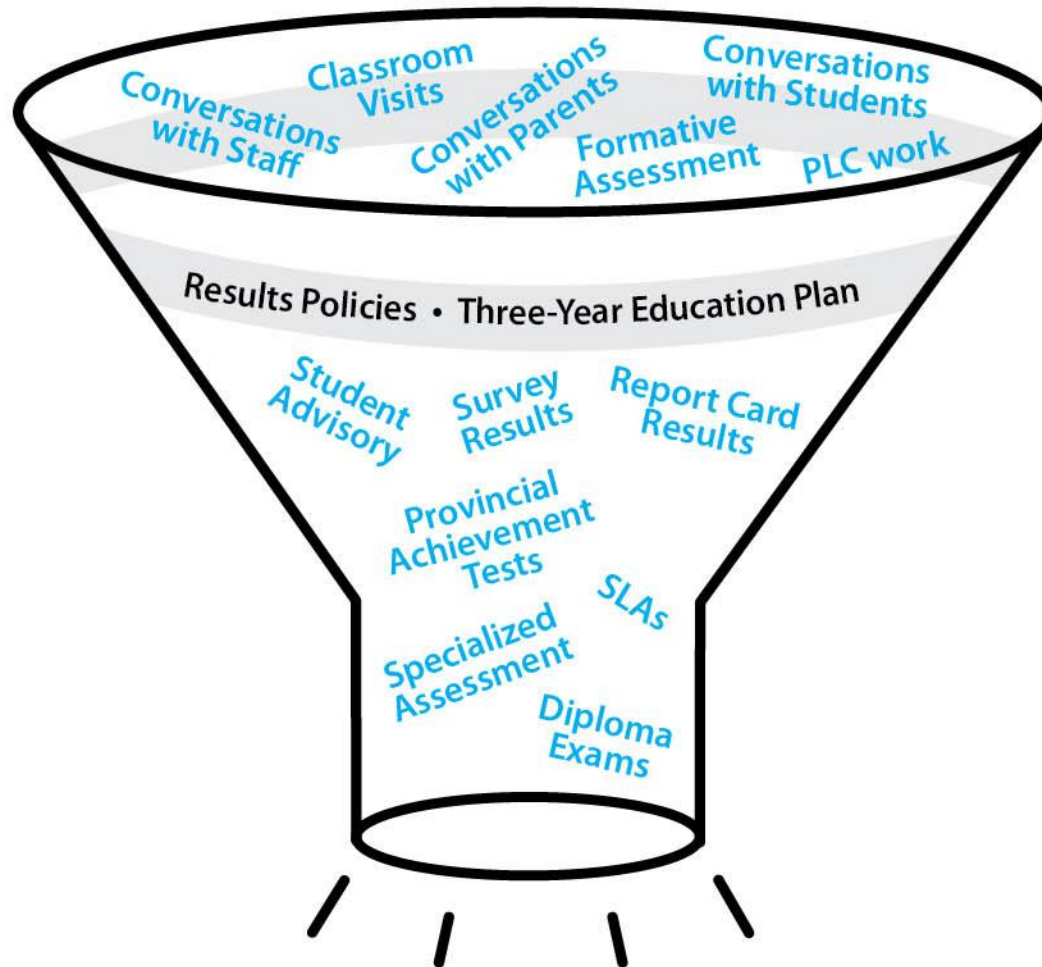


Analysis and Impact from specific to general

Alberta



Analysis and Impact from general to specific



Considerations in developing the School Development Plan

School Development Plan

Goals	Strategies & Actions	Measures	Performance Targets
Achievement Goals	Strategies	Measures	Targets
Instructional Goals	Strategies	Measures	Targets

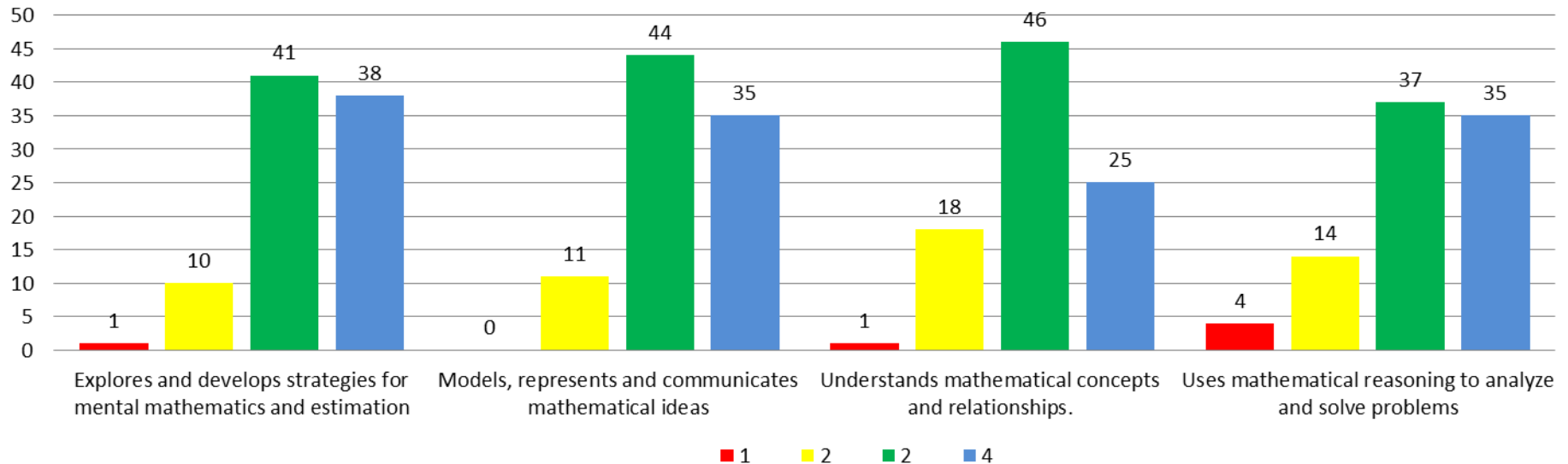
School Development Plan

**Moving
From**

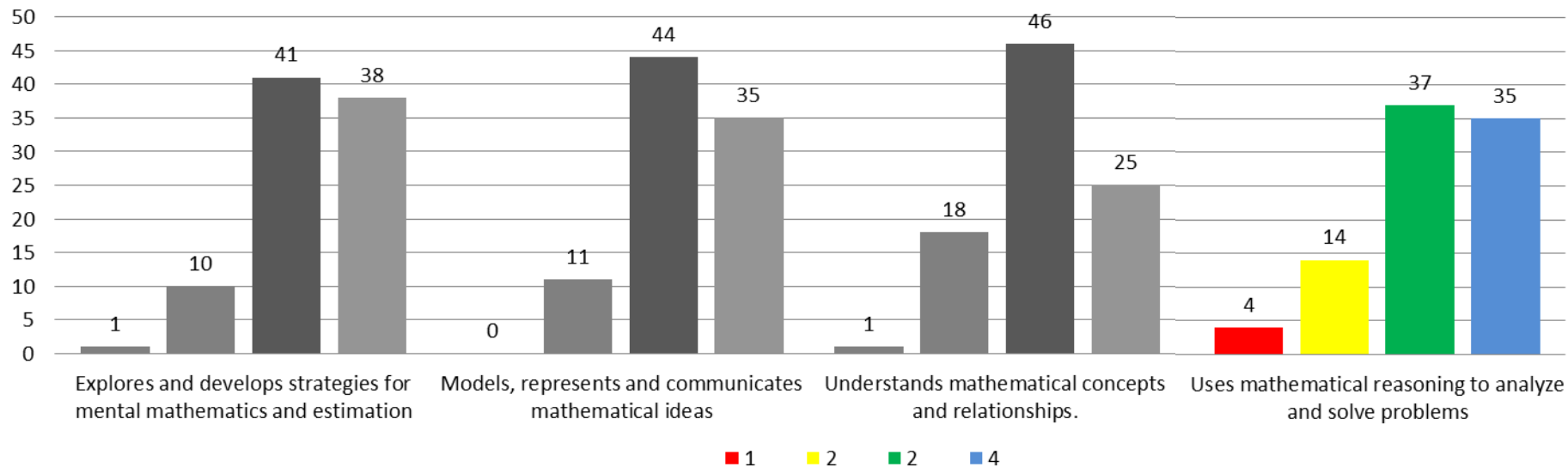


**Moving
To**

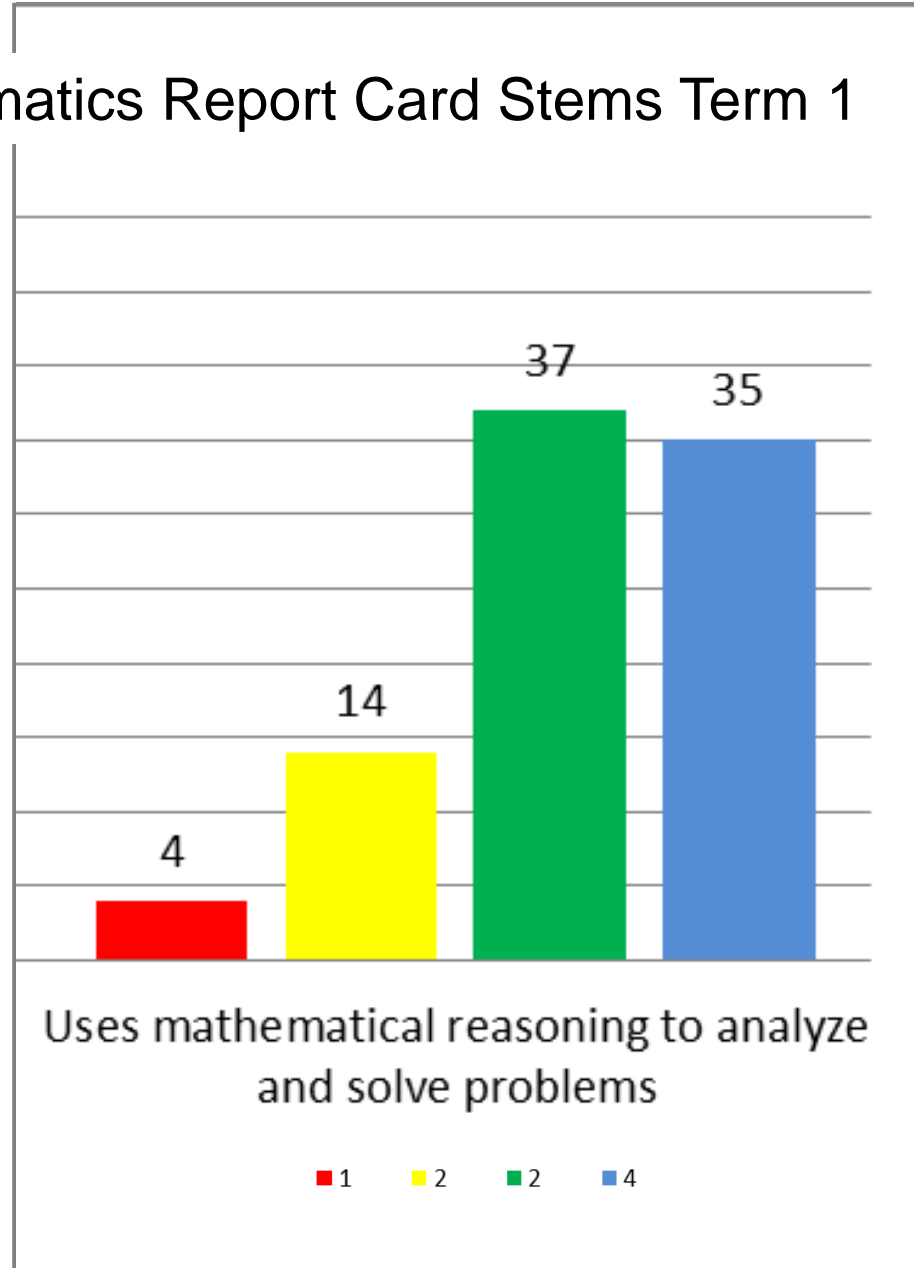
Grade 6 Mathematics Report Card Stems Term 1



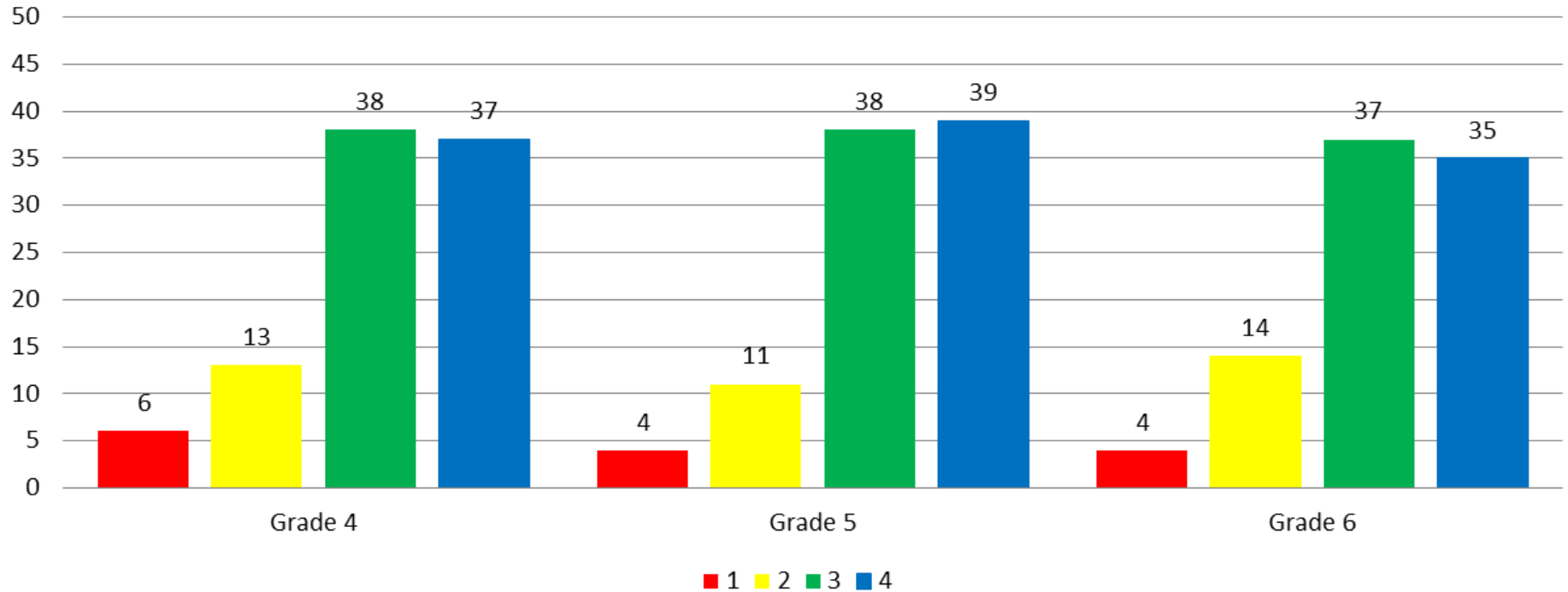
Grade 6 Mathematics Report Card Stems Term 1



Grade 6 Mathematics Report Card Stems Term 1



Uses mathematical reasoning to analyze and solve problems Term 1



Grade 6 Mathematics Achievement Test School Report 2014 - 2015

Reporting Category	School	Province
Acceptable standard	80%	83.9%
Standard of Excellence	12.3%	18.2%
Below Acceptable standard	20%	16.1%

Program of Study Outcomes

School identified areas for growth in Grade 6 Mathematics	
Percentage of correct responses.	
Solve a problem involving the multiplication of whole numbers and decimal.	41%
Apply knowledge of the order of operations to identify an expression that represents the solution to a given problem.	45%

School Development Plan

Goals	Strategies & Actions	Measures	Performance Targets
-------	-------------------------	----------	------------------------

**Moving
From**



**Moving
To**

This is where students are

Where are students moving to

Theory of Action:**If (Instructional Goal)..... Then... (Achievement Goal).....**

School Development Plan

Goals	Strategies & Actions	Measures	Performance Targets
Achievement Goals	Strategies	Measures	Targets

If we expose students to multiple strategies to solve mathematical problems **then** they will be able to select and apply the most effective strategy to reach an accurate solution to increasingly complex problems which will increase the student's performance in the area of mathematical reasoning to analyze and solve problems.

School Development Plan

Goals	Strategies & Actions	Measures	Performance Targets
-------	-------------------------	----------	------------------------

**Moving
From**



**Moving
To**

This is where students are

Where are students moving to

If we expose students to multiple strategies to solve mathematical problems **then** they will be able to select and apply the most effective strategy to reach an accurate solution to increasingly complex problems which will increase the student's performance in the area of mathematical reasoning to analyze and solve problems.

School Development Plan

Goals	Strategies & Actions	Measures	Performance Targets
Achievement Goals	Strategies	Measures	Targets



Multiple Strategies



Significant – 1 example



Report Card data



PAT improvement on specific strand

Grade 5 Patterning Unit – Word Problem PLC
- May to June Task)

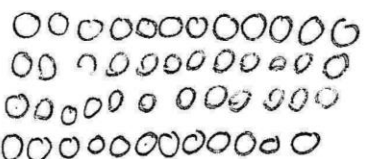
The task for this PLC is to demonstrate a students understanding in the Patterns & Equations Unit for grade 5. We will be focusing our understanding around word problems and analytical thinking using mathematical reasoning. Program of studies stems are:

- 1. Determine the pattern rule to make predictions about subsequent elements.**
- 2. Express a given problem as an equation in which a letter variable is used to represent an unknown number (limited to whole numbers).**
- 3. Solve problems involving single-variable, one-step equations with whole number coefficients and whole number solutions.**

You are in charge of planting the grade 5 portion of the school garden. You need to create straight rows that have 1 dozen seeds each that are evenly spaced.

- a) How many seeds will you need in total?
- b) How many would you need for six rows?

MaKa

✓ a)  48 seeds

✓ b)  24 seeds + 48 seeds

$$\begin{array}{r} 24 \\ + 48 \\ \hline = 72 \end{array}$$
 72 seeds





You are in charge of planting the grade 5 portion of the school garden. You need to create straight rows that have 1 dozen seeds each that are evenly spaced.

- How many seeds will you need in total?
- How many would you need for six rows?

Maya

$$\checkmark a) \begin{array}{r} +12 \\ +12 \\ +12 \\ \hline = 48 \end{array} \quad - 4 \times 12 = 48$$

$$\checkmark b) \begin{array}{r} 12 \\ +12 \\ \hline = 24 \end{array} \quad \begin{array}{r} 1 \\ 24 \\ +48 \\ \hline = 72 \end{array}$$

How many seeds
would there be
if there were
10 rows?

$$10 \times 12 = 120 \text{ seeds}$$

There is 72 seeds altogether.

You are in charge of planting the grade 5 portion of the school garden. You need to create straight rows that have 1 dozen seeds each that are evenly spaced.

- How many seeds will you need in total?
- How many would you need for six rows?

Maya

Rows	Seeds
1	12)12
2	24)12
3	36)12
4	48)12
5	60)12
6	72)12

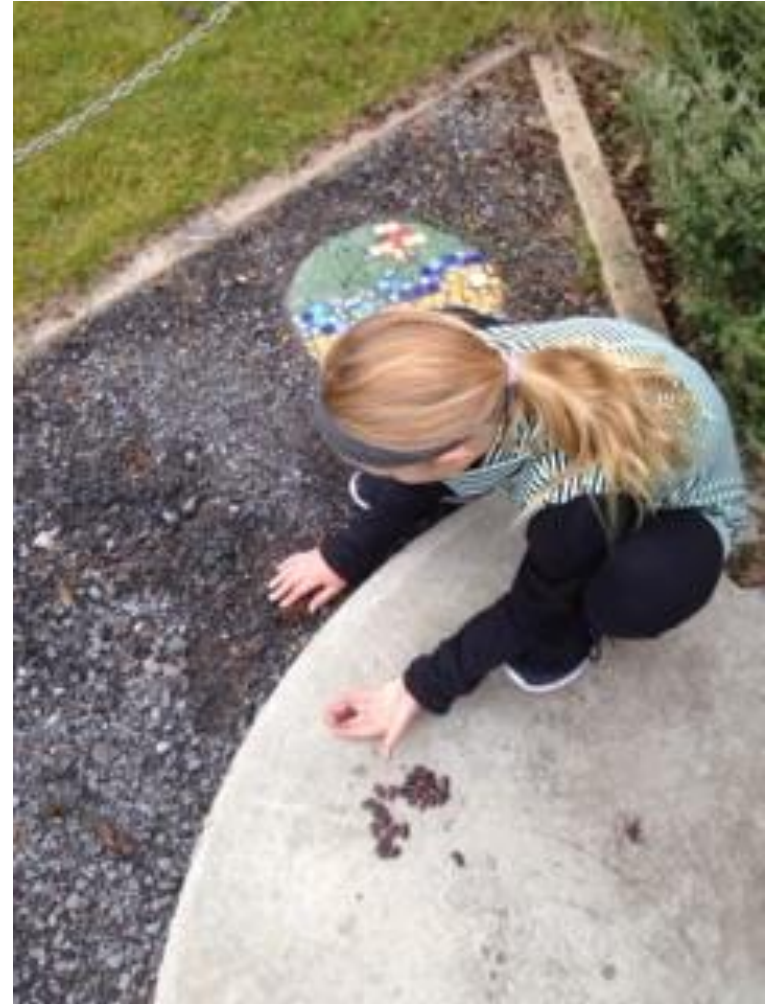
The Pattern rule: Plus 12 each time.

I can use variable each time to get my answer.

How many would row 7 have?

$$4) A \times 12 = \text{---} \cdot 7 \times 12 = 84$$

There would be 84 seeds in row 7.



In order for the seeds to grow, the garden will need to be watered 25 mL per week. How much water will be used over 8 weeks?

Maya

Week	ML
1	25
2	50
3	75
4	100
5	125
6	150
7	175
8	200

OR $25 \times 8 = \underline{\quad}$

$25 \times 8 = 200$

How did you find making a t-table helpful?

It will take 200 ML of water.

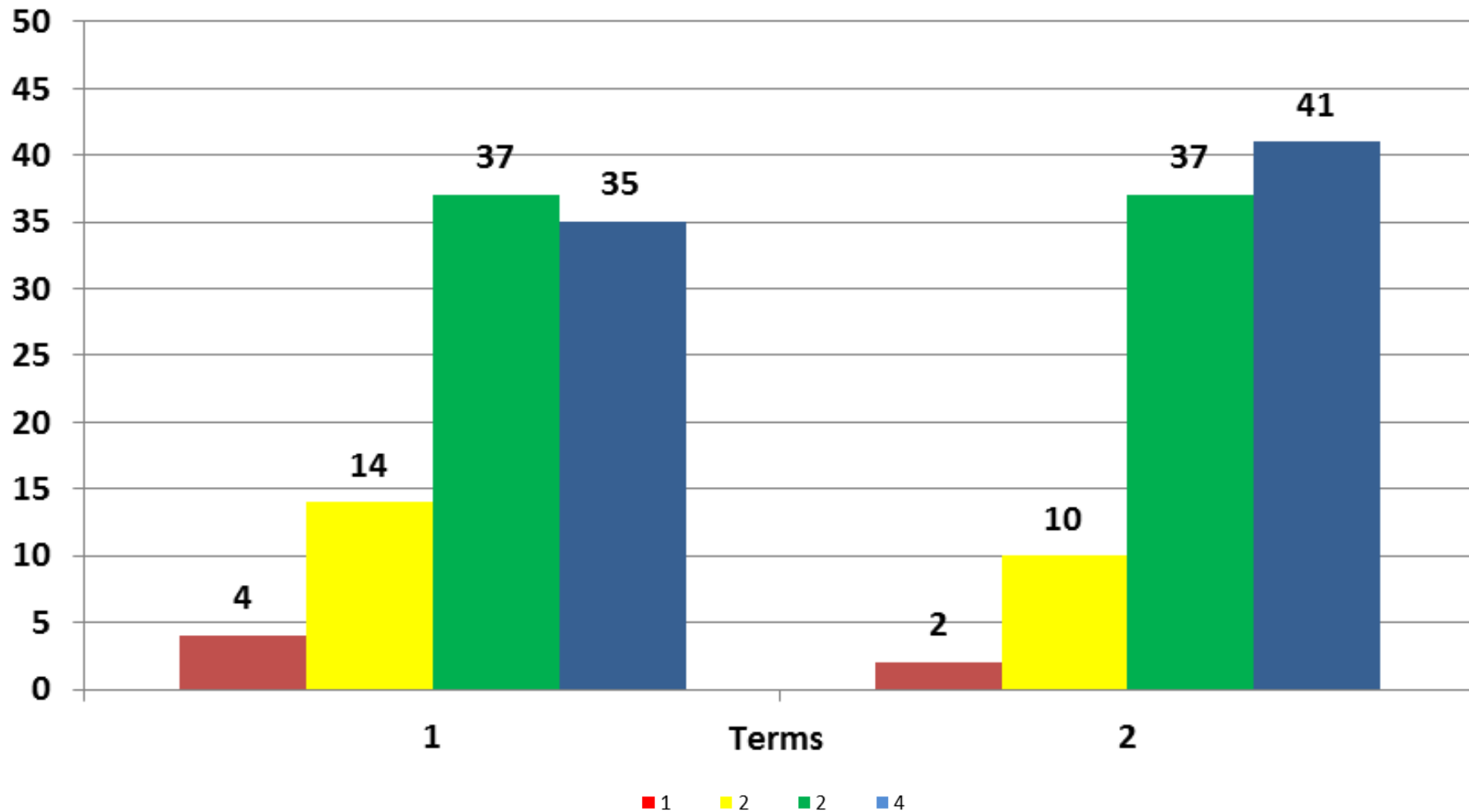
Excellent! Can you come up with your own word problem using the same strategy?

Maya and Olivia go to the mall every week. Every week they get 15 clothes each. How many clothes will they have after 6 weeks?

