



CBE K-12 Mathematics