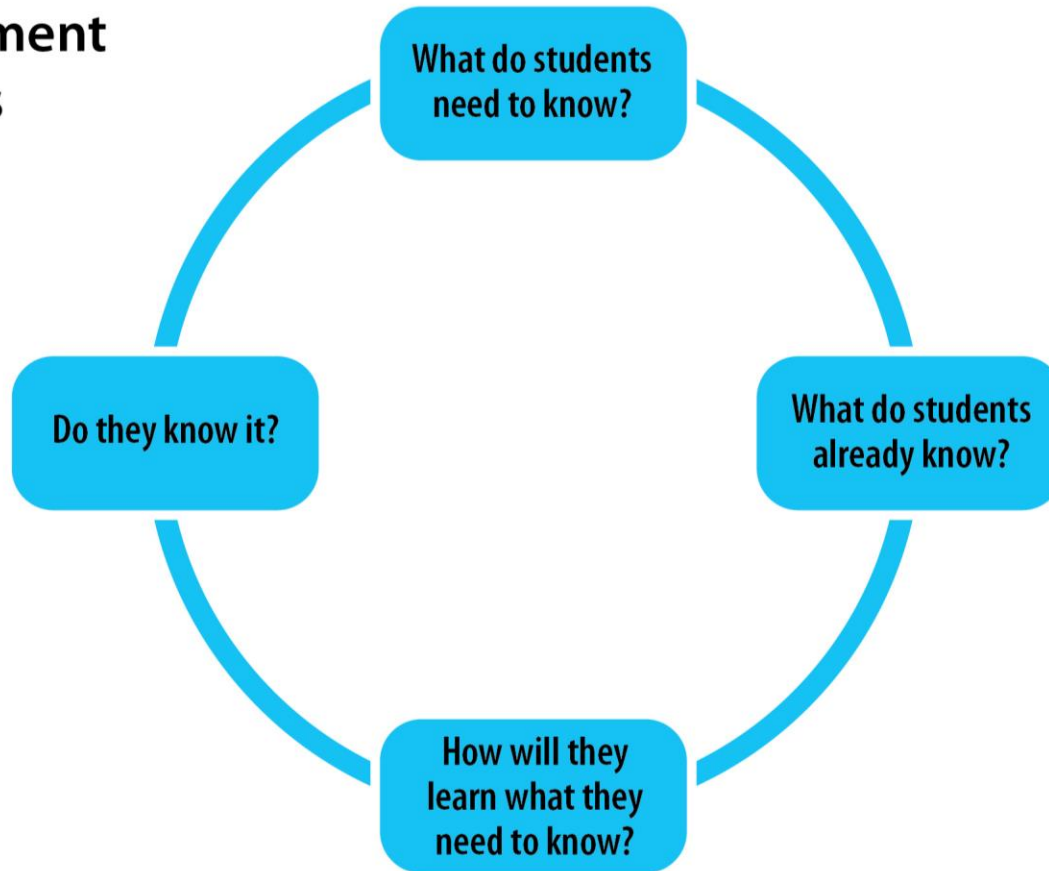
After 6 weeks they $M \times$ is $= \underline{\quad}$. OR
will have 90 clothes altogether.

Weeks	Clothes
1	15
2	30
3	45
4	60
5	75
6	90

Uses mathematical reasoning to analyse and solve problems Grade 6

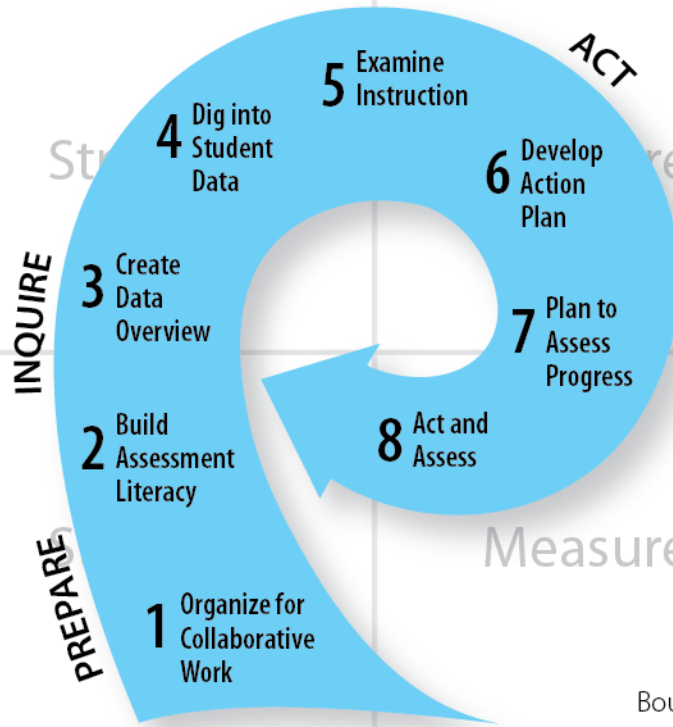


Learning and Assessment Process



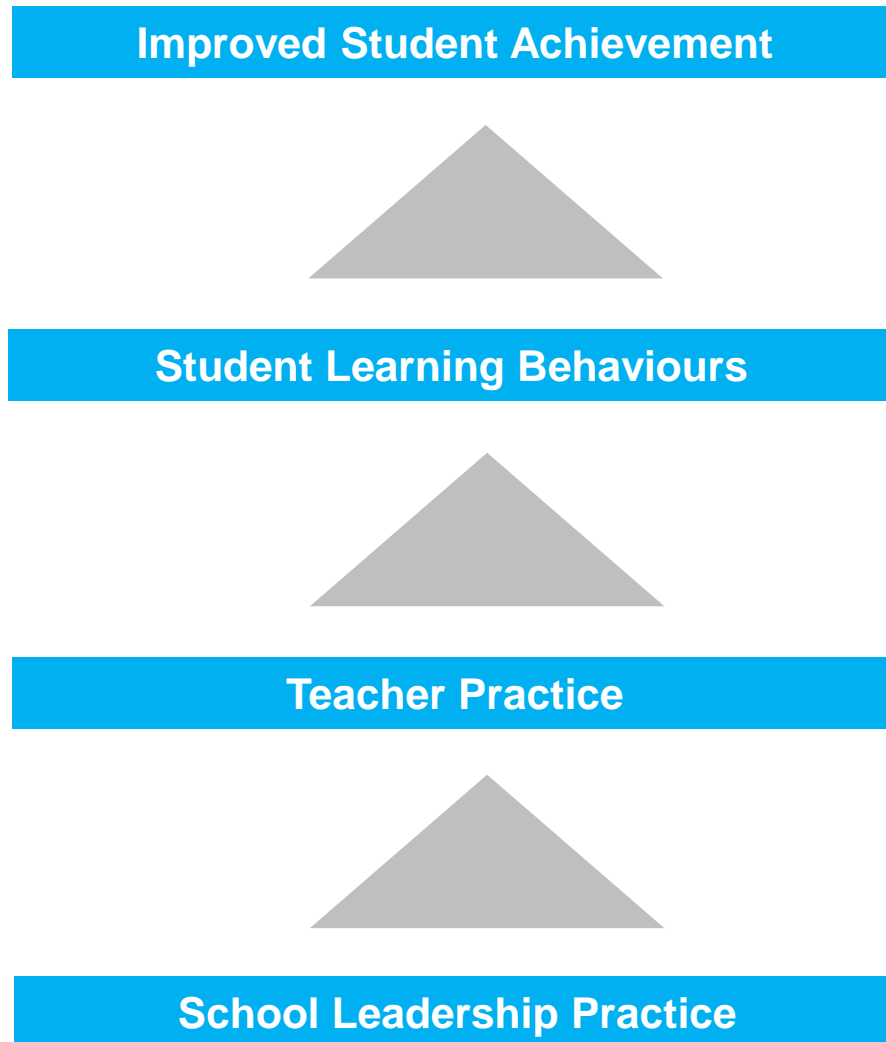
School Development Plan

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Instructional Goals	Strategies & Actions	Measures	Targets



Boudett, City & Murnane (2006)

School Development Plan: Impact Model



learning | **as unique** | as every student



**Calgary Board
of Education**

report to Board of Trustees

2016-2017 Student Enrolment Summary

Date	October 11, 2016
Meeting Type	Regular Meeting, Public Agenda
To	Board of Trustees
From	David Stevenson Chief Superintendent of Schools
Purpose	Information
Originator	Dany Breton, Superintendent, Facilities & Environmental Services
Governance Policy Reference	Operational Expectations OE-5: Financial Planning OE-8: Communication With and Support for the Board OE-9: Communication with the Public OE-12: Facilities
Resource Person(s)	Carrie Edwards, Director, Planning & Transportation Anne Trombley, Manager, Planning Lori Walsh, System Assistant Principal, SIRS

1 | Recommendation

It is recommended:

- THAT the Board of Trustees receives the report on September 30, 2016 student enrolment for information.

2 | Issue

There is a need to provide, in a timely manner, September 30th student enrolment information to the Board of Trustees and administration within the Calgary Board of Education.



3 | Background

The purpose of this report is to provide a student enrolment summary in advance of the detailed School Enrolment Report.

The 2016-2017 School Enrolment Report will be presented on or about November 29, 2016 and it will contain the following detailed information which is not possible to have available by October 11th:

- number of students enrolled in each school, by grade and program, including alternative programs, special education programs and system classes, as well as the number of out of attendance area students enrolled in each school as of September 30th in the current school year;
- provincial capacity of each school, including the number of modular classrooms;
- utilization rate of each school facility, not including lease exemptions;
- utilization rate, including lease exemptions as of September 30th, for each school building;
- amount of surplus space available for leasing but not yet leased; and
- list of the leases and amount of space leased, for each building.

4 | Analysis

Provision of this enrolment summary, in advance of the detailed School Enrolment Report, may result in minor discrepancies in reported enrolment between the two reports. These minor discrepancies can be due to factors such as duplicate registrations and other anomalies that were not resolved prior to the September 30th enrolment count. These discrepancies, if any, will become apparent as a detailed examination of the September 30th enrolment data occurs between now and the completion of the School Enrolment Report.

Table 1 provides a comparison of actual September 30, 2016 student enrolment to the district enrolment projection:

TABLE 1: Comparison of September 30 Enrolment to Projected Enrolment

	September 30, 2016 Enrolment	2016 Projected Enrolment	Difference
Pre-Kindergarten	174	230	-56
Kindergarten	9,124	8,892	232
Grades 1-3	29,408	29,318	90
Grades 4-6	25,714	25,627	87
Grades 7-9	23,292	23,177	115
Grades 10-12	26,442	26,111	331
Sub-Total (Pre-K to GR12)	114,154	113,355	799
Home Education	249	276	-27
Outreach Programs	1,337	1,355	-18
Unique Settings	729	691	38
CBe-learn	459	625	-166
Chinook Learning Services	2,219	2,378	-159
Total	119,147	118,679	468

Note: Totals may not add due to rounding

Total student enrolment, as of September 30, 2016, was 119,147 students, including CBe-learn and Chinook Learning Services. Enrolment is above the district enrolment projection by 468 students.

Table 2 provides a comparison of enrolment from September 30, 2015 to September 30, 2016.

TABLE 2: Comparison of September 30, 2015 to September 30, 2016

	September 30, 2015	September 30, 2016	Difference
Pre-Kindergarten	180	174	-6
Kindergarten	9,209	9,124	-85
Grades 1-3	28,888	29,408	520
Grades 4-6	24,441	25,714	1,273
Grades 7-9	22,624	23,292	668
Grades 10-12	26,375	26,442	67
Sub-Total (Pre-K to GR12)	111,717	114,154	2,437
Home Education	270	249	-21
Outreach Programs	1,384	1,337	-47
Unique Settings	676	729	53
CBe-learn	611	459	-152
Chinook Learning Services	2,327	2,219	-108
Total	116,985	119,147	2,162

Enrolment increased by 2,162 students over the previous year's enrolment. The most significant increases occurred at Grades 1-3 (520 students) and Grades 4-6 (1,273 students) and Grades 7-9 (668).

5 | Financial Impact

The financial impact will be reported in the first quarter financial report to the Board of Trustees.

6 | Conclusion

This report provides timely information to the Board of Trustees regarding the September 30, 2016 enrolment in the Calgary Board of Education.



DAVID STEVENSON
CHIEF SUPERINTENDENT OF SCHOOLS

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Results: These are our statements of outcomes for each student in our district. The Results policies become the Chief Superintendent's and the organization's performance targets and form the basis for judging organization and Chief Superintendent performance.

report to Board of Trustees

Correspondence

Date	October 11, 2016
Meeting Type	Regular Meeting, Public Agenda
To	Board of Trustees
From	Janice R. Barkway Office of the Corporate Secretary
Purpose	Information
Governance Policy Reference	Operational Expectations OE-8: Communication With and Support for the Board

1 | Recommendation

The following correspondence is being provided to the Board for information:

- Letter dated September 7, 2016 from Hon. D. Eggen, Minister of Education, to the Chair acknowledging the Board's August 17, 2016 letter re inclement weather delaying school construction and resulting mitigation strategies for Buffalo Rubbing Stone, Peter Lougheed and Auburn Bay schools.

Attachments: Relevant Correspondence





Office of the Minister



AR95471

SEP - 7 2016

Ms. Joy Bowen-Eyre
Board Chair
Calgary Board of Education
1221 - 8 Street SW
Calgary AB T2R 0L4

Dear Ms. Bowen-Eyre:

Thank you for your August 17, 2016 letter regarding the completion dates of Buffalo Rubbing Stone, Peter Lougheed and Auburn Bay schools.

It is unfortunate that the inclement weather in Calgary has made it difficult to meet the construction deadlines for these three projects. I commend your board for its foresight in creating and implementing contingency plans for the schools, where applicable, and for communicating information to parents in a timely manner.

I appreciate being informed about the progress of these projects. I trust that your mitigation strategies will ensure that students have a successful start to the new school year despite the weather's impact on the completion of their schools.

Best wishes as you continue to prepare for the upcoming year.

Sincerely,

David Eggen
Minister

cc: Honourable Brian Mason
Minister of Infrastructure

**report to
Board of Trustees**

Chief Superintendent's Update

Date | October 11, 2016

Meeting Type | Regular Meeting, Public Agenda

To | Board of Trustees

From | David Stevenson,
Chief Superintendent of Schools

Purpose | Information

Governance Policy | Operational Expectations
Reference | OE-8: Communication With and Support for the Board

1 | Recommendation

This report is being provided for the information of the Board. No decision is required at this time.

2 | Issue

As the Board of Trustees' chief executive officer, the Chief Superintendent is accountable for meeting the expectations set by the Board. These expectations are stated in Results and Operational Expectations policies.

OE-8: Communication With and Support for the Board requires that "the Board is supported in its work and is fully and adequately informed about matters relating to Board work and significant organizational concern." With other reports submitted to the Board of Trustees, this update meets the requirement of OE-8 for the provision of information in a timely, simple and concise form.

Personalize Learning

Student Assessment

Iris is a web-based tool used system-wide to support learners within and between learning communities. Iris was designed by CBE teachers to support the personalization of learning.

After conversations with teachers and principals, all students, teachers and administrators now have access to Iris. Access to Iris allows school communities to consider the possibilities this digital platform might provide in terms of students reflecting upon and sharing who they are as learners; teachers gathering, documenting and acting upon insights into each learner; and professional collaboration.

Build Professional Capital

High School Success

We continue to action recommendations from the review of the CBE High School Success Strategy. School design teams from a variety of disciplines will attend six half-day sessions throughout the school year concentrating on task design. The focus will be on leadership in instructional design and current research/practices including our CBE organizational foundations. High school principals meet on a regular basis to discuss their school-based data and further their learning about data mining and how to action current research in high school success.

Professional learning experiences for teachers from similar subject/ discipline groups have been created that include targeted discussions about instructional design, networking and partnerships. These intentional learning opportunities for staff support high school redesign and our three-year education plan.

International education

CBE hosted an administrative delegation from Besançon, France. This strong partnership is an example of how the CBE engages with our international stakeholders. To date the Besançon-CBE partnership has helped to build student success in learning languages through multiple exchange opportunities. Another key goal of the partnership is creating opportunities for students to build cross-cultural understandings as they become global citizens. This partnership is widely regarded as the model for international partnership.

Student-centered leadership

Learning, in collaboration with Leadership & Learning, offered the first of a five-part learning series entitled: *Student-centered leadership to improve engagement, well-being and achievement of Aboriginal learners*. This series builds on one that was offered last year and is designed to build knowledge and understanding about, through and from Indigenous histories, cultures and languages. Seventy-three staff members applied to be part of this learning opportunity, including many who

returned to enhance and deepen their understanding. This experience strengthened professional networks and staff members' knowledge and understanding. The professional learning series is supported by the Galileo Educational Network and Indigenous Elders leaders and scholars will share their wisdom.

Writing on Stone Provincial Park

The Learning Service unit, alongside Blackfoot Elder Randy Bottle, facilitated a learning opportunity for key staff involved in Indigenous education work in the district. Senior leadership and members of a working group of principals and assistant principals who were instrumental in writing solution requirements as part of our Indigenous strategy were invited. Elder Randy Bottle led a learning journey at Áísinaí'pi National Historic Site/Writing on Stone Provincial Park, traditional land for Blackfoot peoples. The Milk River valley contains the largest concentration of First Nation petroglyphs and pictographs on the plains of North America.

Engage Our Public

Acknowledgment of the Land

Métis and First Nations Elders who offer guidance and teachings to our Chief Superintendent of Schools as part of the Elder advisory council have taught us that it is important to acknowledge the land where we gather and the first peoples who traditionally lived here. Doing so shows respect for people, their contributions and their ways of knowing, which are reflected through the stories and songs that have lived on this land for thousands of years. The acknowledgement is spoken at the beginning of every important gathering and celebration in the CBE. Each school has received an acknowledging the land poster depicting images of the traditional Blackfoot land on which we gather and will make it visible to each student, parent and community member.

SchoolMessenger and CASL Subscription

The CBE introduced SchoolMessenger (a system-wide tool to help schools and service units communicate with parents by phone, email, and text message) last year. Since the start of the 2016-17 school year, the system has delivered 860,000 emails, phone calls, and SMS messages to parents, including news and announcements from schools, emergency communication, absence notifications, and system-wide messages. The response from schools and parents has been positive.

As of Oct. 1, parents must subscribe online if they want to continue to receive "commercial electronic messages" as defined by Canada's Anti-Spam Legislation (CASL). This includes electronic messages on topics such as picture days, student fees, field trip costs, yearbooks, fun lunches and fundraisers.

As of Sept. 28, over 62,000 parents have subscribed to receive these important messages. Information about CASL and subscribing to SchoolMessenger is

available on our corporate website and has been made available to all schools. Parents can subscribe at any time at cbe.ab.ca/subscribe.

Engagement with Schools Impacted by New School Openings

New schools opening in the 2016-17 school year will create additional space in some existing schools and result in future changes for some of our schools. Engagement is happening throughout the fall with parents, students, staff and the community on how the CBE can utilize these spaces to support student learning.

The affected school communities will have opportunities to provide feedback on options being considered. There are ongoing meetings and discussions with school principals and with two Community Advisory Groups that have been formed, one for Area I and II and one for Area V.

In addition, there will be multiple opportunities for all parents, students and community members at the affected schools to be involved. They can provide feedback at school-based discussions in October and will also be invited to complete an online survey. The input and feedback we gather through these activities will influence the recommendations that are presented to the public at open houses in December.

The CBE anticipates communicating plans for the sustainable use of learning space across our system by March 2017. Plans may be implemented for the 2017-18 school year or later.

Detailed information about the engagement opportunities is available on the website at cbe.ab.ca/dialogue.

Steward Our Resources

Buffalo Rubbing Stone School Open in Panorama Hills

On September 26, the Calgary Board of Education opened the last of eight new schools scheduled for September 2016. The most recent addition, named Buffalo Rubbing Stone School, is located in Panorama Hills and brings the total number of CBE schools to 242.

This Kindergarten to Grade 4 school welcomed approximately 450 students on opening day, each of whom will now benefit from a facility designed to maximize their learning experience. Providing a community school close to where our students live fulfills an important need expressed to the CBE by Calgarians. All of the new schools the CBE has opened this September have seen very strong enrolment numbers and generated tremendous community interest.

During the first three weeks of the 2016-2017 school year, the students of Buffalo Rubbing Stone School were temporarily accommodated utilizing the "school within a school" model at Alex Munro School and Panorama Hills School. This model allowed students and staff of Buffalo Rubbing Stone School to immediately begin to bond with their fellow Buffalo Rubbing Stone School classmates and educators

within the two host schools during those very important first few weeks of school. Then on September 26 the entire school was seamlessly “lifted and shifted” out of the host schools and placed within the new school. While completely transparent to students, such a smooth transition was only possible thanks to the hard work of many CBE personnel which is a testament to our employees and their total dedication to students. The tremendous reception the Buffalo Rubbing Stone School students received during their temporary stay at Alex Munro School and Panorama Hills School reflects the citizenship and character outcomes that students develop within CBE schools.

Partnership with Calgary Public Library

The CBE through its partnership with the Calgary Public Library (CPL) participates in several initiatives ranging from ensuring CBE students have library cards, connecting CBE Schools with the CPL Book Trucks, working collaboratively to enhance CBE Library Assistant skills and, most recently, simplifying digital access to the Calgary Public Library's e-resources through student Gmail accounts.

The CPL eAccess initiative supports the CBE's learning resources framework through providing students and teachers access to quality digital resources such as Tumblebooks, World Book Online, novels, language learning resources, BookFlix and Brainfuse (online and free tutoring). After a successful pilot with three schools (K-12) in May-June 2016, this process was made available to all CBE students this fall. Our pilot schools identified key digital resources that aligned with their programs of study as well as student needs.



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report to Board of Trustees

Construction Projects Status Report

Date	October 11, 2016
Meeting Type	Regular Meeting, Public Agenda
To	Board of Trustees
From	David Stevenson Chief Superintendent of Schools
Purpose	Information
Originator	Dany Breton, Superintendent, Facilities and Environmental Services
Governance Policy Reference	Operational Expectations OE-8: Communication With and Support for the Board OE-12: Facilities
Resource Person(s)	Eugene Heeger, Director, Design & Property Development Leah Hartley, Project Manager, Capital Projects

1 | Recommendation

It is recommended:

- This report is being provided for information for the Board. No decision is required at this time.

2 | Issue

The Chief Superintendent is required to provide the Board of Trustees with an update regarding the status of new and replacement facilities under development or construction.



3 | Background

Following the demolition of the old Ernest Manning High School, the National Sport School was moved temporarily into leased office accommodation at Calgary Olympic Park. On September 26, 2012, the Alberta Government approved provincial funding of \$3M for the National Sport School on the condition that the Calgary Board of Education (CBE) funds an additional \$6M for a total project value of \$9M.

On July 7, 2012, the Alberta Government approved provincial funding for the Innovation Centre/Academy (Booth Centre) modernization for Chinook Learning Services. In June 2013, significant damage occurred to the building as a result of the Calgary floods. Engineering and insurance assessments have been finalized. Work is ongoing with the Alberta Government (Justice, Infrastructure and Education), the City of Calgary and the Calgary Municipal Land Corporation to allow site redevelopment to advance.

On May 1, 2013, the Alberta Government announced the approval of six new CBE schools as part of Building Alberta Schools Construction Program (BASCP). This was the fourth phase of a Provincial alternative procurement program. The six schools included the North East High School, two middle schools located in Royal Oak and Saddle Ridge and three K-4 schools located in Copperfield, Evanston and New Brighton.

On January 21, 2014, the Alberta Government announced the approval of four CBE major modernizations. The four projects are: Christine Meikle School (replacement), Aboriginal Learning Centre (Harold W Riley School modernization), Jack James High School (modernization) and Bowness High School (modernization).

On February 10, 2014, the Alberta Government announced the approval of six new CBE schools as part of their commitment to build 50 new schools. The six schools include three K-4 schools located in Auburn Bay, Panorama and Tuscany and three middle schools located in Evergreen, McKenzie Towne and New Brighton-Copperfield.

On February 12, 2014, the Alberta Government advised that capital funding to rebuild Elbow Park School had been approved by the Flood Relief Ministerial Task Force.

On March 11, 2014, the Alberta Government advised that Elbow Park School was eligible for flood mitigation funding up to \$2.5M. The new school will be built on the original site and will incorporate flood mitigation in the design. On March 13, 2015, the Alberta Government advised that the CBE's request for flood mitigation funding had been approved.

On March 11, 2014, the Alberta Government advised that Rideau Park School was eligible for flood mitigation funding up to \$2.5M. On March 13, 2015, the Alberta Government advised that CBE's request for flood mitigation funding had been approved.

In June 2014, the Alberta Government announced that they would not pursue the BASCP school package originally announced in May 2013 and that these new schools, with the exception of Nelson Mandela High School, would be handed over to the CBE for development and construction.

On September 22, 2014, the Alberta Government announced a \$30.6M investment for four starter schools in Calgary. These schools will be located in West Springs/Cougar Ridge (middle school), Cranston (middle school), Saddle Ridge (elementary school) and Aspen Woods (elementary school). \$2.8M of additional funding was approved for the supply and installation of modular classrooms for Westgate School and \$1.0M for the design development of the new high school in South East Calgary.

On October 8, 2014, the Alberta Government announced Phase 3 of a consolidated advancement of education capital projects. The new CBE projects included the design of schools located in Martindale and Silverado (elementary schools) and Springbank Hill/Discovery Ridge (elementary/middle school). In addition, the designs of two major modernization projects at Lord Beaverbrook and James Fowler High Schools were approved.

In November 2014, Alberta Education granted the CBE flexibility regarding the use of modular classroom capital originally intended for Westgate School. A revised plan has been developed to install additional modular units to the Glenmeadows School, a charter school scheduled to be returned in late 2017 for CBE use.

On February 19, 2015, the Alberta Government advised the CBE that the four starter schools announced in September 2014 would proceed as full build-out developments, subject to the CBE committing to completing the middle schools by December 2016 and the elementary schools by September 2016.

On March 31, 2015, the Premier announced the construction of the Phase 3 schools announced in 2014. They included four new schools and two modernization projects.

On September 23, 2015, Alberta Education advised that the six school projects that had been approved for design only (Refer to the 2016-2019 School Capital Plan) were approved for full build out.

On November 11 and 12, 2015, Alberta Education released grants for the construction or modernization of six schools totalling \$157.7M. This funding will allow for the construction of the Southeast High School (Seton), Martindale middle school, Springbank Hill/Discovery Ridge middle school and Silverado elementary school, along with the modernization of James Fowler High School and Lord Beaverbrook High School.

On January 27, 2016, Alberta Education approved \$4.3M towards the construction of a gymnasium at Nelson Mandela High School.

In March 2016, Alberta Education adjusted approved grant funding agreements to align with tender award values. For four schools, this meant grant increases totalling \$3.1M. For twelve schools, this meant a reduction of \$22.6M. The CBE is currently working with Alberta Education to ensure that this reduction does not impact school completion schedules.

On April 14, 2016, the Alberta Government, as part of their commitment to transparency and openness, presented a list of unfunded capital projects to the Budget 2016 Capital Plan. This "Sunshine List" identifies four new elementary schools and two major high school modernizations for the CBE. While these projects were selected from the 2016-2019 Three-Year School Capital Plan, they will only receive funding and proceed if they meet Provincial criteria and if funding is available next year. Note that this list does not reflect the CBE priorities identified in the 2017-2020 Three-Year School Capital Plan submitted on April 1, 2016, to the Alberta Government.

On July 8, 2016, the CBE was successful in having Alberta Education restore \$1.7M towards the Jack James modernization grant agreement reduced in March 2016. Work is now underway to have grants adjusted for the remaining 11 schools.

4 | Analysis

Information on the current status of the projects under development and being administered by the CBE and Alberta Infrastructure is provided in **Attachment I**.

The locations of the various new school and modernization capital projects under development are shown in **Attachment II**.

There are fourteen Project Steering Committees setup for the sixteen school projects still under development by CBE Administration:

- Aboriginal Learning Centre
- Christine Meikle School

- Elbow Park ES
- Marshall Springs MS (Bundle 1)
- Eric Harvie ES
- McKenzie Highlands MS
- Dr. Martha Cohen MS

- West Ridge and Dr. George Stanley MS (Bundle 7)
- Hugh A. Bennett ES and Dr. Roberta Bondar ES (Bundle 8)

- Griffith Woods K-9 (Bundle 10)
- Manmeet Singh Bhullar and Ron Southern ES (Bundle 11)
- Seton HS
- James Fowler HS Modernization
- Lord Beaverbrook HS Modernization

The Province also announced their approval of a modernization project at Sir William Van Horne High School, which is currently leased to Westmount Charter School.

Modular Classrooms

On January 18, 2016, the Province approved the following 15 modular classroom requests. Due to delays in the permitting process, the installation of these modular units will be completed in late 2016 to early 2017.

Queen Elizabeth Elementary School	2
Samuel W. Shaw School	4
Lake Bonavista School	2
Midsun School	1
Chris Akkerman Elementary School	6

5 | Conclusion

This report provides the current update on the status of new and modernized CBE facilities under development or construction by the Calgary Board of Education and Alberta Infrastructure.

It is provided to the Board of Trustees as monitoring information in compliance with Operational Expectation 8: Communication With and Support for the Board.



DAVID STEVENSON
CHIEF SUPERINTENDENT OF SCHOOLS

ATTACHMENTS

Attachment I:	New/Modernized Facilities Construction Status
Attachment II:	Project Location Map
Attachment III:	Project Photos

GLOSSARY – Developed by the Board of Trustees

Board: Board of Trustees

Governance Culture: The Board defined its own work and how it will be carried out. These policies clearly state the expectations the Board has for individual and collective behaviour.

Board/Chief Superintendent Relationship: The Board defined in policy how authority is delegated to its only point of connection – the Chief Superintendent – and how the Chief Superintendent’s performance will be evaluated.

Operational Expectations: These policies define both the nonnegotiable expectations and the clear boundaries within which the Chief Superintendent and staff must operate. They articulate the actions and decisions the Board would find either absolutely necessary or totally unacceptable.

Results: These are our statements of outcomes for each student in our district. The Results policies become the Chief Superintendent’s and the organization’s performance targets and form the basis for judging organization and Chief Superintendent’s performance.

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1. National Sport School	Dec-14	TBD	The National Sport School is currently located in leased premises at Canada Olympic Park. Planning for the permanent school at Canada Olympic Park started in 2009 and has progressed to design stage. Design brief is complete. Development Permit conditions are under review, a response has been submitted to the City. Until a source of capital funding is secured, no further architectural or engineering work will be completed. Discussions are ongoing with the City and WinSport on potential a collaborative solution.
2. Innovation Centre / Academy (Booth Centre) (Chinook Learning Services) Capacity 675 students	Mar-14	TBD	<p>Booth Centre modernization for Chinook Learning Services central location was approved for provincial funding on July 7, 2012. Prime Consultants were appointed through a request for proposal (RFP) process on July 23, 2012. Alberta Infrastructure has provided technical documentation on the existing facility. Schematic design and functional space layouts have been finalized.</p> <p>Different concepts are being assessed for the potential redevelopment of the site with the Calgary Municipal Land Corporation and developers. Discussions are ongoing. An Expression of Interest (EOI) proposal call was issued to developers in January 2015. Following the review of EOI submissions, four developers will be invited to submit RFPs.</p> <p>An educational program charrette was held in June 2015 to determine the functional program needs and requirements. The Land Use Re-designation application has been submitted to the City of Calgary. The preparation of the Developer RFP has been suspended until the Land Use Re-designation has been approved by the City.</p> <p>An Open House and Public Information Session was hosted at Fort Calgary on March 30, 2016 for East Village residents and neighbours to outline the Land Use Amendment application to the City of Calgary.</p> <p>The Land Use Amendment application was approved by the Calgary Planning Commission on August 11, 2016. It will be ratified by City Council on October 3, 2016.</p> <p><i>On September 16, 2016, a follow up to the June 2015 charette with Arts stakeholders was held to discuss Chinook Learning Services and arts programming needs. Participants included representatives from Calgary Arts Development, ACAD, Junior Achievement, Youth Arts Programs, Alberta Films and University of Calgary.</i></p>
3. Kenneth D. Taylor School (Evanston School) Grades K-4 Capacity 600 students	Fall-16	Sept-16	Construction was completed as scheduled for a school opening on September 6, 2016. Deficiencies are being corrected.
4. Peter Lougheed School (Saddle Ridge School) Grades 5 – 9 Capacity 900 students	Fall-16	Sept-16	Construction was completed for school opening on September 9, 2016. Deficiencies are being corrected.

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5. Copperfield School Grades K-4 Capacity 600 students	Fall-16	Sept-16	Construction was completed as scheduled for a school opening on September 6, 2016. Deficiencies are being corrected.
6. New Brighton School Grades K-4 Capacity 600 students	Fall-16	Sept-16	Construction was completed as scheduled for a school opening on September 6, 2016. Deficiencies are being corrected.
7. William D. Pratt School (Royal Oak/Rocky Ridge School) Grades 4 – 9 Capacity 900 students	Fall-16	Sept-16	Construction was completed as scheduled for a school opening on September 6, 2016. Deficiencies are being corrected.
8. (a) Nelson Mandela High School (Northeast High School) Grades 10 – 12 Capacity 1800 students	Fall-16	Sept-16	Construction was completed for a school opening on September 6, 2016. Deficiencies are being corrected. The aeronautical CTS space is being fitted out for completion in late Fall.
8. (b) Nelson Mandela High School (Northeast High School) Gymnasium	Fall-17		<p>Following the approval of partial capital funding by the Provincial Government, a new gymnasium will be added to the scope of this facility. CBE will be contributing capital to this development and will oversee the design and construction.</p> <p>Design development is complete and working drawings are being prepared. The Development Permit application has been submitted for approval.</p> <p>Completion and occupancy is scheduled for Fall 2017.</p>
9. Harold W. Riley School Aboriginal Learning Centre Pre-K – 3 Capacity 150 students	Sep-16	Dec-16	<p>Harold W. Riley modernization for the Aboriginal Learning Centre was announced January 21, 2014. A provincial pre-design charrette was held on November 25 and 26, 2013 as part of a Value Management exercise to gather support for the project. The Provincial kick-off meeting occurred February 25, 2014. The Leblond Partnership has been selected as Prime Consultant.</p> <p>The design process has been completed. Pivotal Projects Incorporated has been selected as Project Managers. Public engagement and open house held on June 18 and September 17, 2014. Development Permit application submitted in August 2014. Working drawings were finalized for tender, which was scheduled for mid-January 2015. Hazmat abatement work has been completed.</p> <p>Following the tender reviews by Alberta Infrastructure and the recommendation approval by Trustees, Everest Construction Management Ltd. was awarded the construction contract in mid-April 2015. Mobilization and construction has commenced on site. Demolition has been completed and the full Building Permit has been approved. A number of unforeseen structural issues have been identified as a result of the demolition work and these are being dealt with by the team on site. Structural steel erection has been completed following initial delivery delays. There was slow progress of steel installation, which created scheduling uncertainty and mechanical and electrical installation delays as a consequence. Block work to Gym and Washrooms complete. AHUs and glulam</p>

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			<p>beams have been delivered to site and central gathering space framing complete. Sub-contractors are struggling to resource project sufficiently. On January 13, 2016, the Prime Consultant issued a Notice of Default to the Contractor. Block work complete. Roof installation complete. Mechanical and electrical rough ins, equipment installation and duct work complete. Slabs on grade complete. Framing of walls complete. Interior painting complete. Installation of glulams complete. Stairs and handrails are installed. Installation of ceilings complete. Terrazzo flooring at entry complete. Installation of windows and glazing complete. Fire alarm verification complete. Mechanical work continuing in Boiler and Mechanical Room. Sprinkler installation complete. East and west canopies being installed. Progress on site continues to be labored and difficult. The Contractor's schedule is being closely monitored. The project is expected to be completed and ready for occupancy by December 2016.</p>
10. Christine Meikle School (Replacement school) Grades 7 – 12 Capacity 125 students	Dec-16	Dec-16	<p>Christine Meikle School replacement for students with complex learning needs was announced January 21, 2014. This new school located on a greenfield site will combine attributes of both educational and health care facilities to address the special needs of the students. A provincial program charrette was held on February 12, 2014 as part of a Value Management exercise to gather information on the project. The Provincial kick-off meeting occurred February 25, 2014.</p> <p>Marshall Tittlemore Architects has been selected as Prime Consultant. Resource Planning Group has been retained to complete the functional program for the project. Stantec Consulting Ltd. has been selected as Project Manager. Public engagement and open house held on June 19, August 6 and September 17, 2014. Development Permit application submitted in September 2014.</p> <p>A Statement of Claim registered by a group of residents who are opposed to the development has been withdrawn. No judgment has been made by the courts. Design development has been completed. Tenders closed on March 19, 2015.</p> <p>Following the tender reviews by Alberta Infrastructure and the recommendation approved by Trustees, Starcraft Construction Ltd. was awarded the construction contract in mid-April 2015. Mobilization and construction has commenced on site. The full Building Permit has been approved. Foundations complete. Structural steel installation, q-deck erection and roofing complete. Masonry work, steel stud and drywall complete. Winter hoarding for masonry walls and concrete work in place. Interior masonry walls complete with GWB partitions following progress. ATCO gas line installed. Installation of window frames and glazing complete. Mechanical and electrical rough-ins, equipment installation and ducting complete. ENMAX transformer installed. Interior framing and masonry walls completed. Slabs on grade complete. Sprinkler installation complete. Excess stock pile material being removed from site. Landscaping being completed. Progress on site continues to be good. Construction is on schedule for FF&E fit out in the Fall. The project is expected to be completed and ready for occupancy by December 2016.</p>
11. Bowness High School Modernization	Sep-16	Sept-16	<p>Construction was completed as scheduled for a school opening on September 6, 2016. Deficiencies are being corrected.</p>

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12. Jack James High School Modernization	Sep-16	Sept-16	Construction was completed as scheduled for a school opening on September 6, 2016. Deficiencies are being corrected.
13. Marshall Springs School (Evergreen School) Grades 4 - 9 Capacity 900 students	Sep-16	Sep-17	<p>The new Middle school was announced February 10, 2014, as part of the Provincial government's commitment to build 50 new schools. The Provincial kick-off meeting occurred February 25, 2014. Zeidler Partnership Architects has been selected as Bridging Consultant. The design process is completed. Public engagement and open house held on June 18, August 6 and September 17, 2014. Development Permit application submitted in August 2014.</p> <p>Design-Build proposal documents have been issued and contractor proposals were received and assessed in February 2015. The Design-Build responses were unsatisfactory and over budget. The Design Team will finalize a new set of working drawings and lump sum tender documents were issued in August 2015. On September 17, 2015, Alberta Infrastructure approved the construction contract award to LEAR Construction Management Ltd. A Letter of Award was issued to LEAR. Mobilization and construction commenced at the end of September 2015.</p> <p>Foundations are complete, following the stripping and preparation of the site. Structural steel installation complete. Construction schedule has been re-assessed. Full Building Permit was finally released by the City mid-January 2016. This project is at major risk due to delays with permitting approvals and progress constraints. Masonry walls ongoing. Shallow underground piping installed. Slabs on grade completed. Mechanical and electrical rough ins ongoing. Structural steel framing and decking complete. Roofing has commenced. Internal framing has commenced. Fire spray has commenced. Masonry work continuing. There is increasing activity on site and construction is being negatively affected by heavy thunder storms and rain. Contractor continuing to improve schedule to meet substantial completion.</p>
14. Eric Harvie School (Tuscany School) Grades K-5 Capacity 600 students	Sep-16	Dec-16	<p>The K-5 school was announced February 10, 2014, as part of the Provincial government's commitment to build 50 new schools. The Provincial kick-off meeting occurred February 25, 2014 Group 2 Architecture has been selected as Bridging Consultant. The design process is completed. Public engagement and open house held on June 18, 2014. The Development Permit application was submitted in August 2014 and was approved by the City. Design-Build proposal documents have been issued and contractor proposals will be received and assessed in February 2015.</p> <p>The Design-Build responses were unsatisfactory and over budget. The Design Team has finalized a new set of working drawings and lump sum tender documents were issued in March 2015.</p> <p>Tender closed in early April 2015. After tender reviews and approvals by Alberta Infrastructure and the Trustees, a Letter of Award has been issued to Everest Construction Management Ltd. Mobilization and construction has commenced. Site grading and piling complete. Foundations complete. Deep services utility connections complete. Masonry to Gym complete. Q-deck complete. Slab on grade complete. Exterior GWB partitions complete. Interior framing and masonry</p>

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			walls complete. Mechanical and electrical rough-ins and ducts ongoing. ENMAX transformer installed and energized. ATCO gas connection complete. Roofing work complete. Window installation complete. Exterior cladding installation complete. Data Room ready for Supernet data installation. Entire building is now watertight. Interior painting has commenced. Sprinkler system installation complete. Contractor continues to have challenges with the construction schedule. This project is experiencing significant weather related delays and manpower resource issues. Landscaping has commenced. Construction will be substantially complete by year end.
15. Buffalo Rubbing Stone School (Panorama Hills School) Grades K-4 Capacity 600 students	Sep-16	Sept-16	This project experienced significant setbacks since commencement with unexpected soil conditions, and was negatively affected by heavy thunder storms and rain. Despite all attempts to accelerate activities to make up lost time, the Contractor was unable to meet the September 6, 2016, opening date. A delay of 3 weeks was requested and the school opened on September 26, 2016. Deficiencies are being corrected.
16. Auburn Bay School Grades K-4 Capacity 600 students	Sep-16	Sept-16	Construction was completed as scheduled despite significant manpower issues and weather delays. Deficiencies are being corrected.
17. McKenzie Highlands School (McKenzie Towne School) Grades 5 – 9 Capacity 900 students	Sep-16	Dec-16	The new Middle school was announced February 10, 2014, as part of the Provincial government's commitment to build 50 new schools. The Provincial kick-off meeting occurred February 25, 2014. Group 2 Architecture has been selected as Bridging Consultant. The design process is underway. Public engagement and open house held on June 18, 2014. The Development Permit application was submitted in August 2014 and was approved by the City. Design-Build proposal documents have been issued and contractor proposals will be received and assessed in February 2015. The Design-Build responses were unsatisfactory and over budget. The Design Team will finalize a new set of working drawings and lump sum tender documents will be issued in May 2015 for award and commencement of construction by July 2015. After tender approvals by Alberta Infrastructure and the Board, a Letter of Award was issued to Maple Reinders. Mobilization and construction has commenced. A Building Permit has been issued. Erosion control in place. Top soil stripping and stock piling complete. Grade beams and piling complete. Concrete slabs complete. Under slab deep services complete. Wall framing complete. Electrical rough-ins for prefab concrete panels complete. Fabrication and installation of concrete panels complete. Glulam manufacturer has advised that there will be material delivery delays. Schedule has been reassessed. Erection of glulams complete. Internal framing complete. Blueskin application complete to exterior walls. Mechanical and electrical rough-ins are ongoing, including wiring and plumbing. Duct installation ongoing. Quality control issues with the precast concrete elements is under dispute. This situation has significant risks for the CBE which will be assessed by the project team. Roofs complete. Brickwork complete with windows and doors installed. ENMAX transformer installed. Electrical progress is slow. Building Sections 1 and 2 complete. Ceiling installation in progress. CLT and glulam painting complete. Elevator installation in progress. Significant shrinkage problems have been encountered with the concrete toppings on the second floor. Consultants and

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18. Dr. Martha Cohen School (New Brighton-Copperfield School) Grades 5 - 9 Capacity 900 students	Sep-16	Dec-16	<p>contractors are examining ways to correct the problem. The project is experiencing delays and manpower shortages. Construction is currently three weeks behind schedule and is at risk.</p> <p>The new Middle school was announced February 10, 2014, as part of the Provincial government's commitment to build 50 new schools. The Provincial kick-off meeting occurred February 25, 2014. Group 2 Architecture has been selected as Bridging Consultant. The design process is underway. Public engagement and open house held on June 18, 2014. The Development Permit application was submitted in August 2014 and was approved by the City. Design-Build proposal documents have been issued and contractor proposals will be received and assessed in February 2015.</p> <p>The Design-Build responses were unsatisfactory and over budget. The Design Team will finalize a new set of working drawings and lump sum tender documents were issued in May 2015 for award and commencement of construction by July 2015. After tender approvals by Alberta Infrastructure and the Board, a Letter of Award was issued to Maple Reinders. Mobilization and construction has commenced. A partial Building permit has been issued.</p> <p>Erosion control in place. Top soil stripping and stock piling complete. Piling complete. Grade beams complete. Concrete slabs complete. Under slab deep services complete. Structural slabs complete. External wall framing complete. Glulam manufacturer has advised that there will be material delivery delays. Schedule has been reassessed. Erection of glulams complete. Mechanical and electrical rough-ins and equipment installations ongoing. HVAC duct installation ongoing. Quality control issues with the precast concrete elements have been addressed. Interior framing ongoing. GWB installation ongoing. Priming and painting ongoing. Roofing complete. Window frames complete. Block and brickwork complete. Significant shrinkage problems have been encountered with the concrete toppings on the second floor. Consultants and contractors are examining ways to correct the problem. The project is experiencing delays and manpower shortages. While construction progress has improved the project is still at risk.</p>
19. Elbow Park School (Replacement school) Grades K – 6 Capacity 250 students	Dec-16		<p>The June 2013 flood caused significant structural damage to the existing Elbow Park School due to differential settlement. As a result, a replacement of the Elbow Park School was approved by the Provincial government on February 12, 2014. The Provincial kick-off meeting occurred on February 25, 2014. Gibbs Gage Architects were selected as the Prime Consultant. The new school will meet current building standards including barrier free access and will address flood mitigation in the design. The library will reflect the original aesthetic design.</p> <p>The first information meeting with the community was held on April 2, 2014. The consultant team led by Gibbs Gage Architects and advised by Donald Luxton & Associates and MMP Engineering recommended the preservation of the North, West and East exterior walls along with a partial preservation of the South façade, while demolishing the remainder of the school.</p> <p>This design concept for the Elbow Park Replacement School was presented to</p>

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			<p>the public on July 3, 2014. Comments received were consistently favorable. A new and modern school is planned to be constructed within the historic walls, with a new brick veneer and glass curtain wall gymnasium addition to the South. The new roofs are to emulate the original sloped roofs between the historic facades, while the new addition will have a flat roof with clerestory lighting over the central ancillary spaces.</p> <p>In June 2014, Duke Evans Inc. was retained as the Project Manager. Due to the nature of this project a Construction Management construction procurement process is to be followed to meet the phased schedule of activities. The Schematic Design Report has been completed and has been approved by Alberta Infrastructure. A Development Permit application has been approved. On October 1, 2014, Alberta Infrastructure approved the appointment of Stuart Olson Construction Ltd. as the Construction Manager.</p> <p>The first Tender Package for the specialist foundation work, demolition and structural wall stabilization was retendered and has been awarded. The balance of the work has been tendered. Hazmat abatement work has been completed. Demolition work continues as planned. Tender Package 2 (balance of work) has been approved for award by Alberta Infrastructure. Construction is proceeding following re-sequencing of activities. Construction is lagging behind due to subcontractor resourcing and performance issues. The concrete grade beams and pilaster connections to the historic wall complete. Engineered foundation backfill complete. Under slab services complete. Cast in place slabs are poured. Main floor masonry installation complete. Structural steel installation complete. Restored Library trusses and cupola have been reinstalled. Steel truss delivery complete. Construction work is proceeding well with minor delay caused by heavy rains in August. Building structure is now substantially complete. North historic wall structural restraints have been removed. Roofing has commenced together with exterior masonry repairs. Exterior windows on east and west walls installed. Water and sewer service connections progressing. Project is still tracking for a year-end completion. Continuous assessment of project activities and schedule is being undertaken to ensure appropriate acceleration to meet completion deadline.</p>
20. Rideau Park School (Flood mitigation)	TBD		<p>Rideau Park School was approved for flood mitigation funding on March 11, 2014. Engineering Consultants have been appointed to commence flood mitigation design. Options have been assessed and it is anticipated that construction of this work will commence in the 1Q 2016. The first phase design work for the mechanical systems move and new mechanical and electrical room scope has been developed. The Development Permit for Phase I has been approved. Building Permit drawings and tender documents have been developed for tender.</p> <p>An Engagement Meeting was held with the School Council and Community Association on February 17, 2016.</p> <p>Additional Development Permitting challenges have emerged for Phase II. The City has been insisting on additional site surveys, slope stability studies and naturalization area tree count studies. These additional studies have delayed</p>

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21. West Ridge School (West Springs/ Cougar Ridge School) Grades 5 – 9 Capacity 900 students	Jan-17		<p>planned progress. Tenders for Phase I came in over budget and cannot therefore be submitted for Alberta Infrastructure's approval. As a result of these issues, the project will be retendered with both phases so that the work can be rescheduled in a different sequence provided tenders are within the approved budget.</p> <p>It is now envisaged that all the flood mitigation work will commence in late Fall 2016 for completion by Fall 2017.</p> <p>A new starter middle school was announced September 22, 2014, as part of the Provincial government's commitment to build four starter schools. On October 8, 2014, the Province committed to the immediate planning of the final school design. Riddell Kurczaba Architects was appointed to commence planning and design. Steering Committee Meetings have commenced and Schematic Design options have been developed for phasing the construction build-out.</p> <p>On February 19, 2015, full build-out was approved. Detailed Design and tender documents have been prepared for a tender issued in June 2015. An Open House was held on February 25, 2015, at the Education Centre.</p> <p>Following tender reviews and approvals by Alberta Infrastructure and the Board, a Letter of Award was issued to Chandos Construction Ltd. Mobilization and construction has commenced. Erosion control in place. Top soil stripping and stock piling complete. Site piling and foundations complete. Deep services installation complete. Slab installation complete. Installation of precast walls complete. Structural steel erection complete. Underground mechanical and electrical services complete. Building envelope complete. Q-deck complete. Insulation on exterior walls complete. Vapour barrier membrane installation complete. Concrete block walls complete. Mechanical and electrical rough-ins and duct work ongoing. Fireproofing installation complete. Roofing complete. Internal partitions and drywall complete. Painting and ceiling tile installation ongoing. While the work has been progressing well, this project has experienced significant weather related impacts. Construction is on schedule.</p>
22. Dr. George Stanley School (Cranston School) Grades 4 - 9 Capacity 900 students	Jan-17		<p>A new starter middle school was announced September 22, 2014, as part of the Provincial government's commitment to build four starter schools. On October 8, 2014, the Province committed to the immediate planning of the final school design. Riddell Kurczaba Architects was appointed to commence planning and design. Steering Committee meetings have commenced and schematic design options have been developed for phasing the construction build-out.</p> <p>On February 19, 2015, full build-out was approved. Detailed Design and tender documents has been prepared for a tender issue in June 2015. An Open House was held on February 25, 2015, at the Education Centre.</p> <p>After tender reviews and approvals by Alberta Infrastructure and the Board, a Letter of Award was issued to Delnor Construction Ltd. Mobilization and construction has commenced. Erosion control in place. Top soil stripping and stock piling complete. Site piling and foundations complete. Deep services installation complete. Slab installation in complete. Installation of precast walls</p>

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Building	Orig. Occ. Date	Rev. Occ. Date	Notes/Comments
			<p>complete. Structural steel erection complete. Steel decking complete. Underground mechanical and electrical services complete. Building envelope ongoing. Roofing installation ongoing. Insulation and vapour barrier on exterior walls complete. Mechanical and electrical rough-ins and duct work ongoing. Window frames and glazing installation complete. Internal partitions and drywall complete. Painting and ceiling tile installation ongoing. While the work has been progressing well, this project has experienced significant weather related impacts. Construction is on schedule.</p>
<p>23. Hugh A. Bennett School (Saddle Ridge School) Grades K-4 Capacity 600 students</p>	Sept-16	Jan-17	<p>A new starter elementary school was announced September 22, 2014, as part of the Provincial government's commitment to build four starter schools. On October 8, 2014, the Province committed to the immediate planning of the final school design. Manasc Isaac Architects was appointed to commence planning and design. Steering Committee meetings have commenced and schematic design options have been developed for phasing the construction build-out.</p> <p>On February 19, 2015, full build-out was approved. Detailed Design and tender documents have been prepared for a tender issue in June 2015. An Open House was held on February 25, 2015, at the Education Centre.</p> <p>After tender reviews and approvals by Alberta Infrastructure and the Board, a Letter of Award was issued to Bird Construction Group. Mobilization commenced at end of August. Erosion control in place. Top soil stripping and stock piling complete. Foundation grade beams complete. Underground services complete. Structural steel installation complete. A full Building Permit has been issued. Q-decking installation complete. Blueskin installation complete. Mechanical and electrical rough-ins and ducting complete. Interior steel stud erection complete. Masonry work complete. Exterior cladding complete. Roofing installation complete. Slabs on grade complete. Wall, floor and ceiling installation complete. Progress on site continues with landscaping being completed. Construction is on schedule.</p>
<p>24. Dr. Roberta Bondar School (Aspen Woods School) Grades K-6 Capacity 600 students</p>	Sept-16	Jan-17	<p>A new starter elementary school was announced September 22, 2014, as part of the Provincial government's commitment to build four starter schools. On October 8, 2014, the Province committed to the immediate planning of the final school design. Manasc Isaac Architects was appointed to commence planning and design. Steering Committee meetings have commenced and schematic design options have been developed for phasing the construction build-out.</p> <p>On February 19, 2015, full build-out was approved. Detailed Design and tender documents have been prepared for a tender issue by June 2015. An Open House was held on February 25, 2015, at the Education Centre.</p> <p>The tenders closed September 1, 2015. Following review and approvals by Alberta Infrastructure and the Board, a contract was awarded on September 18, 2015. Mobilization and construction commenced at the end of September 2015. Erosion control in place. Top soil stripping and stock piling complete. Foundation grade beams complete. Underground services complete. Structural steel installation complete. A full Building Permit has been issued. Q-decking installation complete. Blueskin installation complete on exterior cladding.</p>

**CALGARY BOARD OF EDUCATION
NEW/MODERNIZED FACILITY CONSTRUCTION STATUS
October 2016**

Building	Orig. Occ. Date	Rev. Occ. Date	Notes/Comments
			Mechanical and electrical rough-ins and ducting complete . Interior steel stud erection complete . Masonry work complete . Exterior cladding complete . Roofing installation complete . Slabs on grade complete . Wall, floor and ceiling installation complete . Progress on site continues to be good with landscaping being completed . Construction is currently on schedule.
25. Glenmeadows School Grades K-6 Extension	Sep-16	TBD	<p>The original plan to place eight modular units on the Westgate School site (Provincial approval September 22, 2014) has been changed to a revised plan to install six modular units (five classrooms and a washroom) at the Glenmeadows School site.</p> <p>A Development Permit application has been made to the City. A meeting with the Glenmeadows Community Association was held on January 12, 2015. The City has advised the CBE that an Appeal has been lodged against the issuance of the Development Permit. The Hearing ruled for the CBE with a substantial number of conditions for the release of the Development Permit. The CBE has received the Calgary Subdivision and Development Appeal Board's ruling. The appeal requirements are being addressed to meet the Development Permit conditions.</p>
26. Southeast High School Grades 10 -12 Capacity 1800 students	Fall-18		<p>The Province announced the design development funding for the new high school on September 22, 2014. Proposals for a prime consultant have been assessed. Gibbs Gage Architects was appointed on February 10, 2015, to commence Design Development Services. Site investigation studies have commenced. Steering Committee Meetings have commenced. CTS Programs have been identified.</p> <p>A schematic concept has been developed and the Development Permit application process has commenced with the pre-application planning process. The Design Development Report has been finalized together with a Cost Report which has been submitted to Alberta Infrastructure for approval. The working drawings are being prepared for a Summer tender. A request for qualifications (RFQ) has been prepared to determine a shortlist of qualified General Contractors. The tender documents are currently being reviewed and finalized.</p> <p>The project was tendered during August and closed on August 29, 2016. Construction award has been made to Graham Construction and Engineering LP.</p>
27. Manmeet Singh Bhullar School (Martindale School) Grades K-5 Capacity 600 students	Fall-17		<p>On October 8, 2014, the Province committed to the immediate planning and design of the elementary school. RFPs were issued for design services and proposals were reviewed in December 2014. Design Services Contract was awarded to Sahuri + Partners Architecture Inc. Steering Committee Meetings have commenced. Schematic Designs were developed. Working drawings and the pretender estimates were reviewed by Alberta Infrastructure for a tender release in January 2016. Tenders were received in March 2016 and have been approved by the Board of Trustees and Alberta Infrastructure. The contract was awarded to Chandos Construction and construction has commenced on site. Project Managers were appointed in June to oversee the construction process.</p> <p>Site works and foundation work has commenced.</p>

**CALGARY BOARD OF EDUCATION
NEW/MODERNIZED FACILITY CONSTRUCTION STATUS
October 2016**

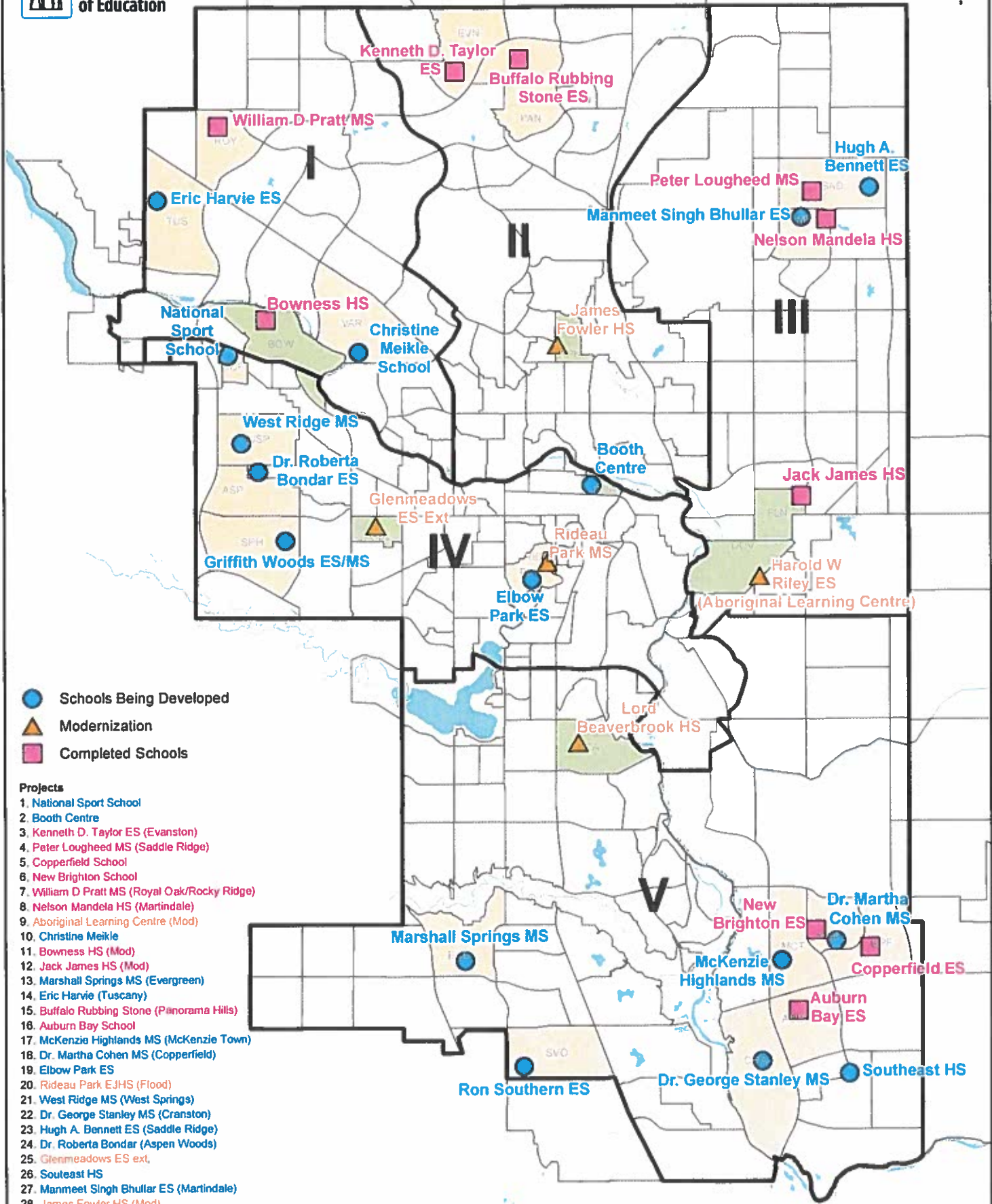
Building	Orig. Occ. Date	Rev. Occ. Date	Notes/Comments
28. James Fowler High School Modernization	Dec-17	Fall-18	<p>On October 8, 2014, the Province committed to the immediate planning and development of design scope of the high school modernization. Onsite inspections and program assessments are being undertaken with the Province to determine an agreed scope of work. Responses for Design Services and Design Consultants have been received. Taff Architecture has been appointed to lead the Design Team. Steering Committee Meetings have commenced. Design Team has commenced detailed assessments of the school and has developed conceptual schematic layouts of the required program spaces. A Design Development Report has been prepared. Working drawings are being prepared for a Summer tender. 90% Design drawings are currently being reviewed and finalized.</p> <p>Proposals for Construction Management Services were issued in June and recommendations were made to Alberta Infrastructure in July for appointments to be made. Alberta Infrastructure has approved the appointment of Clark Builders as Construction Managers and construction management planning activities have commenced with the project team.</p>
29. Griffith Woods School (Springbank Hill/ Discovery Ridge School) Grades K-9 Capacity 900 students	Fall-17		<p>On October 8, 2014, the Province committed to the immediate planning and design of the elementary/middle school. RFPs have been issued for design services and proposals were reviewed in December 2014. Design Services Contract was awarded to CEI Architecture Planning Interiors. Steering Committee Meetings have commenced. Schematic Designs have been developed. Working drawings were prepared for Alberta Infrastructure review in January 2016 for tender release. Alberta Infrastructure approved the tender and the documents were released in March 2016. Tenders were received in April 2016, approved by the Board of Trustees. Alberta Infrastructure approved the award to the recommended bidder, Maple Reinders Inc, on June 7, 2016. Work is now underway.</p> <p>Site works and foundation work has commenced.</p>
30. Lord Beaverbrook High School Modernization	Dec-17	Fall-18	<p>On October 8, 2014, the Province committed to the immediate planning and development of design scope of the high school modernization. Onsite inspections and program assessments are being undertaken with the Province to determine an agreed scope of work. Responses for Design Services and Design Consultants have been received. Riddell Kurczaba Architects have been appointed to lead the Design Team. Steering Committee Meetings have commenced. Design Team has commences detailed assessment of the school and has developed conceptual schematic layouts of the required program spaces. A design Development Report has been prepared. Working drawings are being prepared for a Summer tender. 90% Design drawings are currently being reviewed and finalized.</p> <p>Proposals for Construction Management Services were issued in June and recommendations were made to Alberta Infrastructure in July for appointments to be made. Alberta Infrastructure has approved the appointment of EllisDon Construction Services Inc. as Construction Managers and construction management planning activities have commenced with the project team.</p>

**CALGARY BOARD OF EDUCATION
NEW/MODERNIZED FACILITY CONSTRUCTION STATUS
October 2016**

Building	Orig. Occ. Date	Rev. Occ. Date	Notes/Comments
31. Ron Southern School (Silverado School) Grades K-4 Capacity 600 students	Fall-17		On October 8, 2014, the Province committed to the immediate planning and design of the elementary school. Tenders were issued November 2014 and proposals were reviewed in December 2014. Design Services Contract was awarded to Sahuri + Partners Architecture Inc. Steering Committee Meetings have commenced. Schematic Designs were developed. Working drawings and the pretender estimate were reviewed by Alberta Infrastructure for a tender release in January 2016. Tenders were received in March 2016 and have been approved by the Board of Trustees and Alberta Infrastructure. The contract was awarded to UPA Construction Group and construction has commenced on site. Project Managers were appointed in June to oversee the construction process.



CBE New, Completed & Modernized Schools



- Schools Being Developed
- ▲ Modernization
- Completed Schools

Projects

1. National Sport School
2. Booth Centre
3. Kenneth D. Taylor ES (Evanston)
4. Peter Lougheed MS (Saddle Ridge)
5. Copperfield School
6. New Brighton School
7. William D Pratt MS (Royal Oak/Rocky Ridge)
8. Nelson Mandela HS (Martindale)
9. Aboriginal Learning Centre (Mod)
10. Christine Meikle
11. Bowness HS (Mod)
12. Jack James HS (Mod)
13. Marshall Springs MS (Evergreen)
14. Eric Harvie (Tuscany)
15. Buffalo Rubbing Stone (Panorama Hills)
16. Auburn Bay School
17. McKenzie Highlands MS (McKenzie Town)
18. Dr. Martha Cohen MS (Copperfield)
19. Elbow Park ES
20. Rideau Park EJHS (Flood)
21. West Ridge MS (West Springs)
22. Dr. George Stanley MS (Cranston)
23. Hugh A. Bennett ES (Saddle Ridge)
24. Dr. Roberta Bondar (Aspen Woods)
25. Glenmeadows ES ext.
26. Southeast HS
27. Manmeet Singh Bhullar ES (Martindale)
28. James Fowler HS (Mod)
29. Griffith Woods ES/MS (Springbank Hill/Discovery Ridge)
30. Lord Beaverbrook HS (Mod)
31. Ron Southern ES (Silverado)



1 162,764

NAD 1983 3TM 114
 Prepared by: Planning & Transportation
 Map: New And Modernized Schools.mxd
 Date: September 22, 2016

Christine Meikle School (Replacement School)



Marshall Springs School (Evergreen MS)



Eric Harvie School (Tuscany School)



McKenzie Highlands School (McKenzie Towne Middle School)



Dr. Martha Cohen School (New Brighton-Copperfield Middle School)



Elbow Park School (Replacement School)



Elbow Park School (Replacement School)



West Ridge School (West Springs/Cougar Ridge Middle School)



Dr. George Stanley School (Cranston Middle School)



Dr. George Stanley School (Cranston Middle School)



Hugh A. Bennett School (Saddle Ridge K-4)



Hugh A. Bennett School (Saddle Ridge K-4)



Dr. Roberta Bondar School (Aspen Woods K-4)



Griffith Woods School (Springbank Hill/Discovery Ridge K-9)



Ron Southern School (Silverado K-4)



**report to
Board of Trustees**

Confirmation, Agenda Planning Decision

Date	October 11, 2016
Meeting Type	Regular Meeting, Public Agenda
To	Board of Trustees
From	Janice Barkway, Corporate Secretary
Purpose	Information
Governance Policy Reference	Operational Expectations OE-9: Communicating with the Public

1 | Recommendation

This report is being provided for the information of the Board. No decision is required at this time.

2 | Issue

The attached form provides confirmation of the outcome of the Agenda Planning Committee held on September 27, 2016.

Attachment I: Trustee Agenda Request Form re: Staff Salary and Benefit Disclosure (Sunshine List)





Trustee Agenda Request Form

AGENDA PLANNING COMMITTEE

Chair
Vice-Chair
Second Vice-Chair
Chief Superintendent
Corporate Secretary

SUBMITTED BY: Trustee Amber Stewart

DATE: September 27, 2016

TOPIC OF PROPOSED AGENDA ITEM:
Staff Salary & Benefit Disclosure (Sunshine List)

SUGGESTED BOARD MEETING DATE/TIMELINE CONSIDERATIONS:
Public Board Meeting November 1 or 8 (OE-9 is not monitored next until April 2017) for first reading and impact statement request.

RELATED BOARD POLICY: (Include proposed amendment to governance policy, if requested. Attach additional page, if required)

Under: OE-9: Communicating with the Public
The Chief Superintendent will:

9.5 Annually disclose employee compensation information in accordance with the public sector compensation requirements of Alberta agencies, boards and commissions.

EXPLAIN HOW THIS PROPOSED AGENDA ITEM WILL FURTHER THE WORK OF THE BOARD AND IS RELATED TO THE BOARD'S ANNUAL WORK PLAN:

The Public Sector Compensation Transparency Act gave ABCs until June 30, 2016 to disclose compensation of staff. Trustees were told in June that a list would be published in Fall 2016. As no clear Board policy currently exists to guide this work, it is important for Trustees to review a potential policy as soon as possible.

AGENDA PLANNING COMMITTEE DECISION:

(The Committee may refer the matter to the Chief Superintendent, to an appropriate Board Committee, or it may add the item to a Board meeting agenda, depending on the nature of the issue. The Committee may also request that the trustee provide further information prior to making its decision.)

Referred to: [Click here to enter text.](#)

Recommended Response Timeline: [Click here to enter text.](#)

Board Meeting Agenda: NO YES PUBLIC PRIVATE

Date: [Click here to enter a date.](#)

report to Board of Trustees

Summary of the 2015-16 Provincial Achievement Test and Diploma Examination Results

Date	October 11, 2016
Meeting Type	Regular Meeting, Public Agenda
To	Board of Trustees
From	David Stevenson, Chief Superintendent of Schools
Purpose	Information
Originator	Jeannie Everett, Superintendent, Learning
Governance Policy Reference	OE-8: Communication With and Support for the Board
Resource Person(s)	Ronna Mosher, Director, Learning Elizabeth Wood, System Principal, Research & Strategy

1 | Recommendation

This report is being provided for information to the Board. No decision is required at this time.

2 | Issue

This report outlines the Calgary Board of Education student results in provincial tests and examinations for the 2015-16 school year. The *Joint Protocol for the Release of the 2015/2016 Provincial Achievement Test and Diploma Examination Results* requires the Chief Superintendent to inform the Board of Trustees of the jurisdiction's results in a closed meeting by October 6, 2016.



3 | Background

Provincial Achievement Tests (PATs) and Diploma Examinations are a standardized indicator of students' success in meeting the outcomes of the Programs of Study in core academic areas. The purpose of the Provincial Testing Program is to determine whether students are learning what they are expected to learn, to report to Albertans how well students have achieved provincial standards at given points in their schooling and to assist schools, authorities and the province in monitoring student learning.

4 | Analysis

The administration of Provincial Achievement Tests and Diploma Examinations in the Calgary Board of Education proceeded without major incident or disruption in 2015-16. A notable change in the context of Diploma Examinations for 2015-16 reduced the weighting of Diploma Exams from 50% to 30% of a student's final course mark. Alberta Education explained that the purpose of this change was to place greater emphasis on classroom assessments that reflect students' abilities over a longer period of time rather than relying heavily on a single assessment that lasts only a few hours.

Interpretation of 2015-16 results is made within the context of the change in weighting of Diploma Exams. The impact of the flooding in Southern Alberta on the administration of Provincial Achievement Tests and Diploma Exams in June 2013 also continues to impact the interpretation of results over time.

The representation of results within this report focuses on the achievement of Calgary Board of Education students in comparison to the levels of achievement of students across the province as a whole and in comparison to Calgary Board of Education results across time. More detailed analyses of the results are ongoing and will comprise part of the Results 2: Academic Success subject-area information reports provided to the Board of Trustees throughout the year.

Achievement of CBE students in grade 6 PATs at both the acceptable standard and the standard of excellence is above that of the province in all five subjects (English Language Arts, French Language Arts, Mathematics, Science and Social Studies). Achievement of CBE students in grade 9 PATs is above that of the province in all five subjects (English Language Arts, French Language Arts, Mathematics, Science and Social Studies) at the acceptable standard and in three of the five subjects (Mathematics, Science and Social Studies) at the standard of excellence.

Participation rates for CBE students are above that of the province in grade 6 and 9 PATs. In Knowledge and Employability (KAE) courses the percentage of CBE students participating in the testing program were below that in the province as a whole with the exception of CBE student participation in the grade 9 KAE English Language Arts test. The percentage of CBE students reaching the achievement standards on Knowledge and Employability courses was also below that of the province as a whole.

In ten of the eleven Diploma examinations the percentage of CBE students achieving the acceptable standard and the standard of excellence was above the percentage of students achieving those standards in the province as a whole. Science 30 achievement was below that of the province at both standards but showed improvement from CBE results in 2014-15.

CBE results showed improvement in areas identified as areas of concern by the Board of Trustees based on 2014-15 results. Year-over-year improvement is noted in:

- Grade 6 Mathematics at the standard of excellence
- Grade 9 Mathematics at the acceptable standard
- Grade 9 Mathematics KAE at the acceptable standard

A summary of CBE results and province-wide results for Provincial Achievement Tests is provided in Table 1 on page 4 of this report. A similar summary of CBE and province-wide Diploma Exam results is provided in Table 4 on page 7. Highlighted cells within the tables show areas where CBE results are higher than those achieved by students throughout the province.

In addition to the results for the full CBE cohort of students, summary information is provided in this report for students identified with Special Education Needs with the exception of those identified as gifted and talented (Table 2 on page 5) and student as English Language Learners (Table 3 on page 6). These subsets of information are not directly comparable to general cohort results as they refer only to students who wrote the tests rather than to all identified students within the cohort.

Following the overview information more detailed tables and graphs depict results for individual tests and exams in each subject area. Provincial Achievement Test details begin on page 8 of this report and Diploma Examination details begin on page 22.

The detailed graphs show both CBE and province-wide results over multiple years. Improvements are noted between 2014-15 and 2015-16 in the majority of grade 6 PAT results while declines are noted between 2014-15 and 2015-16 in many grade 9 PAT results. Diploma exam results are more varied, with both year-over-year increases and decreases.

Alberta Education provides an official assessment of improvement within the Provincial Achievement Tests and Diploma Examinations through the Accountability Pillar. This determination is made through a statistical comparison of the current year's result in relation to the three-year average.

Provincial Achievement Tests Overview

Calgary Board of Education PROVINCIAL ACHIEVEMENT TEST RESULTS All Students Enrolled School Year 2015-16 ¹

SUBJECT AND GRADE	NUMBER ENROLLED		PARTICIPATION RATE (%)			RESULTS BASED ON ALL STUDENTS ENROLLED IN THE GRADE					
						ACCEPTABLE STANDARD (%)			STANDARD of EXCELLENCE (%)		
	CBE	Prov.	CBE	Prov.	CBE Minus Prov.	CBE	Prov.	CBE Minus Prov.	CBE	Prov.	CBE Minus Prov.
Grade 6											
Eng. Lang. Arts	7 877	47 608	93.6	90.6	3.0	86.4	82.9	3.5	22.3	20.4	1.9
Fr. Lang. Arts	485	2 854	98.1	97.9	0.2	90.3	87.7	2.6	16.1	14.2	1.9
Mathematics ²	7 865	47 512	93.9	90.9	3.0	75.0	72.2	2.8	16.0	14.0	2.0
Science ²	7 865	47 543	93.8	90.6	3.2	80.5	78.0	2.5	27.7	27.1	0.6
Social Studies ²	7 865	47 522	93.5	90.2	3.3	75.4	71.4	4.0	23.7	22.0	1.7
Grade 9											
Eng. Lang. Arts	7 351	43 780	90.5	88.8	1.7	77.3	77.0	0.3	15.0	15.2	-0.2
Fr. Lang. Arts	640	2 611	97.2	96.2	1.0	85.9	83.0	2.9	9.8	10.8	-1.0
Mathematics ²	7 269	43 253	92.0	89.5	2.5	67.9	67.8	0.1	19.2	17.5	1.7
Science ²	7 344	43 834	92.3	89.9	2.4	74.5	74.2	0.3	22.9	22.4	0.5
Social Studies ²	7 353	43 775	90.9	89.1	1.8	65.6	64.7	0.9	18.1	18.0	0.1
Grade 9 K&E											
Eng. Lang. Arts	133	1 638	81.2	80.0	1.2	57.9	59.8	-1.9	4.5	6.2	-1.7
Mathematics	207	2 125	85.5	86.8	-1.3	53.6	61.2	-7.6	6.3	13.0	-6.7
Science	133	1 591	78.9	85.4	-6.5	50.4	63.8	-13.4	7.5	14.3	-6.8
Social Studies	124	1 608	81.5	83.5	-2.0	54.8	58.0	-3.2	5.6	11.6	-6.0

¹ Jurisdiction results are presented with percentages based on all students enrolled in the grade.

Table 1

² Students writing French translations of the Provincial Achievement Test are included in the statistics.

Calgary Board of Education
PROVINCIAL ACHIEVEMENT TEST RESULTS
Students with Identified Special Education Needs
School Year 2015-16

SUBJECT AND GRADE	PERCENTAGE OF TOTAL WITH IDENTIFIED SPECIAL EDUCATION NEEDS (%)		RESULTS BASED ON NUMBERS OF STUDENTS WITH IDENTIFIED SPECIAL EDUCATION NEEDS WHO WROTE THE TEST					
			ACCEPTABLE STANDARD (%)			STANDARD of EXCELLENCE (%)		
	CBE	Prov.	CBE	Prov.	CBE Minus Prov.	CBE	Prov.	CBE Minus Prov.
Grade 6								
Eng. Lang. Arts	14.8	9.8	85.9	81.1	4.8	12.6	8.1	4.5
Fr. Lang. Arts	10.5	6.2	84.0	75.3	8.7	6.0	4.0	2.0
Mathematics*	14.7	9.6	67.8	59.9	7.9	8.8	5.7	3.1
Science*	14.7	9.8	77.0	71.9	5.1	18.7	15.7	3.0
Social Studies*	14.6	9.7	66.0	60.2	5.8	11.2	9.3	1.9
Grade 9								
Eng. Lang. Arts	14.1	9.2	67.7	65.8	1.9	6.1	4.2	1.9
Fr. Lang. Arts	6.8	5.1	78.6	57.7	20.9	0.0	3.8	-3.8
Mathematics*	13.8	8.8	50.2	50.4	-0.2	7.3	7.0	0.3
Science*	14.6	9.5	61.9	61.5	0.4	10.3	10.5	-0.2
Social Studies*	14.5	9.4	48.2	47.1	1.1	8.0	7.9	0.1
Grade 9 K&E								
Eng. Lang. Arts	66.7	49.8	67.6	73.2	-5.6	2.8	7.5	-4.7
Mathematics	62.7	47.1	58.6	64.9	-6.3	6.3	12.0	-5.7
Science	65.7	48.0	65.2	74.9	-9.7	5.8	18.7	-12.9
Social Studies	64.4	48.1	66.2	68.4	-2.2	6.2	14.9	-8.7

* Students writing French translations of the Provincial Achievement Test are included in the statistics. Table 2

Calgary Board of Education
PROVINCIAL ACHIEVEMENT TEST RESULTS
Students Identified as English Language Learners
School Year 2015-16

SUBJECT AND GRADE	PERCENTAGE OF TOTAL IDENTIFIED AS ENGLISH LANGUAGE LEARNERS (%)		RESULTS BASED ON NUMBERS OF STUDENTS IDENTIFIED AS ENGLISH LANGUAGE LEARNERS WHO WROTE THE TEST					
			ACCEPTABLE STANDARD (%)			STANDARD of EXCELLENCE (%)		
	CBE	Prov.	CBE	Prov.	CBE Minus Prov.	CBE	Prov.	CBE Minus Prov.
Grade 6								
Eng. Lang. Arts	29.2	17.2	87.6	87.1	0.5	15.4	15.1	0.3
Fr. Lang. Arts	9.0	6.1	83.7	89.4	-5.7	16.3	22.9	-6.6
Mathematics*	30.4	17.5	75.3	75.1	0.2	14.9	14.0	0.9
Science*	30.4	17.6	80.2	80.6	-0.4	21.9	22.7	-0.8
Social Studies*	30.3	17.6	75.6	73.8	1.8	22.1	20.2	1.9
Grade 9								
Eng. Lang. Arts	12.7	11.2	73.0	75.2	-2.2	6.6	7.4	-0.8
Fr. Lang. Arts	5.9	5.1	86.5	79.1	7.4	16.2	13.2	3.0
Mathematics*	13.6	11.8	72.2	69.4	2.8	23.4	17.0	6.4
Science*	13.3	11.5	73.0	74.4	-1.4	19.5	17.5	2.0
Social Studies*	13.1	11.5	62.4	61.9	0.5	14.7	13.3	1.4
Grade 9 K&E								
Eng. Lang. Arts	16.7	12.2	66.7	73.8	-7.1	0.0	3.8	-3.8
Mathematics	13.0	9.8	56.5	70.5	-14.0	0.0	19.9	-19.9
Science	16.2	11.8	41.2	70.9	-29.7	5.9	10.1	-4.2
Social Studies	16.8	12.0	64.7	67.9	-3.2	5.9	11.9	-6.0

* Students writing French translations of the Provincial Achievement Test are included in the statistics.

Table 3

Diploma Examinations Overview

Calgary Board of Education DIPLOMA EXAMINATION RESULTS School Year 2015-16 (Entire School Year Results)¹

COURSE	NUMBER WRITING		DIPLOMA RESULTS					
			ACCEPTABLE STANDARD (%) ²			STANDARD of EXCELLENCE (%) ³		
	CBE	Prov.	CBE	Prov.	CBE Minus Prov.	CBE	Prov.	CBE Minus Prov.
Biology 30	4 503	22 539	87.4	85.1	2.3	40.7	32.4	8.3
Chemistry 30	4 654	19 265	86.0	81.5	4.5	44.2	34.5	9.7
Eng. Lang. Arts 30-1	6 871	29 730	87.1	86.8	0.3	13.1	10.7	2.4
Eng. Lang. Arts 30-2	2 573	16 707	89.6	89.1	0.5	15.0	12.3	2.7
Fr. Lang. Arts 30-1	396	1 282	94.9	93.8	1.1	12.1	8.7	3.4
Mathematics 30-1 ⁴	5 159	20 492	76.0	70.7	5.3	33.9	25.9	8.0
Mathematics 30-2 ⁴	2 395	13 631	78.2	75.4	2.8	19.2	16.8	2.4
Physics 30	2 453	10 291	87.1	85.8	1.3	47.9	39.8	8.1
Science 30	1 511	8 790	84.2	84.4	-0.2	26.8	27.6	-0.8
Social Studies 30-1 ⁴	4 380	22 494	88.5	84.9	3.6	19.6	14.3	5.3
Social Studies 30-2 ⁴	3 681	19 790	85.7	81.1	4.6	21.6	13.1	8.5

¹ Entire school year results show the performance of all students in the school authority for all tests.

² Percent of students obtaining Acceptable Standard i.e. a mark of 50% to 100%.

³ Percent of students obtaining Standard of Excellence i.e. a mark of 80% to 100%.

⁴ Students writing French translations of the examinations are included in the statistics.

Table 4

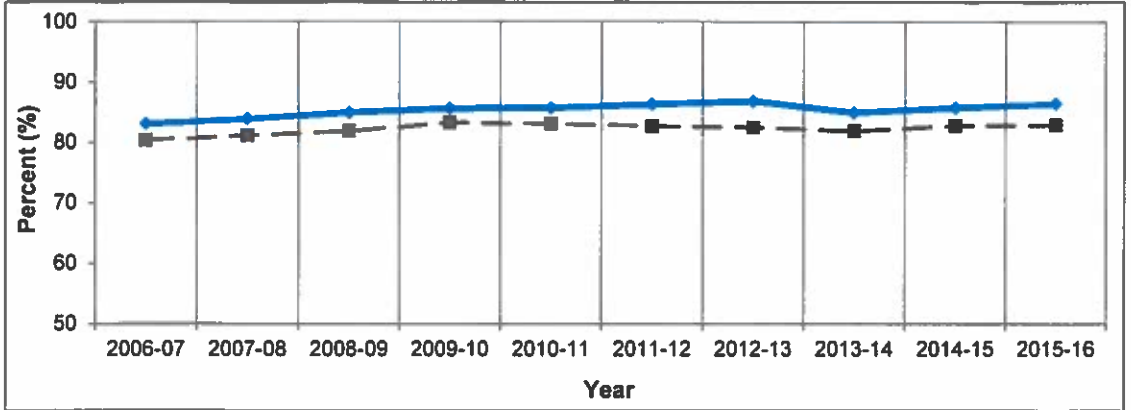
Provincial Achievement Test Details

Grade 6 English Language Arts Results

*All Students Enrolled (Cohort)

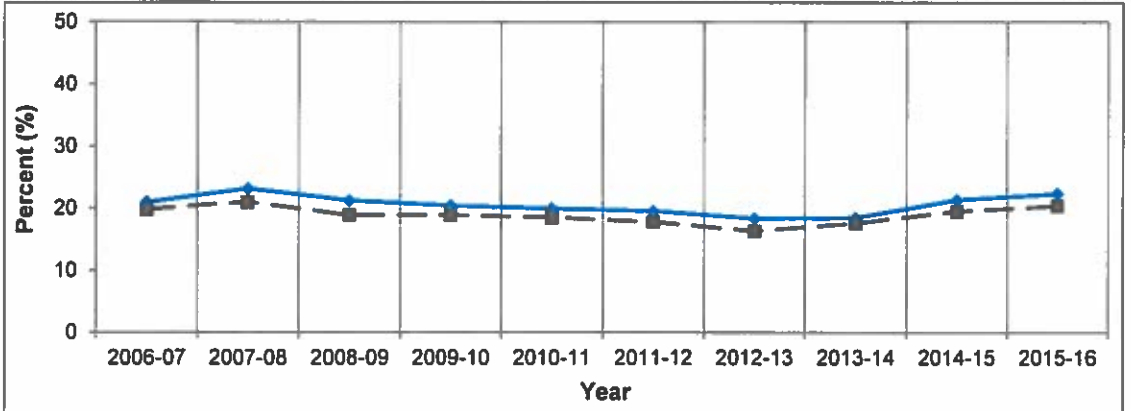
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE	83.0	83.8	84.9	85.6	85.7	86.3	86.8	84.9	85.7	86.4
Province	80.3	81.1	81.8	83.3	83.0	82.7	82.5	81.9	82.8	82.9
Difference	2.7	2.7	3.1	2.3	2.7	3.6	4.3	3.0	2.9	3.5



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE	20.9	23.1	21.2	20.4	19.9	19.5	18.3	18.4	21.3	22.3
Province	19.8	21.0	18.9	18.9	18.5	17.8	16.3	17.6	19.5	20.4
Difference	1.1	2.1	2.3	1.5	1.4	1.7	2.0	0.8	1.8	1.9



Participation

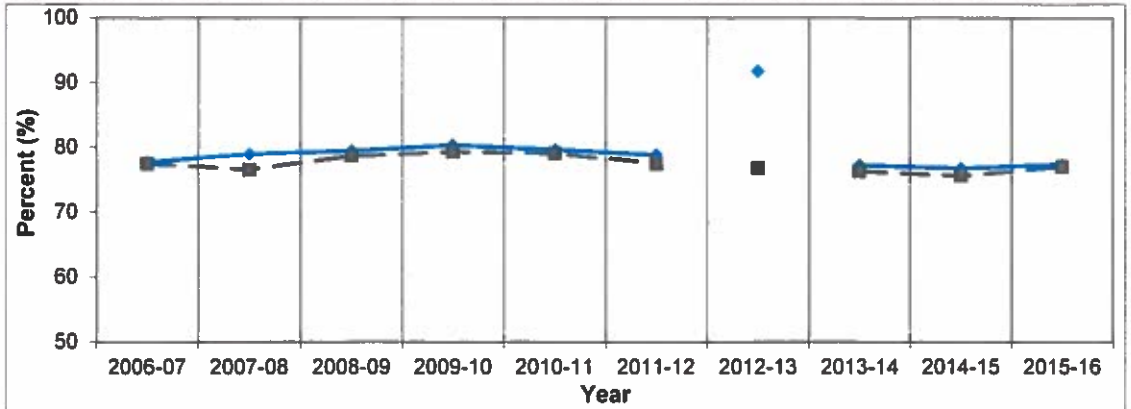
Year	CBE	Prov.	Diff.
2006-07	91.8	89.6	2.2
2007-08	91.4	89.5	1.9
2008-09	92.0	90.0	2.0
2009-10	92.6	90.7	1.9
2010-11	93.0	90.8	2.2
2011-12	93.5	90.8	2.7
2012-13	93.6	90.8	2.8
2013-14	93.2	90.4	2.9
2014-15	93.2	90.6	2.6
2015-16	93.6	90.6	3.0

Grade 9 English Language Arts Results

*All Students Enrolled (Cohort)

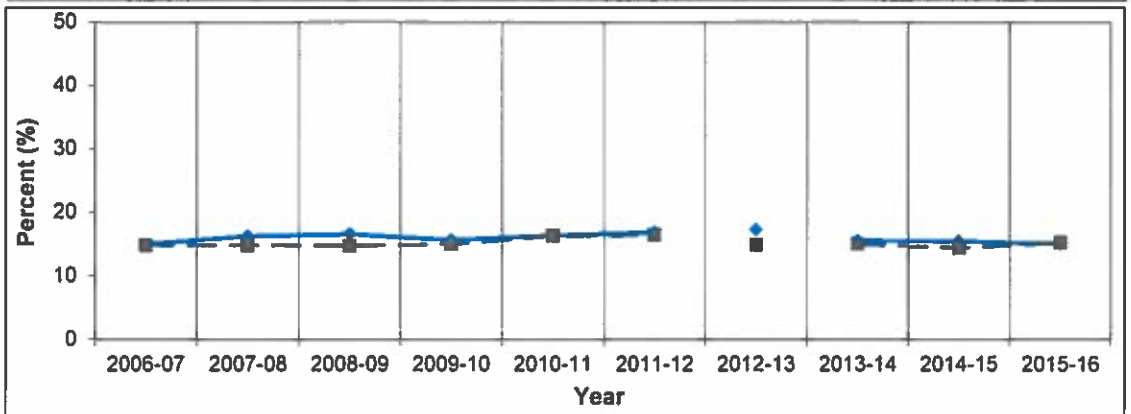
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE	77.7	78.9	79.4	80.3	79.6	78.8	91.7	77.2	76.7	77.3
Province	77.5	76.5	78.7	79.3	79.1	77.4	76.7	76.3	75.6	77.0
Difference	0.2	2.4	0.7	1.0	0.5	1.4	15.0	0.9	1.1	0.3



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE	14.9	16.2	16.5	15.6	16.3	16.8	17.2	15.5	15.4	15.0
Province	14.8	14.8	14.7	15.0	16.3	16.4	14.8	15.0	14.4	15.2
Difference	0.1	1.4	1.8	0.6	0.0	0.4	2.4	0.5	1.0	-0.2



Participation

Year	CBE	Prov.	Diff.
2006-07	89.4	87.9	1.5
2007-08	90.8	87.7	3.1
2008-09	91.1	89.7	1.4
2009-10	91.3	89.8	1.5
2010-11	91.0	88.9	2.1
2011-12	91.3	88.9	2.4
2012-13	96.4	88.0	8.4
2013-14	90.0	88.3	1.7
2014-15	90.0	88.5	1.5
2015-16	90.5	88.8	1.7

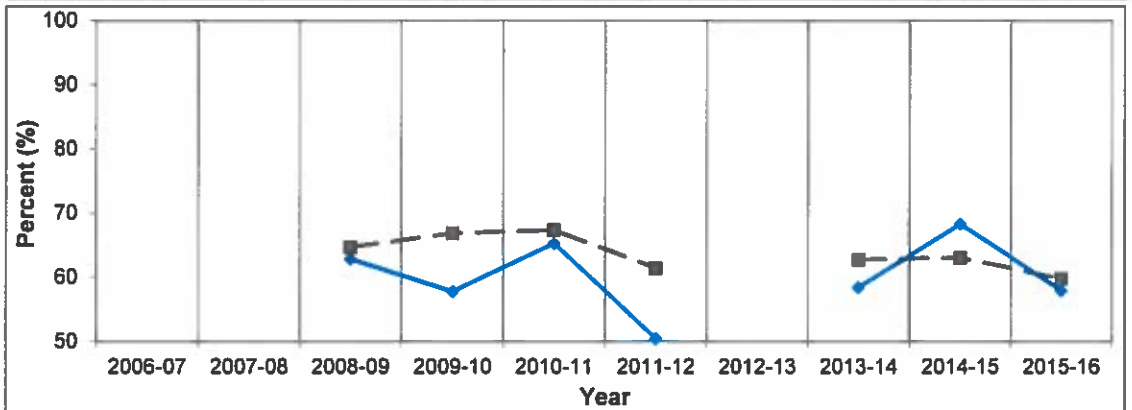
As a result of the flooding that substantially impacted Calgary and areas in southern Alberta in 2013, Alberta Education cancelled the June administration of the Part B of ELA. Results reflect only a small cohort of students who wrote in the January administration. Caution must be used in interpreting these results.

Grade 9 English Language Arts Knowledge and Employability Results

*All Students Enrolled (Cohort)

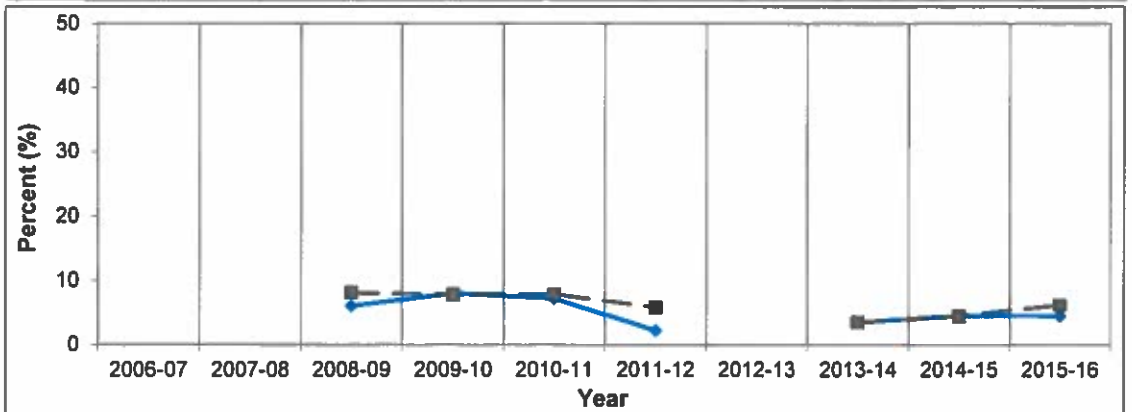
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE			62.8	57.7	65.2	50.4		58.4	68.2	57.9
Province			64.7	66.8	67.3	61.4		62.8	63.0	59.8
Difference			-1.9	-9.1	-2.1	-11.0		-4.4	5.2	-1.9



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE			6.0	8.0	7.2	2.2		3.5	4.5	4.5
Province			8.1	7.8	7.9	5.8		3.5	4.5	6.2
Difference			-2.1	0.2	-0.7	-3.6		0.0	0.0	-1.7



Participation

Year	CBE	Prov.	Diff.
2006-07			
2007-08			
2008-09	81.4	82.9	-1.5
2009-10	76.6	82.2	-5.6
2010-11	83.8	81.8	2.0
2011-12	70.4	80.1	-9.7
2012-13			
2013-14	73.5	80.2	-6.7
2014-15	82.7	81.7	1.0
2015-16	81.2	80.0	1.2

The KAE English Language Arts PAT was introduced in the 2008-09 school year.

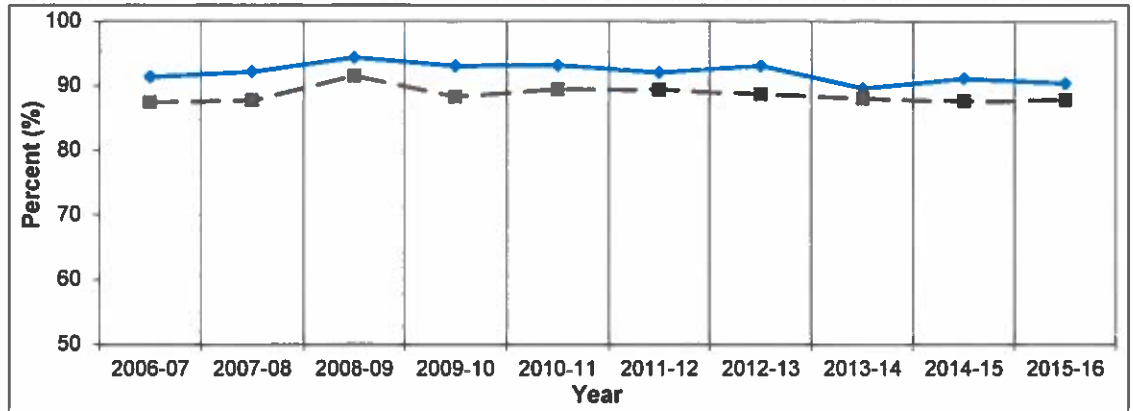
As a result of the flooding that substantially impacted Calgary and areas in southern Alberta in 2013, Alberta Education cancelled the June administration of Part B.

Grade 6 French Language Arts Results

*All Students Enrolled (Cohort)

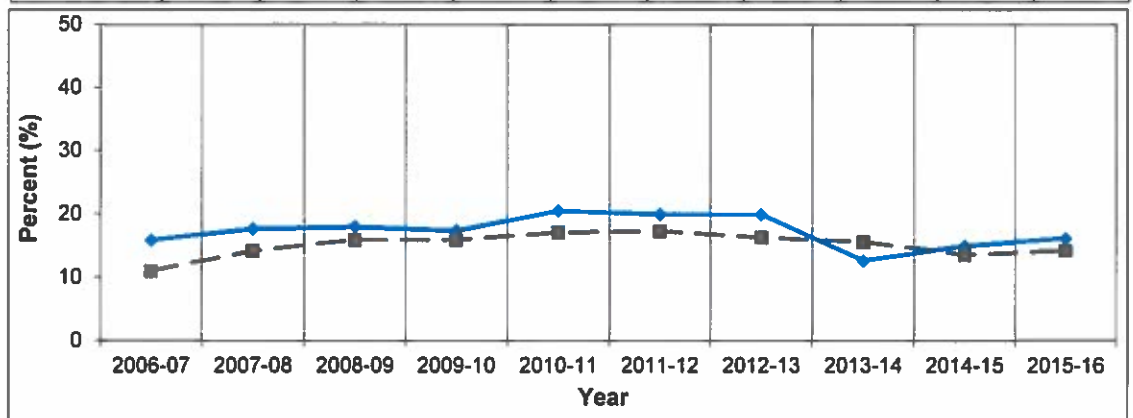
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE	91.3	92.1	94.3	93.0	93.1	92.0	93.0	89.5	91.0	90.3
Province	87.4	87.7	91.5	88.3	89.4	89.3	88.6	88.0	87.5	87.7
Difference	3.9	4.4	2.8	4.7	3.7	2.7	4.4	1.5	3.5	2.6



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE	15.8	17.6	17.9	17.3	20.5	19.9	19.9	12.6	14.9	16.1
Province	11.0	14.2	15.9	15.9	17.1	17.3	16.3	15.6	13.6	14.2
Difference	4.8	3.4	2.0	1.4	3.4	2.6	3.6	-3.0	1.3	1.9



Participation

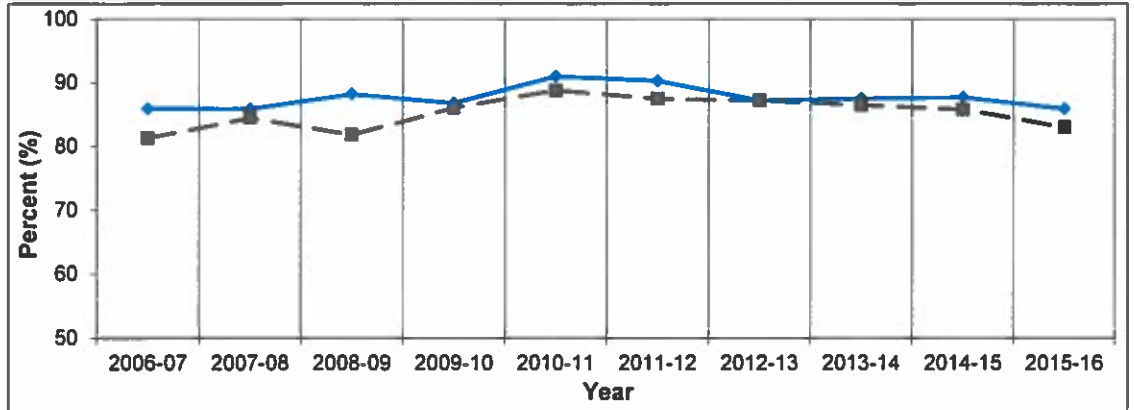
Year	CBE	Prov.	Diff.
2006-07	98.0	96.7	1.3
2007-08	97.0	95.6	1.4
2008-09	97.8	97.6	0.2
2009-10	98.4	97.5	0.9
2010-11	97.6	97.3	0.3
2011-12	98.1	97.3	0.8
2012-13	98.3	98.0	0.3
2013-14	98.1	97.6	0.5
2014-15	97.1	97.6	-0.5
2015-16	98.1	97.9	0.2

Grade 9 French Language Arts Results

*All Students Enrolled (Cohort)

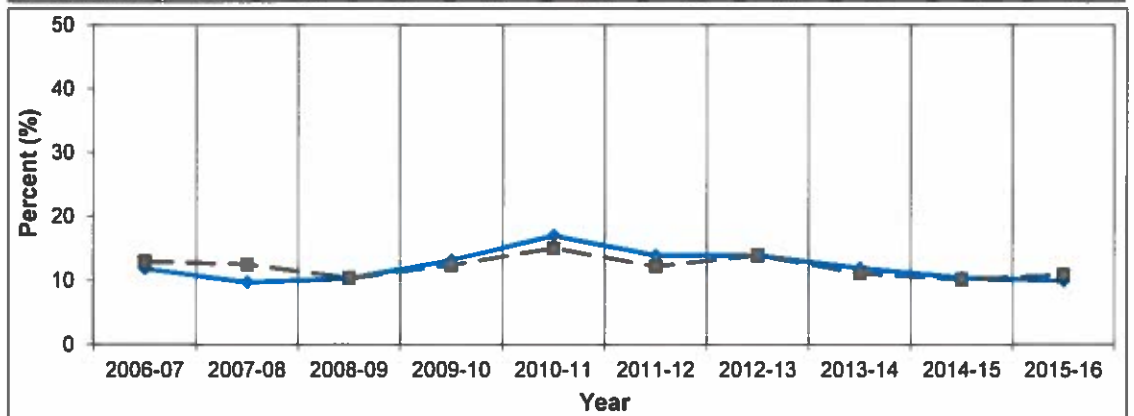
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE	85.9	85.9	88.2	86.8	91.0	90.3	87.2	87.5	87.7	85.9
Province	81.3	84.5	81.8	86.1	88.8	87.5	87.2	86.5	85.8	83.0
Difference	4.6	1.4	6.4	0.7	2.2	2.8	0.0	1.0	1.9	2.9



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE	11.7	9.6	10.2	13.1	16.9	13.8	13.8	11.8	10.3	9.8
Province	12.9	12.4	10.3	12.4	15.0	12.2	13.9	11.1	10.1	10.8
Difference	-1.2	-2.8	-0.1	0.7	1.9	1.6	-0.1	0.7	0.2	-1.0



Participation

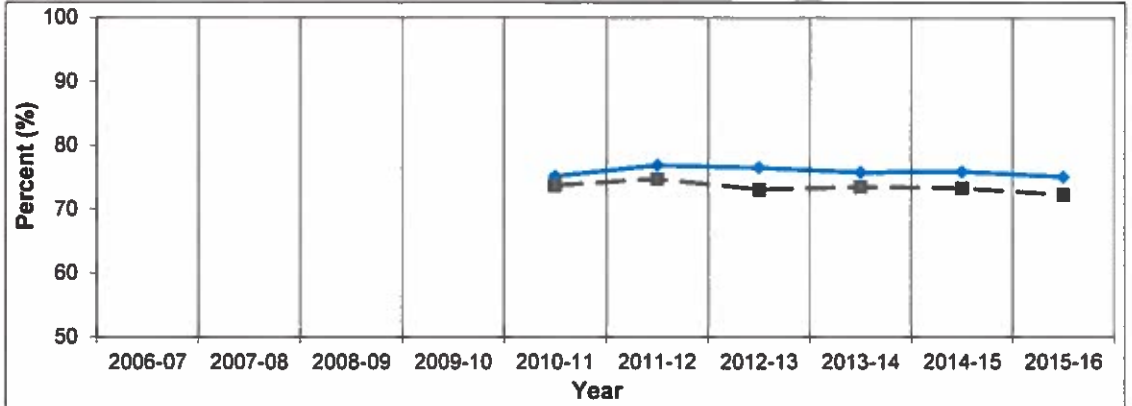
Year	CBE	Prov.	Diff.
2006-07	97.0	93.7	3.3
2007-08	97.4	96.8	0.6
2008-09	97.9	95.2	2.7
2009-10	98.2	98.0	0.2
2010-11	98.1	97.0	1.1
2011-12	98.8	97.4	1.4
2012-13	95.3	97.1	-1.8
2013-14	96.7	96.8	-0.1
2014-15	95.6	96.2	-0.6
2015-16	97.2	96.7	0.5

Grade 6 Mathematics Results

*All Students Enrolled (Cohort)

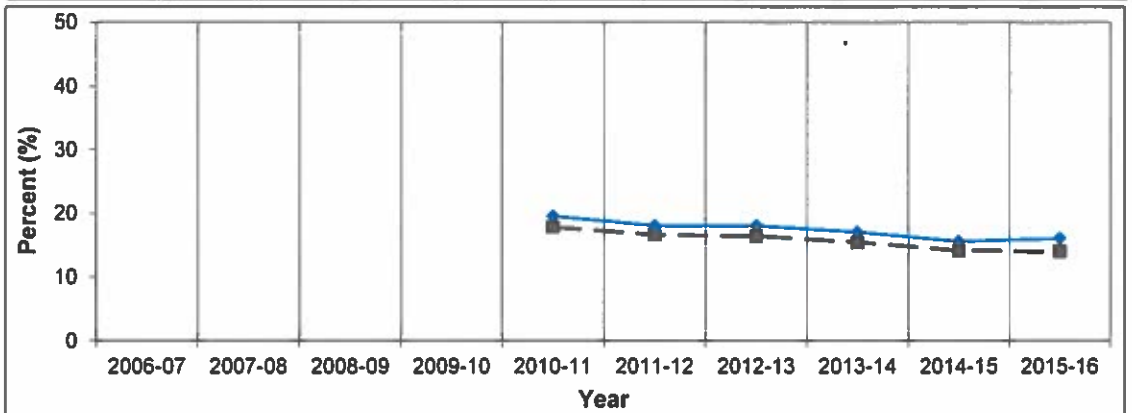
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE					75.1	76.8	76.4	75.7	75.8	75.0
Province					73.7	74.7	73.0	73.5	73.2	72.2
Difference					1.4	2.1	3.4	2.2	2.6	2.8



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE					19.5	18.0	18.0	17.0	15.5	16.0
Province					17.8	16.6	16.4	15.4	14.1	14.0
Difference					1.7	1.4	1.6	1.6	1.4	2.0



Participation

Year	CBE	Prov.	Diff.
2006-07			
2007-08			
2008-09			
2009-10			
2010-11	93.5	90.8	2.7
2011-12	93.8	91.0	2.8
2012-13	93.9	90.9	3.0
2013-14	93.6	90.6	3.0
2014-15	93.7	90.8	2.9
2015-16	93.9	90.9	3.0

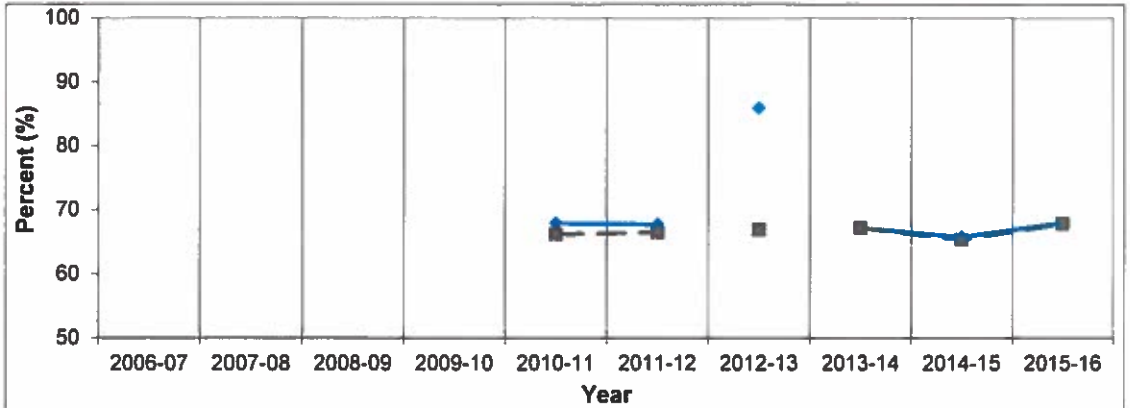
A new Program of Study for Mathematics resulted in a new Grade 6 PAT for this subject.

Grade 9 Mathematics Results

*All Students Enrolled (Cohort)

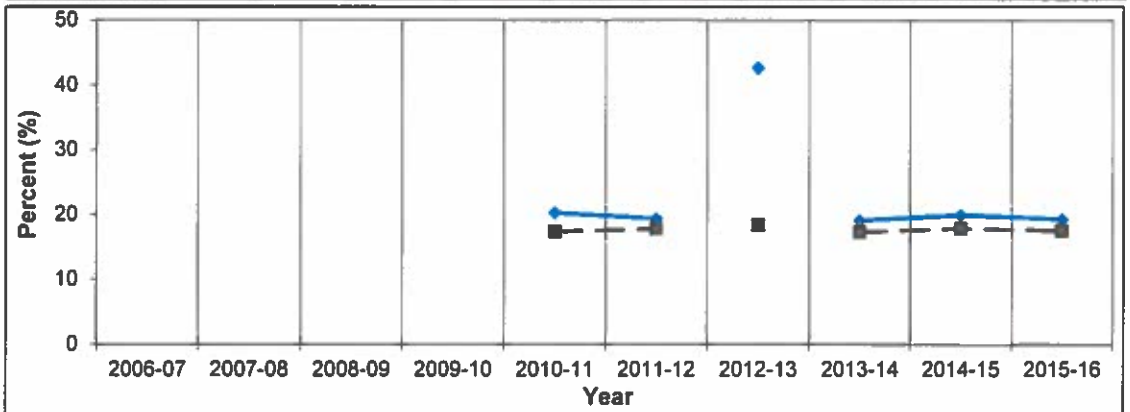
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE					67.8	67.6	85.8	67.1	65.7	67.9
Province					66.1	66.4	66.8	67.1	65.3	67.8
Difference					1.7	1.2	19.0	0.0	0.4	0.1



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE					20.2	19.3	42.6	19.0	19.9	19.2
Province					17.3	17.8	18.3	17.3	17.9	17.5
Difference					2.9	1.5	24.3	19.0	2.0	1.7



Participation

Year	CBE	Prov.	Diff.
2006-07			
2007-08			
2008-09			
2009-10			
2010-11	91.9	89.5	2.4
2011-12	92.6	89.7	2.9
2012-13	96.7	88.8	7.9
2013-14	91.2	89.1	2.1
2014-15	91.3	89.4	1.9
2015-16	92.0	89.5	2.5

A new Program of Study for Mathematics resulted in a new Grade 9 PAT for this subject.

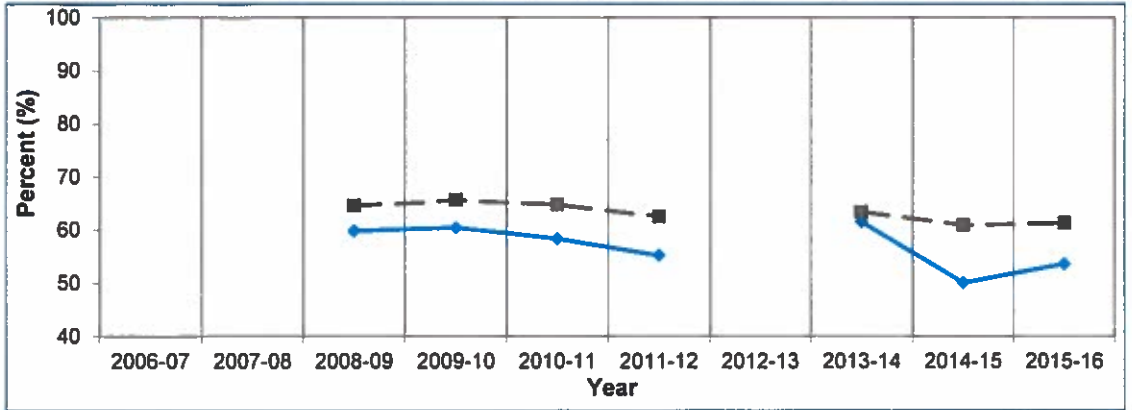
As a result of the flooding that substantially impacted Calgary and areas in southern Alberta in 2013, Alberta Education cancelled the June administration of the Grade 9 PAT for this subject. Results reflect only a small cohort of students who wrote in the January administration. Caution must be used in interpreting these results.

Grade 9 Mathematics Knowledge and Employability Results

*All Students Enrolled (Cohort)

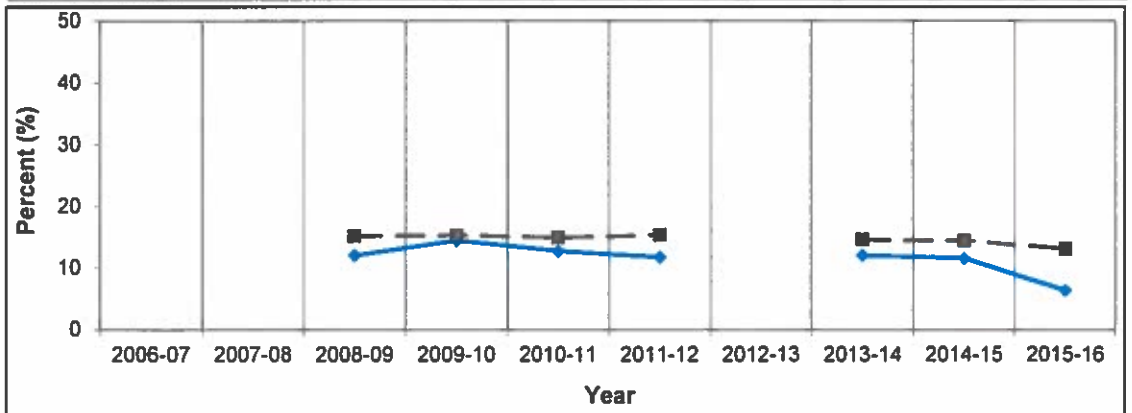
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE			59.8	60.4	58.3	55.2		61.5	50.0	53.6
Province			64.5	65.6	64.8	62.5		63.4	60.9	61.2
Difference			-4.7	-5.2	-6.5	-7.3		-1.9	-10.9	-7.6



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE			12.0	14.4	12.7	11.7		12.0	11.5	6.3
Province			15.1	15.3	14.9	15.3		14.5	14.4	13.0
Difference			-3.1	-0.9	-2.2	-3.6		-2.5	-2.9	-18.7



Participation

Year	CBE	Prov.	Diff.
2006-07			
2007-08			
2008-09	90.8	87.9	2.9
2009-10	84.7	87.3	-2.6
2010-11	85.5	87.2	-1.7
2011-12	84.1	87.1	-3.0
2012-13			
2013-14	84.5	86.2	-1.7
2014-15	85.0	85.9	-0.9
2015-16	85.5	86.8	-1.3

The KAE Mathematics PAT was introduced in the 2008-09 school year.

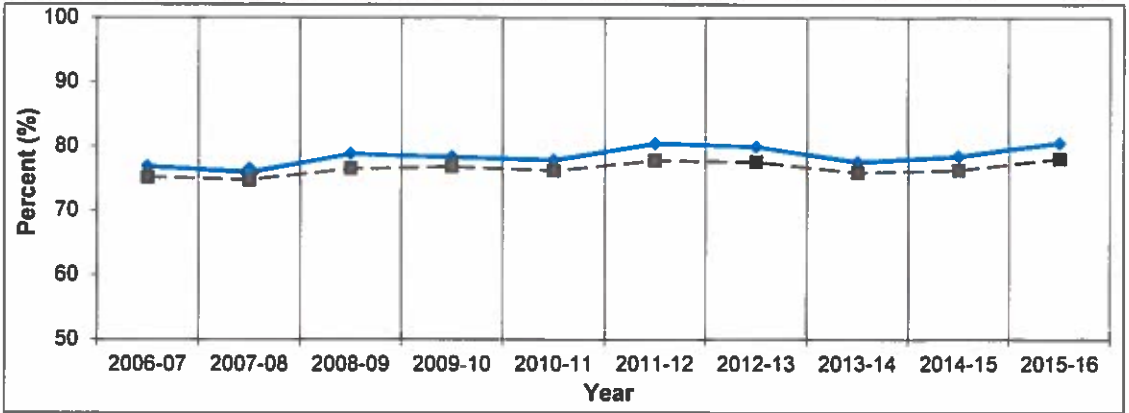
As a result of the flooding that substantially impacted Calgary and areas in southern Alberta in 2013, Alberta Education cancelled the June administration of the Grade 9 PAT for this subject.

Grade 6 Science Results

*All Students Enrolled (Cohort)

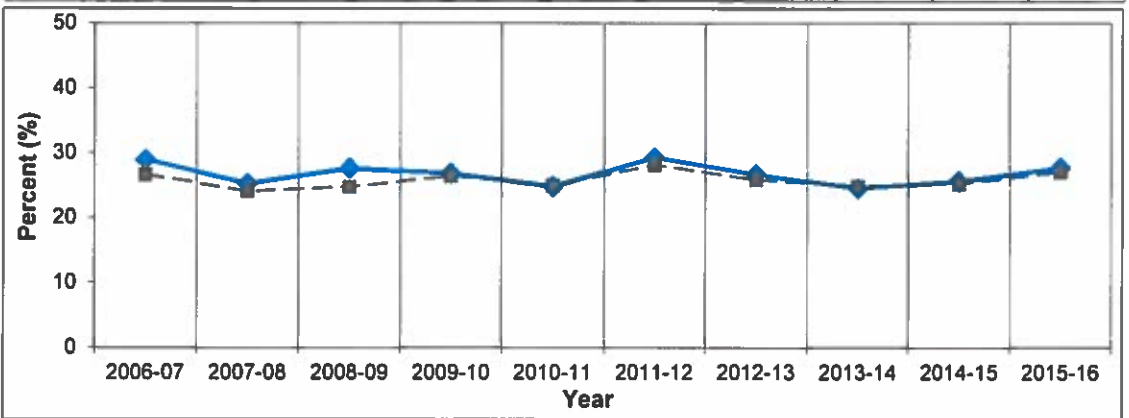
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE	76.8	75.9	78.8	78.3	77.8	80.4	79.9	77.5	78.4	80.5
Province	75.2	74.8	76.5	76.8	76.2	77.8	77.5	75.9	76.3	78.0
Difference	1.6	1.1	2.3	1.5	1.6	2.6	2.4	1.6	2.1	2.5



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE	28.9	25.2	27.6	26.8	24.8	29.3	26.7	24.5	25.6	27.7
Province	26.6	24.1	24.8	26.4	25.0	28.2	25.9	24.9	25.3	27.1
Difference	2.3	1.1	2.8	0.4	-0.2	1.1	0.8	-0.4	0.3	0.6



Participation

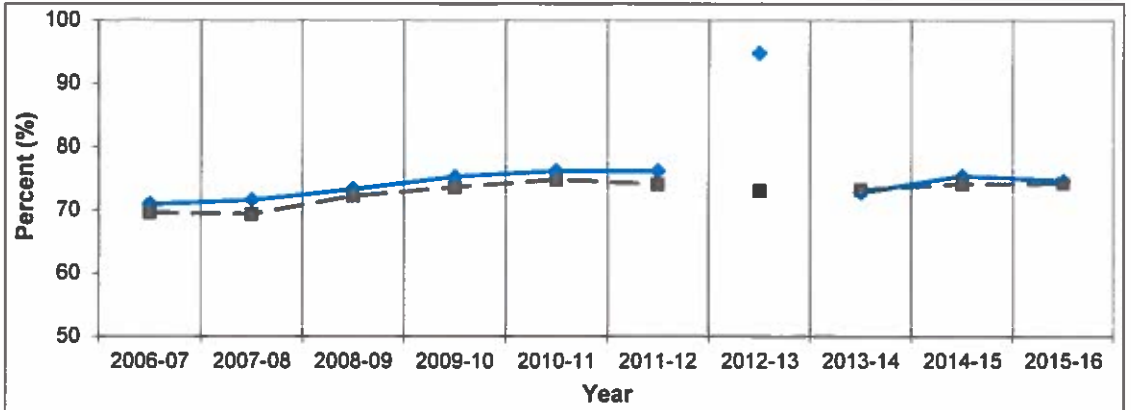
Year	CBE	Prov.	Diff.
2006-07	90.9	89.1	1.8
2007-08	90.8	89.0	1.8
2008-09	91.6	89.6	2.0
2009-10	92.3	90.5	1.8
2010-11	93.2	90.5	2.7
2011-12	94.2	90.8	3.4
2012-13	93.6	90.9	2.7
2013-14	93.2	90.2	3.0
2014-15	93.2	90.3	2.9
2015-16	93.8	90.6	3.2

Grade 9 Science Results

*All Students Enrolled (Cohort)

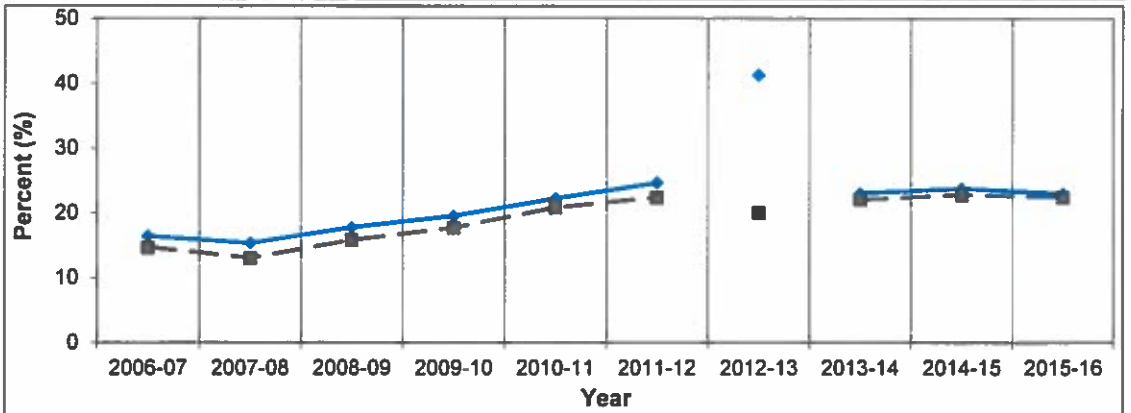
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE	70.9	71.5	73.2	75.2	76.1	76.1	94.7	72.7	75.3	74.5
Province	69.6	69.3	72.2	73.6	74.8	74.1	72.9	73.2	74.1	74.2
Difference	1.3	2.2	1.0	1.6	1.3	2.0	21.8	-0.5	1.2	0.3



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE	16.4	15.3	17.7	19.5	22.2	24.6	41.2	23.0	23.7	22.9
Province	14.7	13.0	15.8	17.7	20.8	22.4	20.0	22.1	22.8	22.4
Difference	1.7	2.3	1.9	1.8	1.4	2.2	21.2	0.9	0.9	0.5



Participation

Year	CBE	Prov.	Diff.
2006-07	90.8	88.8	2.0
2007-08	91.9	89.0	2.9
2008-09	92.2	90.4	1.8
2009-10	92.5	90.4	2.1
2010-11	92.7	90.0	2.7
2011-12	93.2	90.1	3.1
2012-13	97.7	89.3	8.4
2013-14	91.6	89.6	2.0
2014-15	91.8	89.9	1.9
2015-16	92.3	89.9	2.4

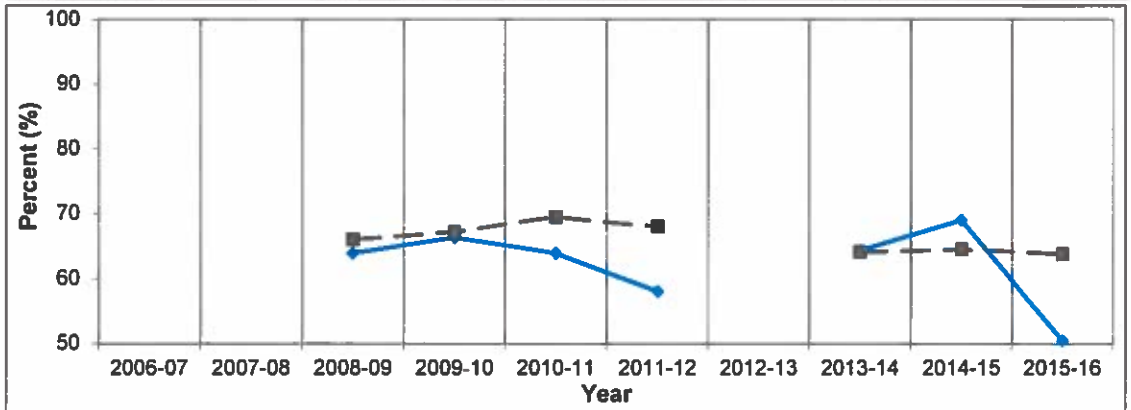
As a result of the flooding that substantially impacted Calgary and areas in southern Alberta in 2013, Alberta Education cancelled the June administration of the Grade 9 PAT for this subject. Results reflect only a small cohort of students who wrote in the January administration. Caution must be used in interpreting these results.

Grade 9 Science Knowledge and Employability Results

*All Students Enrolled (Cohort)

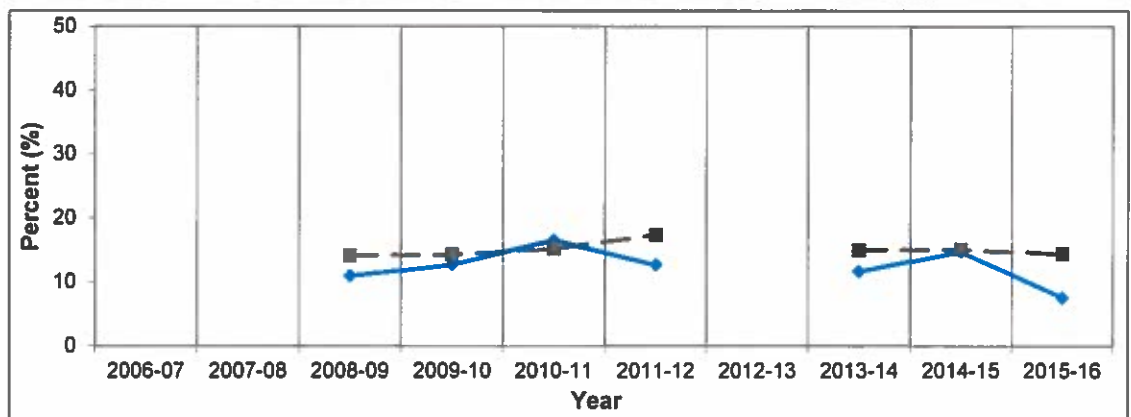
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE			63.9	66.3	63.9	58.0		64.3	69.0	50.4
Province			66.0	67.2	69.5	67.9		64.1	64.5	63.8
Difference			-2.1	-0.9	-5.6	-9.9		0.2	4.5	-13.4



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE			10.9	12.7	16.5	12.6		14.3	15.2	17.3
Province			14.1	14.3	15.2	17.3		14.9	15.1	14.3
Difference			-3.2	-1.6	1.3	-4.7		-0.6	0.1	3.0



Participation

Year	CBE	Prov.	Diff.
2006-07			
2007-08			
2008-09	90.1	87.2	2.9
2009-10	83.2	86.7	-3.5
2010-11	87.7	87.1	0.6
2011-12	81.1	85.6	-4.5
2012-13			
2013-14	82.9	85.6	-2.7
2014-15	88.8	87.0	1.8
2015-16	78.9	85.4	-6.5

The KAE Science PAT was introduced in the 2008-09 school year.

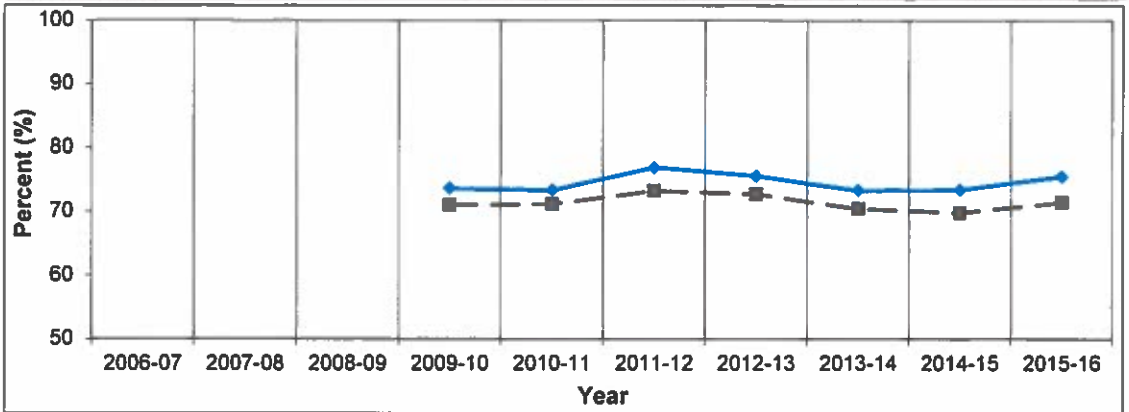
As a result of the flooding that substantially impacted Calgary and areas in southern Alberta in 2013, Alberta Education cancelled the June administration of the Grade 9 PAT.

Grade 6 Social Studies Results

*All Students Enrolled (Cohort)

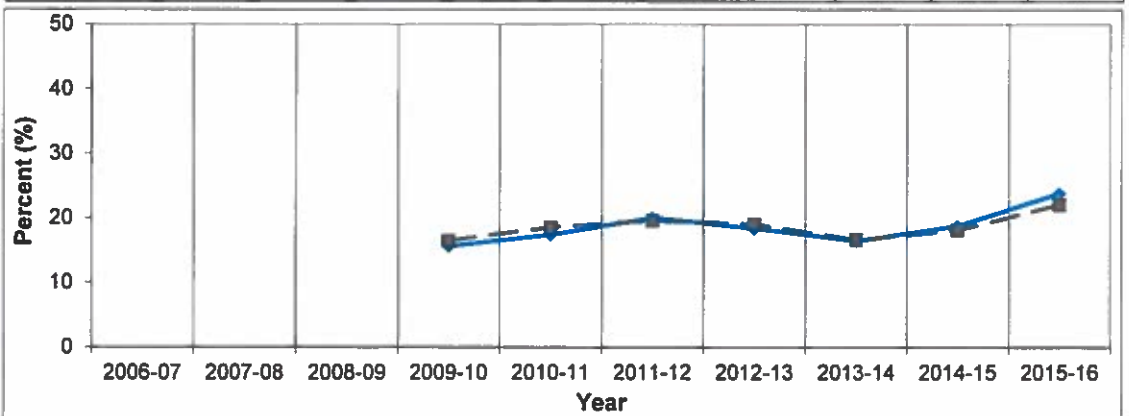
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE				73.5	73.2	76.8	75.5	73.2	73.3	75.4
Province				71.0	71.1	73.2	72.7	70.4	69.8	71.4
Difference				2.5	2.1	3.6	2.8	2.8	3.5	4.0



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE				15.5	17.3	19.9	18.3	16.4	18.7	23.7
Province				16.4	18.5	19.5	19.0	16.6	18.1	22.0
Difference				-0.9	-1.2	0.4	-0.7	-0.2	0.6	1.7



Participation

Year	CBE	Prov.	Diff.
2006-07			
2007-08			
2008-09			
2009-10	92.6	90.3	2.3
2010-11	93.3	90.5	2.8
2011-12	94.0	90.7	3.3
2012-13	92.1	90.1	2.0
2013-14	92.6	89.6	3.0
2014-15	92.9	89.8	3.1
2015-16	93.5	90.2	3.3

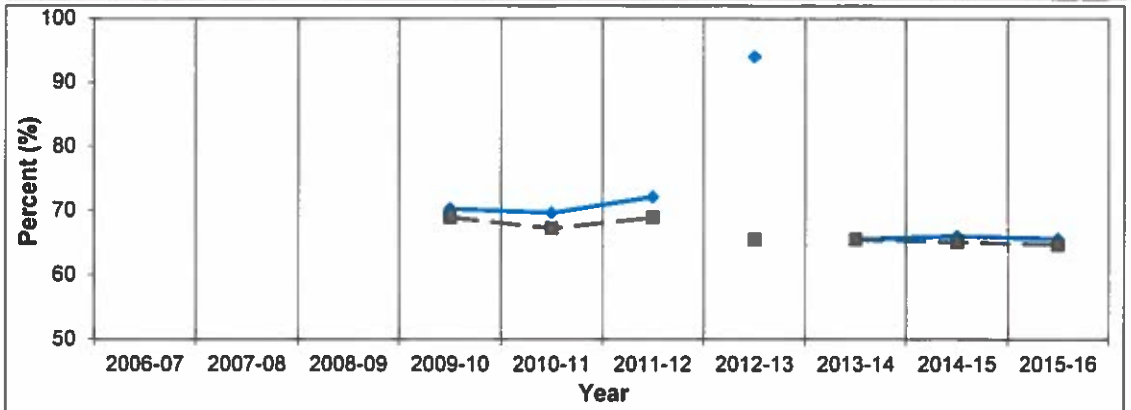
A new Program of Study for Social Studies resulted in a new Social Studies 6 PAT.

Grade 9 Social Studies Results

*All Students Enrolled (Cohort)

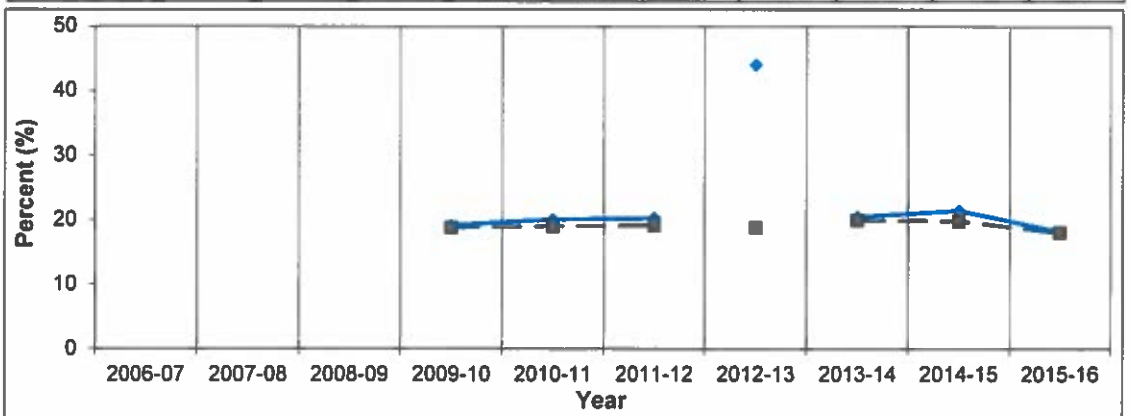
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE				70.2	69.6	72.1	94.0	65.5	66.0	65.6
Province				68.9	67.2	68.9	65.5	65.5	65.1	64.7
Difference				1.3	2.4	3.2	28.5	0.0	0.9	0.9



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE				19.1	20.0	20.2	44.0	20.4	21.4	18.1
Province				18.8	19.0	19.1	18.8	19.9	19.8	18.0
Difference				0.3	1.0	1.1	25.2	0.5	1.6	0.1



Participation

Year	CBE	Prov.	Diff.
2006-07			
2007-08			
2008-09			
2009-10	92.2	90.2	2.0
2010-11	91.4	88.8	2.6
2011-12	91.9	89.1	2.8
2012-13	99.0	88.6	10.4
2013-14	90.6	88.7	1.9
2014-15	90.6	88.6	2.0
2015-16	90.9	89.1	1.8

A new Program of Study for Social Studies resulted in a new Social Studies 9 PAT.

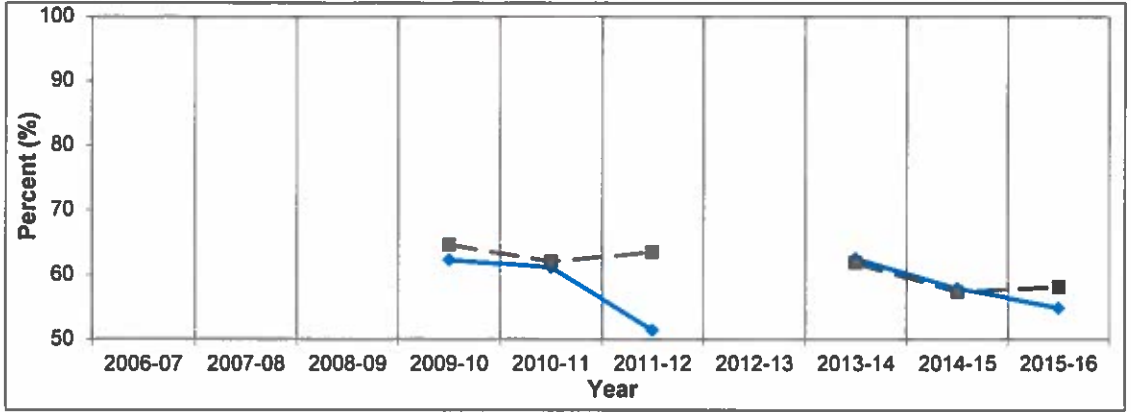
As a result of the flooding that substantially impacted Calgary and areas in southern Alberta in 2013, Alberta Education cancelled the June administration of the Grade 9 PAT for this subject. Results reflect only a small cohort of students who wrote in the January administration. Caution must be used in interpreting these results.

Grade 9 Social Studies Knowledge and Employability Results

*All Students Enrolled (Cohort)

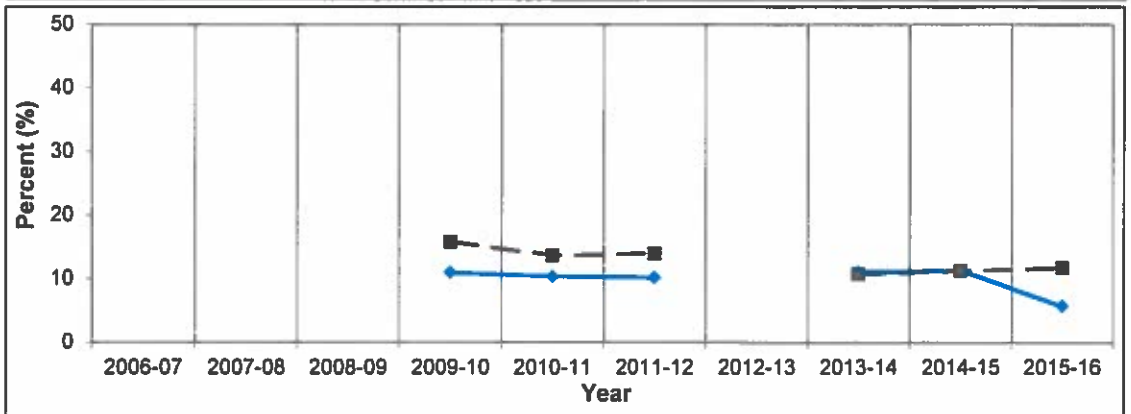
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE				62.2	61.0	51.4		62.4	57.8	54.8
Province				64.6	61.9	63.5		61.8	57.3	58.0
Difference				-2.4	-0.9	-12.1		0.6	0.5	-3.2



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE				10.9	10.3	10.1		11.0	11.2	5.6
Province				15.7	13.6	13.9		10.7	11.2	11.6
Difference				-4.8	-13.6	-3.8		0.3	0.0	-6.0



Participation

Year	CBE	Prov.	Diff.
2009-10	82.2	85.2	-3.0
2010-11	87.0	84.1	2.9
2011-12	79.7	84.0	-4.3
2012-13			
2013-14	83.5	84.5	-1.0
2014-15	89.7	85.4	4.3
2015-16	81.5	83.5	-2.0

The KAE Social Studies PAT was introduced in the 2009-10 school year when the new program of study was implemented.

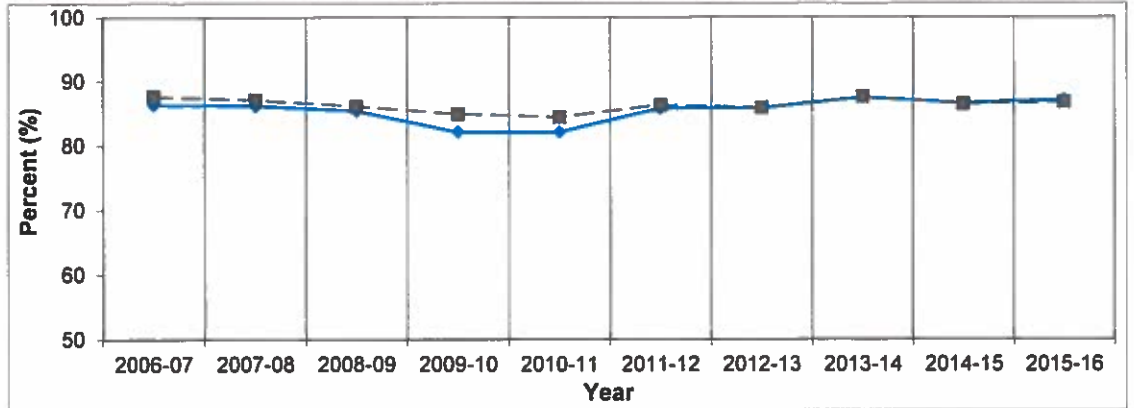
As a result of the flooding that substantially impacted Calgary and areas in southern Alberta in 2013, Alberta Education cancelled the June administration of the Grade 9 PAT for this subject.

Diploma Examination Details

English Language Arts 30-1

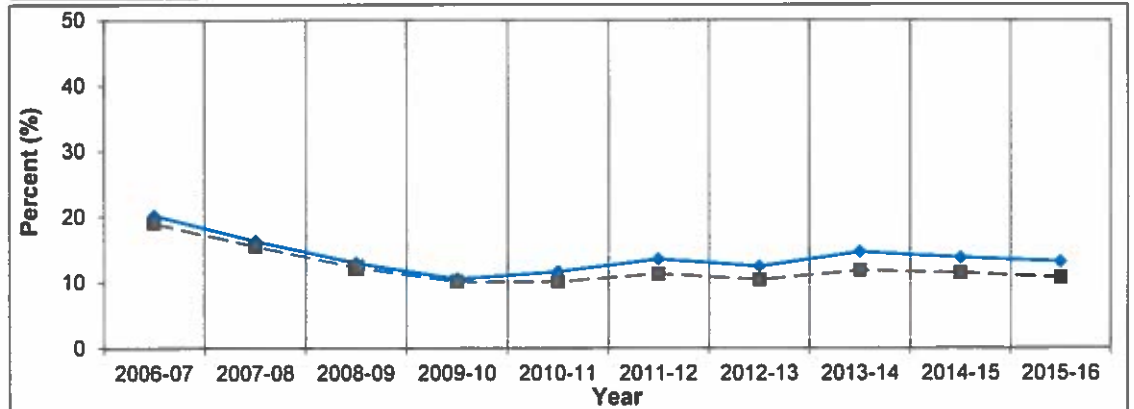
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE	86.4	86.2	85.4	82.1	82.1	85.8	85.8	87.5	86.6	87.1
Province	87.7	87.1	86.1	84.9	84.4	86.3	85.9	87.6	86.5	86.8
Difference	-1.3	-0.9	-0.7	-2.8	-2.3	-0.5	-0.1	-0.1	0.1	0.3



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE	20.2	16.3	12.9	10.5	11.6	13.5	12.4	14.6	13.7	13.1
Province	19.0	15.5	12.3	10.1	10.1	11.3	10.4	11.8	11.4	10.7
Difference	1.2	0.8	0.6	0.4	1.5	2.2	2.0	2.8	2.3	2.4



Participation

Year	CBE	Prov.	Diff.
2006-07			
2007-08			
2008-09	58.6	54.0	4.6
2009-10	60.1	54.5	5.6
2010-11	61.0	54.9	6.1
2011-12	59.9	54.7	5.2
2012-13	59.3	53.9	5.4
2013-14	61.2	54.0	7.2
2014-15	60.3	53.2	7.1
2015-16	61.7	53.9	7.8

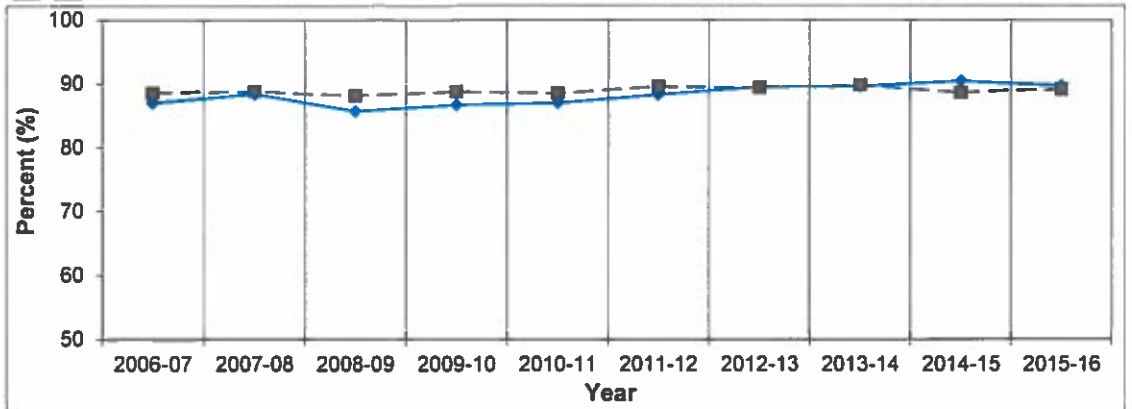
Effective September 2015, weighting on the diploma examination was reduced to 30% from 50%. Caution must be used in inferring trends with previous years.

For the 2012-13 school year, Alberta Education revised its method for calculating participation rates. Results are based upon a cohort of grade 10 students who are tracked over time. The results show the percentage of students in this cohort who complete the diploma exams by the end of their third year of high school. They recalculated the participation rate for the years to 2008-09 to 2011-12. Participation rates prior to 2008-09 have not been included because no comparison can be made.

English Language Arts 30-2

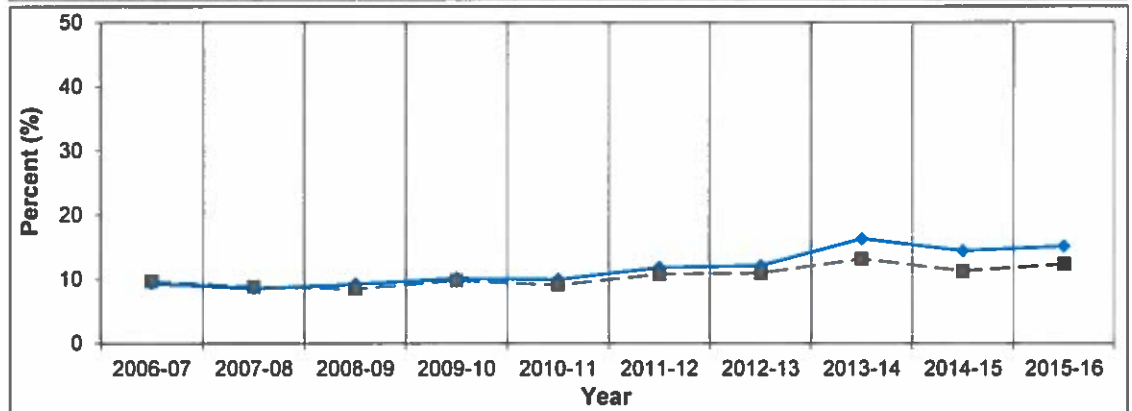
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE	87.0	88.4	85.7	86.7	87.0	88.3	89.5	89.6	90.4	89.6
Province	88.6	88.8	88.2	88.8	88.6	89.6	89.4	89.8	88.6	89.1
Difference	-1.6	-0.4	-2.5	-2.1	-1.6	-1.3	0.1	-0.2	1.8	0.5



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE	9.3	8.5	9.2	10.1	9.9	11.7	12.0	16.2	14.3	15.0
Province	9.7	8.8	8.5	9.8	9.1	10.7	10.9	13.1	11.2	12.3
Difference	-0.4	-0.3	0.7	0.3	0.8	1.0	1.1	3.1	3.1	2.7



Participation

Year	CBE	Prov.	Diff.
2006-07			
2007-08			
2008-09	18.7	24.5	-5.8
2009-10	20.0	25.1	-5.1
2010-11	20.4	26.1	-5.7
2011-12	21.0	25.9	-4.9
2012-13	23.4	27.1	-3.7
2013-14	22.3	28.0	-5.7
2014-15	22.4	28.7	-6.3
2015-16	21.6	28.6	-7.0

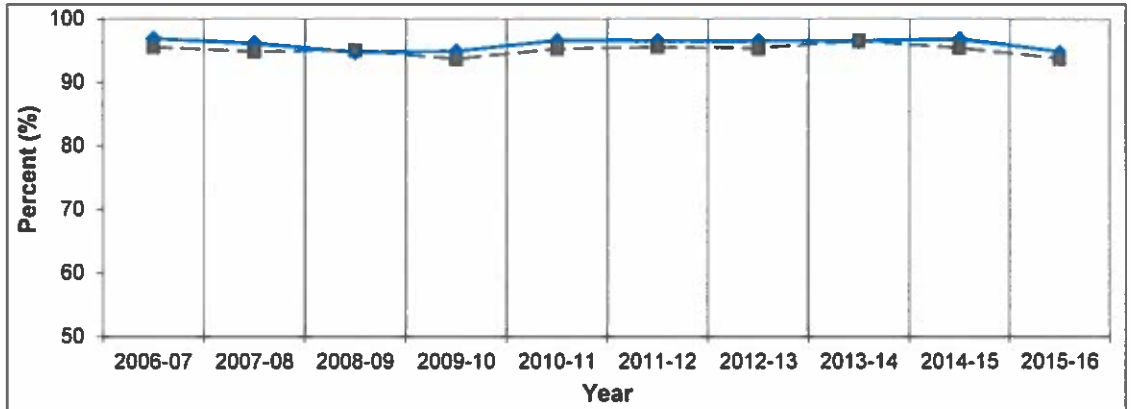
Effective September 2015, weighting on the diploma examination was reduced to 30% from 50%, impacting the interpretation of the results with previous years.

For the 2012-13 school year, Alberta Education revised its method for calculating participation rates. Results are based upon a cohort of grade 10 students who are tracked over time. The results show the percentage of students in this cohort who complete the diploma exams by the end of their third year of high school. They recalculated the participation rate for the years to 2008-09 to 2011-12. Participation rates prior to 2008-09 have not been included because no comparison can be made.

French Language Arts 30-1

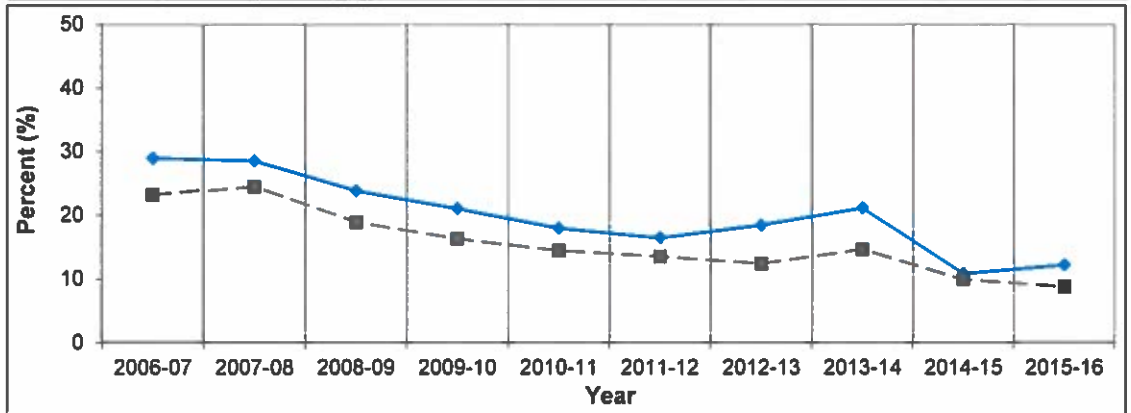
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE	96.9	96.1	94.7	94.9	96.6	96.5	96.5	96.5	96.8	94.9
Province	95.6	94.9	95.1	93.7	95.3	95.6	95.4	96.6	95.5	93.8
Difference	1.3	1.2	-0.4	1.2	1.3	0.9	1.1	-0.1	1.3	1.1



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE	28.9	28.5	23.8	21.0	17.9	16.4	18.4	21.1	10.8	12.1
Province	23.1	24.5	18.9	16.3	14.4	13.5	12.4	14.6	9.9	8.7
Difference	5.8	4.0	4.9	4.7	3.5	2.9	6.0	6.5	0.9	3.4



Participation

Year	CBE	Prov.	Diff.
2006-07			
2007-08			
2008-09	5.5	2.7	2.8
2009-10	5.6	2.9	2.7
2010-11	5.2	2.8	2.4
2011-12	4.8	2.7	2.1
2012-13	4.8	2.7	2.1
2013-14	4.2	2.7	1.5
2014-15	5.1	2.8	2.3
2015-16	4.6	2.8	1.8

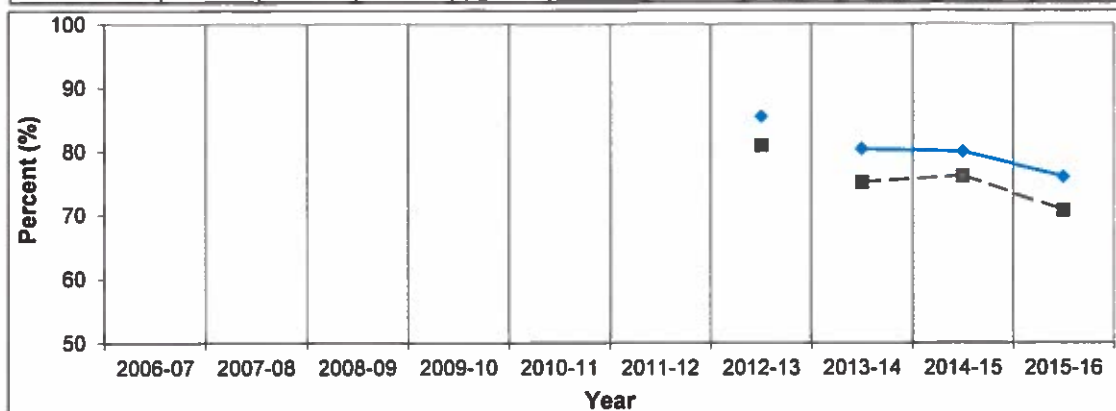
Effective September 2015, weighting on the diploma examination was reduced to 30% from 50%, impacting the interpretation of the results with previous years.

For the 2012-13 school year, Alberta Education revised its method for calculating participation rates. Results are based upon a cohort of grade 10 students who are tracked over time. The results show the percentage of students in this cohort who complete the diploma exams by the end of their third year of high school. They recalculated the participation rate for the years to 2008-09 to 2011-12. Participation rates prior to 2008-09 have not been included because no comparison can be made.

Mathematics 30-1

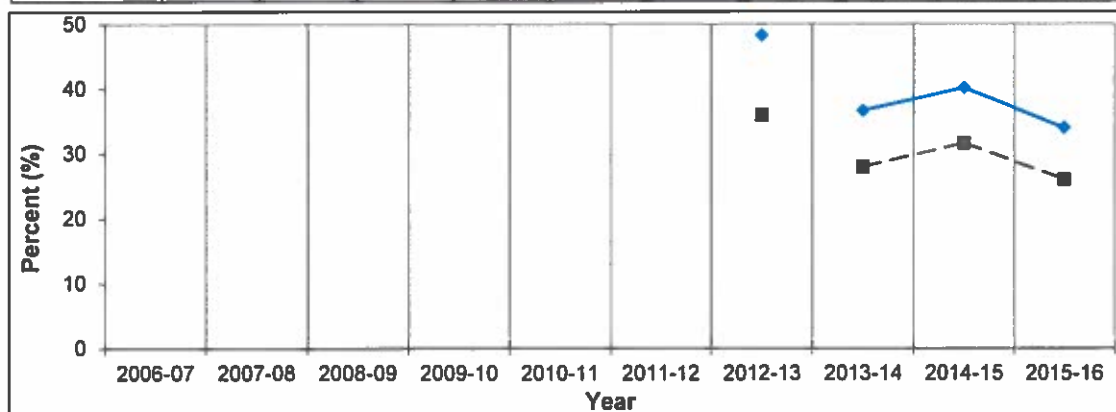
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE							85.5	80.4	79.9	76.0
Province							80.9	75.1	76.1	70.7
Difference							4.6	5.3	3.8	5.3



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE							48.3	36.6	40.1	33.9
Province							35.9	27.9	31.6	25.9
Difference							12.4	8.7	8.5	8.0



Participation

Year	CBE	Prov.	Diff.
2006-07			
2007-08			
2008-09			
2009-10			
2010-11			
2011-12			
2012-13	31.6	29.7	1.9
2013-14	45.5	37.3	8.2
2014-15	47.2	37.1	10.1
2015-16	46.5	36.4	10.1

A new Program of Study for Mathematics 30-1 in 2012-13 resulted in a new diploma exam.

Effective September 2015, weighting on the diploma examination was reduced to 30% from 50%, impacting the interpretation of the results with previous years.

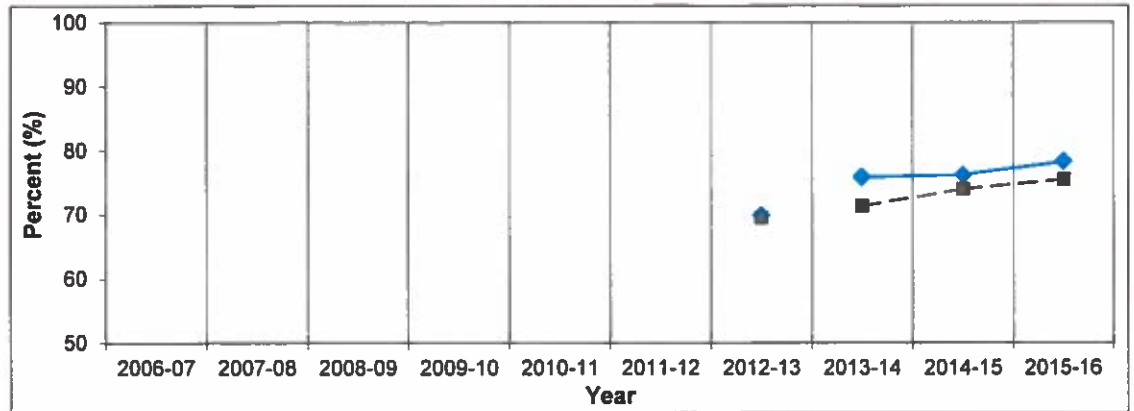
For the 2012-13 school year, Alberta Education revised its method for calculating participation rates. Results are based upon a cohort of grade 10 students who are tracked over time. The results show the percentage of students in this cohort who complete the diploma exams by the end of their third year of high school. They recalculated the participation rate for the years to 2008-09 to 2011-12. Participation rates prior to 2008-09 have not been included because no comparison can be made.

Participation in diploma exams was impacted by the flooding in June 2013. Caution should be used when interpreting trends over time for the province and those school authorities affected by the floods.

Mathematics 30-2

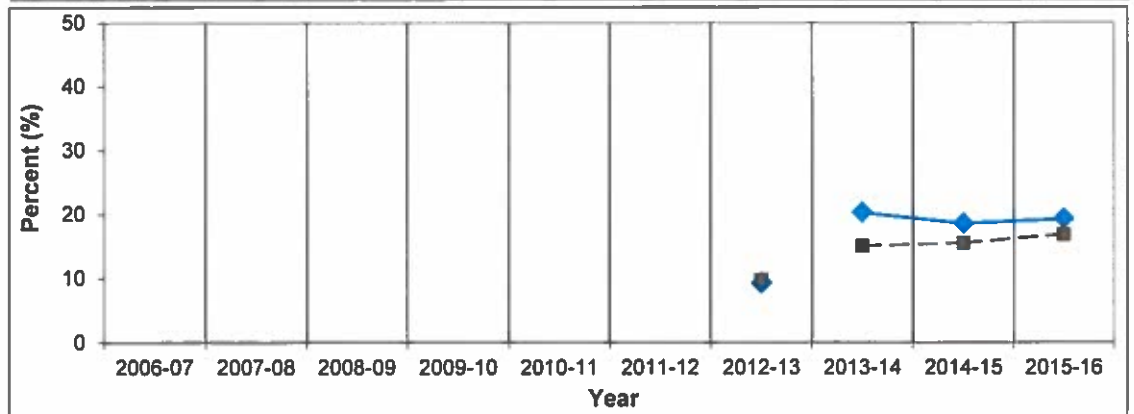
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE							69.8	75.8	76.1	78.2
Province							69.5	71.3	73.9	75.4
Difference							0.3	4.5	2.2	2.8



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE							9.2	20.2	18.5	19.2
Province							9.6	15.0	15.5	16.8
Difference							-0.6	5.2	3.0	2.4



Participation

Year	CBE	Prov.	Diff.
2006-07			
2007-08			
2008-09			
2009-10			
2010-11			
2011-12			
2012-13	11.4	16.7	-5.3
2013-14	18.6	21.4	-2.8
2014-15	18.9	22.4	-3.5
2015-16	20.5	23.6	-3.1

A new Program of Study for Mathematics 30-2 in 2012-13 resulted in a new diploma exam.

Effective September 2015, weighting on the diploma examination was reduced to 30% from 50%, impacting the interpretation of the results with previous years.

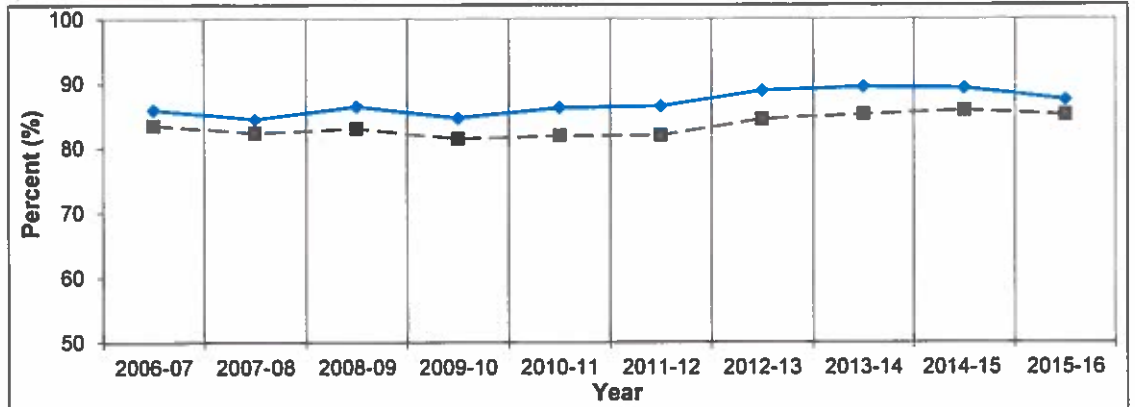
For the 2012-13 school year, Alberta Education revised its method for calculating participation rates. Results are based upon a cohort of grade 10 students who are tracked over time. The results show the percentage of students in this cohort who complete the diploma exams by the end of their third year of high school. They recalculated the participation rate for the years to 2008-09 to 2011-12. Participation rates prior to 2008-09 have not been included because no comparison can be made.

Participation in diploma exams was impacted by the flooding in June 2013. Caution should be used when interpreting trends over time for the province and those school authorities affected by the floods.

Biology 30

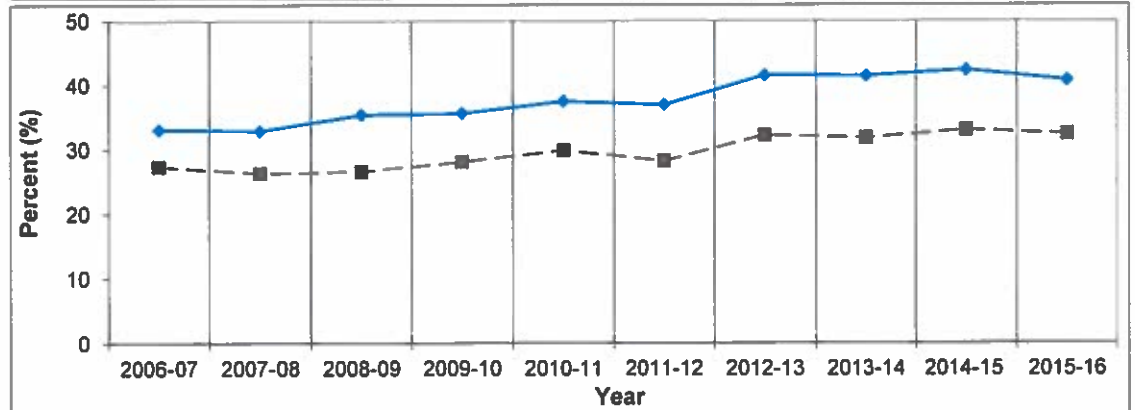
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE	85.9	84.4	86.4	84.6	86.2	86.4	88.8	89.4	89.2	87.4
Province	83.5	82.3	83.0	81.4	81.9	81.9	84.4	85.2	85.8	85.1
Difference	2.4	2.1	3.4	3.2	4.3	4.5	4.4	4.2	3.4	2.3



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE	33.1	32.9	35.4	35.6	37.5	36.9	41.5	41.4	42.3	40.7
Province	27.4	26.3	26.6	28.1	29.9	28.2	32.2	31.8	33.0	32.4
Difference	5.7	6.6	8.8	7.5	7.6	8.7	9.3	9.6	9.3	8.3



Participation

Year	CBE	Prov.	Diff.
2006-07			
2007-08			
2008-09	37.4	39.8	-2.4
2009-10	39.0	41.2	-2.2
2010-11	41.8	42.8	-1.0
2011-12	42.2	42.8	-0.6
2012-13	41.8	42.2	-0.4
2013-14	42.6	41.4	1.2
2014-15	41.7	40.6	1.1
2015-16	42.3	40.6	1.7

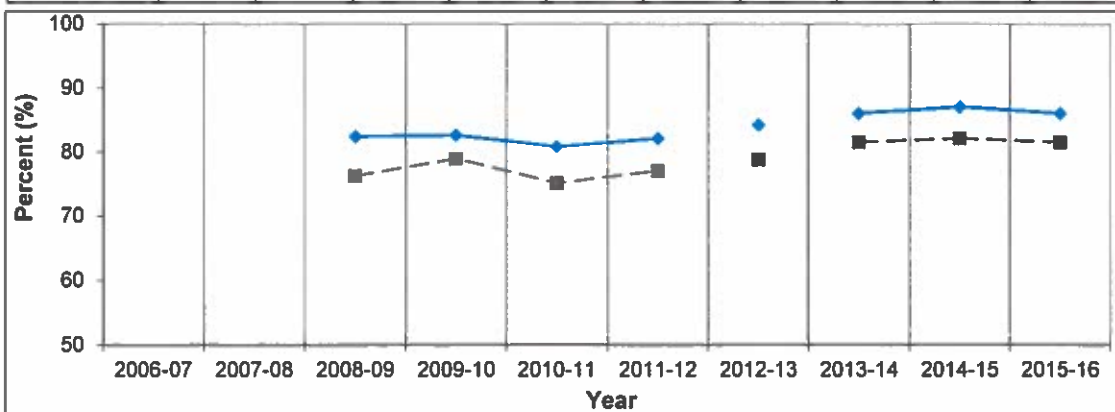
Effective September 2015, weighting on the diploma examination was reduced to 30% from 50%, impacting the interpretation of the results with previous years.

For the 2012-13 school year, Alberta Education revised its method for calculating participation rates. Results are based upon a cohort of grade 10 students who are tracked over time. The results show the percentage of students in this cohort who complete the diploma exams by the end of their third year of high school. They recalculated the participation rate for the years to 2008-09 to 2011-12. Participation rates prior to 2008-09 have not been included because no comparison can be made.

Chemistry 30

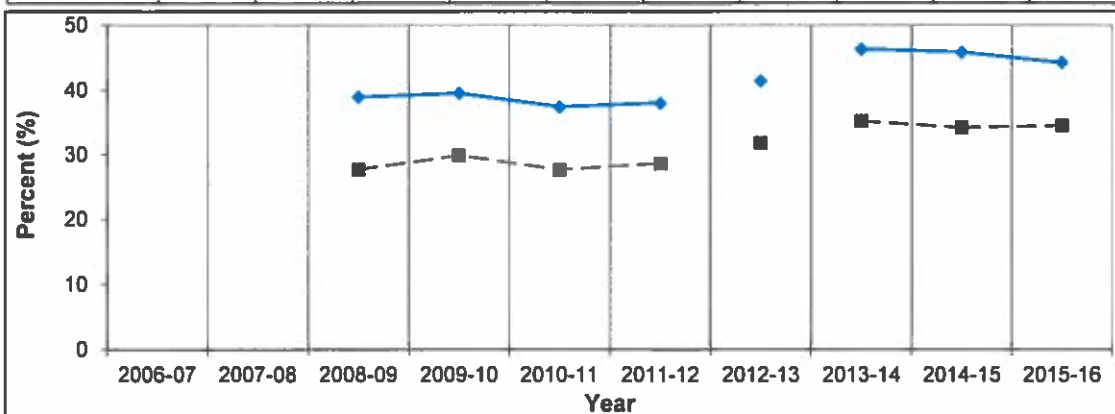
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE			82.4	82.6	80.8	82.1	84.2	86.0	87.0	86.0
Province			76.3	79.0	75.1	77.1	78.8	81.5	82.1	81.5
Difference			6.1	3.6	5.7	5.0	5.4	4.5	4.9	4.5



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE			38.9	39.5	37.4	38.0	41.4	46.3	45.8	44.2
Province			27.7	29.9	27.7	28.7	31.8	35.2	34.2	34.5
Difference			11.2	9.6	9.7	9.3	9.6	11.1	11.6	9.7



Participation

Year	CBE	Prov.	Diff.
2006-07			
2007-08			
2008-09	33.3	29.7	3.6
2009-10	39.6	35.2	4.4
2010-11	41.4	36.0	5.4
2011-12	42.1	36.4	5.7
2012-13	28.2	31.5	-3.3
2013-14	41.5	34.7	6.8
2014-15	42.5	35.7	6.8
2015-16	43.0	35.5	7.5

A new Program of Study for Chemistry 30 in 2008-09 resulted in a new diploma exam.

Effective September 2015, weighting on the diploma examination was reduced to 30% from 50%, impacting the interpretation of the results with previous years.

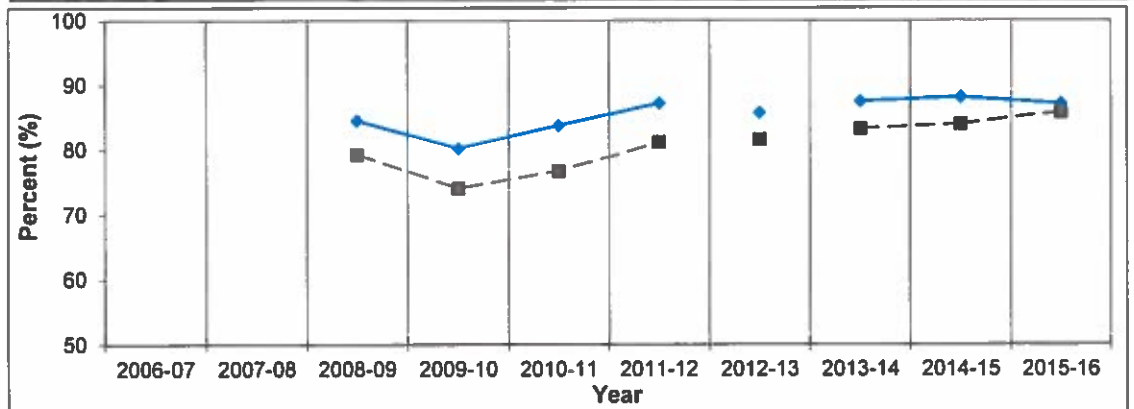
For the 2012-13 school year, Alberta Education revised its method for calculating participation rates. Results are based upon a cohort of grade 10 students who are tracked over time. The results show the percentage of students in this cohort who complete the diploma exams by the end of their third year of high school. They recalculated the participation rate for the years to 2008-09 to 2011-12. Participation rates prior to 2008-09 have not been included because no comparison can be made.

Participation in diploma exams was impacted by the flooding in June 2013. Caution should be used when interpreting trends over time for the province and those school authorities affected by the floods.

Physics 30

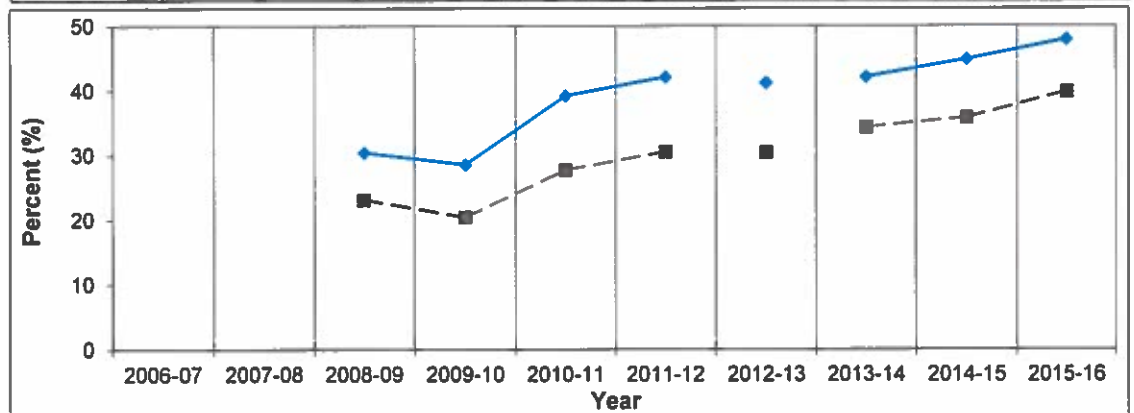
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE			84.5	80.2	83.7	87.2	85.7	87.5	88.1	87.1
Province			79.3	74.0	76.7	81.1	81.5	83.2	83.9	85.8
Difference			5.2	6.2	7.0	6.1	4.2	4.3	4.2	1.3



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE			30.4	28.5	39.2	42.1	41.2	42.1	44.8	47.9
Province			23.1	20.4	27.7	30.5	30.4	34.3	35.8	39.8
Difference			7.3	8.1	11.5	11.6	10.8	7.8	9.0	8.1



Participation

Year	CBE	Prov.	Diff.
2006-07			
2007-08			
2008-09	18.5	17.5	1.0
2009-10	21.7	20.0	1.7
2010-11	22.6	20.6	2.0
2011-12	22.0	20.2	1.8
2012-13	15.1	17.3	-2.2
2013-14	23.3	20.0	3.3
2014-15	23.8	19.8	4.0
2015-16	23.5	19.3	4.2

A new Program of Study for Physics 30 in 2008-09 resulted in a new diploma exam.

For the 2012-13 school year, Alberta Education revised its method for calculating participation rates. Results are based upon a cohort of grade 10 students who are tracked over time. The results show the percentage of students in this cohort who complete the diploma exams by the end of their third year of high school. They recalculated the participation rate for the years to 2008-09 to 2011-12. Participation rates prior to 2008-09 have not been included because no comparison can be made.

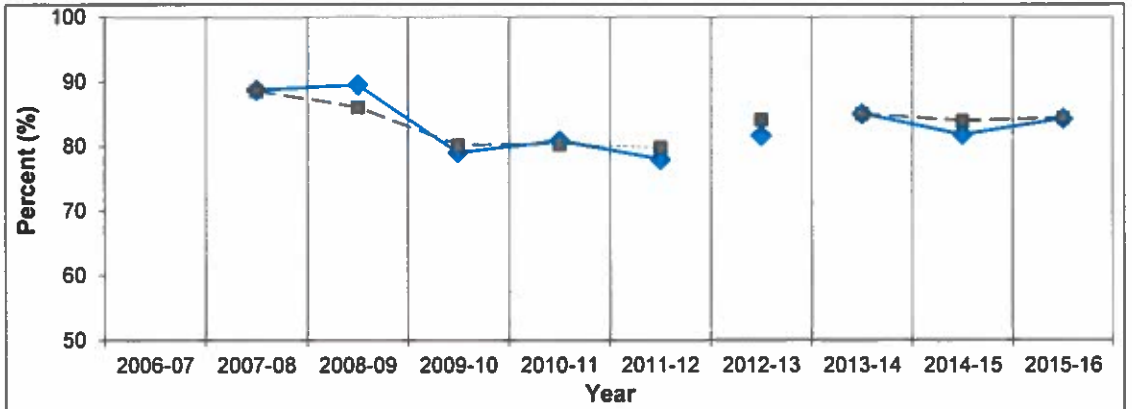
Participation in diploma exams was impacted by the flooding in June 2013. Caution should be used when interpreting trends over time for the province and those school authorities affected by the floods.

Effective September 2015, weighting on the diploma examination was reduced to 30% from 50%, impacting the interpretation of the results with previous years.

Science 30

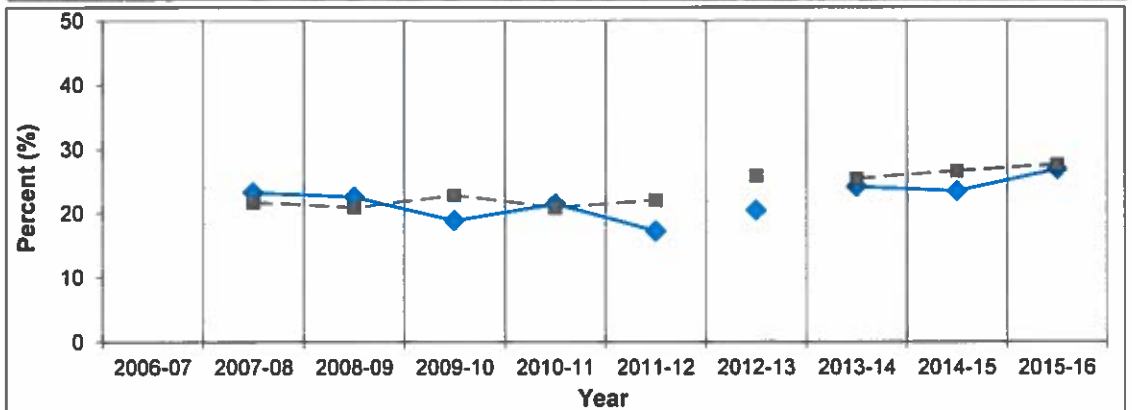
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE		88.7	89.4	78.9	80.8	77.9	81.6	85.0	81.7	84.2
Province		88.6	86.0	80.1	80.3	79.8	84.1	85.0	83.9	84.4
Difference		0.1	3.4	-1.2	0.5	-1.9	-2.5	0.0	-2.2	-0.2



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE		23.2	22.5	18.8	21.4	17.2	20.4	24.1	23.4	26.8
Province		21.7	20.9	22.8	20.9	22.0	25.8	25.4	26.6	27.6
Difference		1.5	1.6	-4.0	0.5	-4.8	-5.4	-1.3	-3.2	-0.8



Participation

Year	CBE	Prov.	Diff.
2006-07			
2007-08			
2008-09	7.4	8.2	-0.8
2009-10	8.6	9.0	-0.4
2010-11	8.7	9.1	-0.4
2011-12	9.6	10.3	-0.7
2012-13	6.0	9.8	-3.8
2013-14	12.0	12.8	-0.8
2014-15	13.1	14.1	-1.0
2015-16	14.9	15.7	-0.8

A new Program of Study for Science 30 in 2007-08 resulted in a new diploma exam.

For the 2012-13 school year, Alberta Education revised its method for calculating participation rates. Results are based upon a cohort of grade 10 students who are tracked over time. The results show the percentage of students in this cohort who complete the diploma exams by the end of their third year of high school. They recalculated the participation rate for the years to 2008-09 to 2011-12. Participation rates prior to 2008-09 have not been included because no comparison can be made.

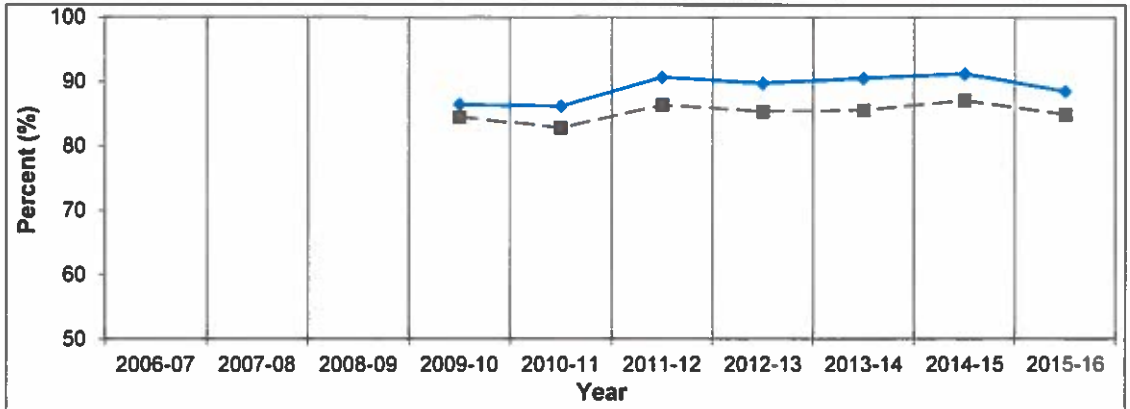
Participation in diploma exams was impacted by the flooding in June 2013. Caution should be used when interpreting trends over time for the province and those school authorities affected by the floods.

Effective September 2015, weighting on the diploma examination was reduced to 30% from 50%, impacting the interpretation of the results with previous years.

Social Studies 30-1

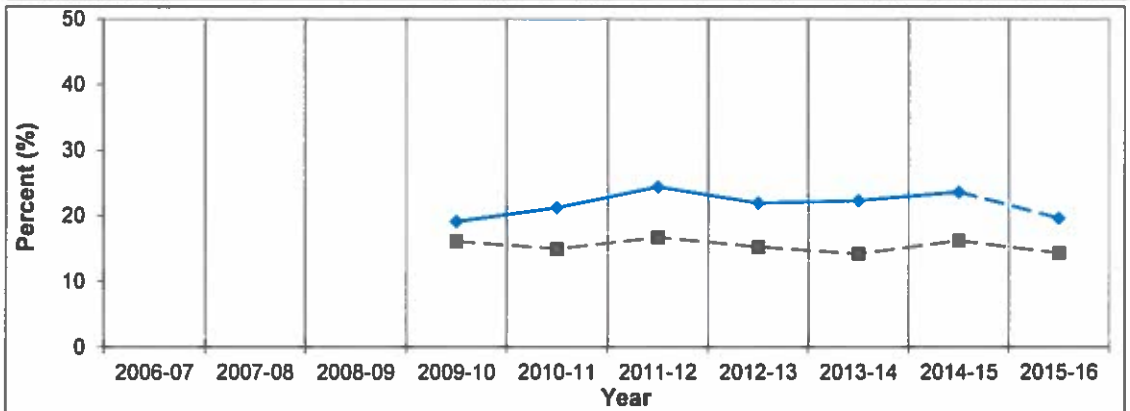
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE				86.4	86.1	90.6	89.7	90.5	91.2	88.5
Province				84.5	82.8	86.3	85.4	85.6	87.1	84.9
Difference				1.9	3.3	4.3	4.3	4.9	4.1	3.6



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE				19.1	21.2	24.4	21.9	22.3	23.6	19.6
Province				16.1	14.9	16.7	15.2	14.3	16.2	14.3
Difference				3.0	6.3	7.7	6.7	8.1	7.4	5.3



Participation

Year	CBE	Prov.	Diff.
2006-07			
2007-08			
2008-09			
2009-10	49.7	45.7	4.0
2010-11	50.9	48.2	2.7
2011-12	48.0	47.6	0.4
2012-13	44.2	45.8	-1.6
2013-14	45.0	45.1	-0.1
2014-15	43.7	43.5	0.2
2015-16	46.9	45.0	1.9

A new Program of Study for Social Studies 30-1 in 2009-10 resulted in a new diploma exam.

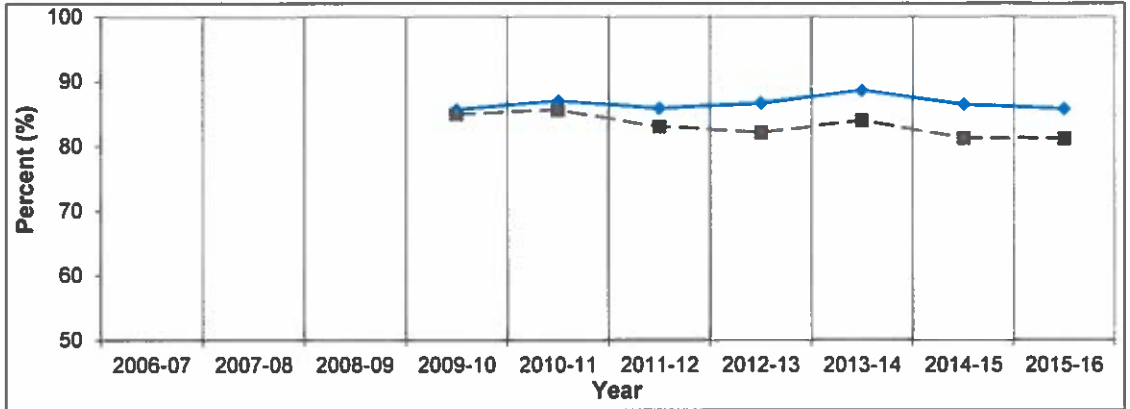
For the 2012-13 school year, Alberta Education revised its method for calculating participation rates. Results are based upon a cohort of grade 10 students who are tracked over time. The results show the percentage of students in this cohort who complete the diploma exams by the end of their third year of high school. They recalculated the participation rate for the years to 2008-09 to 2011-12. Participation rates prior to 2008-09 have not been included because no comparison can be made.

Effective September 2015, weighting on the diploma examination was reduced to 30% from 50%, impacting the interpretation of the results with previous years.

Social Studies 30-2

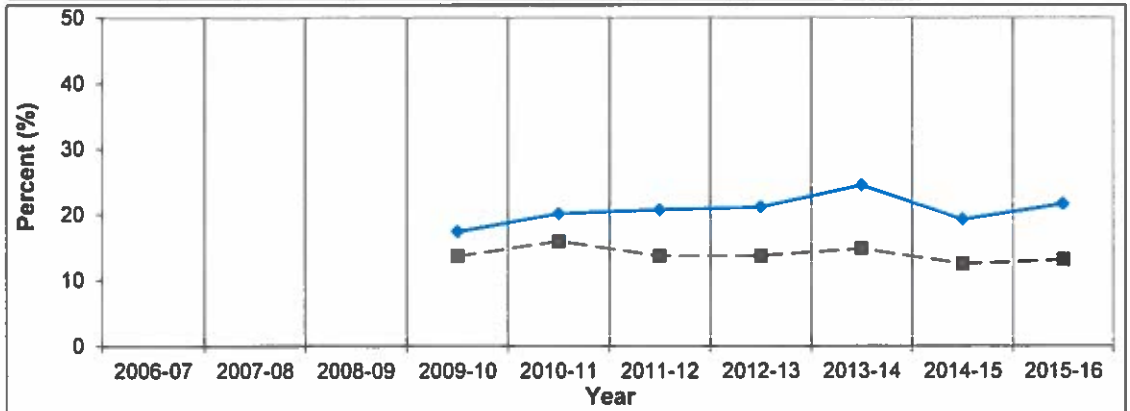
Acceptable Standard

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE				85.6	87.0	85.8	86.6	88.6	86.4	85.7
Province				85.0	85.6	83.0	82.2	83.9	81.3	81.1
Difference				0.6	1.4	2.8	4.4	4.7	5.1	4.6



Standard of Excellence

Year	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
CBE				17.4	20.1	20.7	21.1	24.4	19.2	21.6
Province				13.7	15.9	13.7	13.7	14.8	12.5	13.1
Difference				3.7	4.2	7.0	7.5	9.7	6.7	8.5



Participation

Year	CBE	Prov.	Diff.
2006-07			
2007-08			
2008-09			
2009-10	27.5	27.4	0.1
2010-11	29.1	31.0	-1.9
2011-12	31.6	31.9	-0.3
2012-13	36.0	33.8	2.2
2013-14	36.1	35.3	0.8
2014-15	37.4	36.7	0.7
2015-16	33.7	35.8	-2.1

A new Program of Study for Social Studies 30-2 in 2009-10 resulted in a new diploma exam.

For the 2012-13 school year, Alberta Education revised its method for calculating participation rates. Results are based upon a cohort of grade 10 students who are tracked over time. The results show the percentage of students in this cohort who complete the diploma exams by the end of their third year of high school. They recalculated the participation rate for the years to 2008-09 to 2011-12. Participation rates prior to 2008-09 have not been included because no comparison can be made.

Effective September 2015, weighting on the diploma examination was reduced to 30% from 50%, impacting the interpretation of the results with previous years.

The achievement of CBE students on the 2015-16 Provincial Achievement Tests and Diploma Examinations is one of the ways in which the Calgary Board of Education demonstrates the quality of student learning experiences and student success within the programs of study.

Results from 2015-16 demonstrate excellence and improvement in many areas of student learning and call attention to areas where efforts for continuous improvement can be focused.



DAVID STEVENSON
CHIEF SUPERINTENDENT OF SCHOOLS

GLOSSARY – Developed by the Board of Trustees

Board: Board of Trustees

Governance Culture: The Board defined its own work and how it will be carried out. These policies clearly state the expectations the Board has for individual and collective behaviour.

Board/Chief Superintendent Relationship: The Board defined in policy how authority is delegated to its only point of connection – the Chief Superintendent – and how the Chief Superintendent's performance will be evaluated.

Operational Expectations: These policies define both the nonnegotiable expectations and the clear boundaries within which the Chief Superintendent and staff must operate. They articulate the actions and decisions the Board would find either absolutely necessary or totally unacceptable.

Results: These are our statements of outcomes for each student in our district. The Results policies become the Chief Superintendent's and the organization's performance targets and form the basis for judging organization and Chief Superintendent performance.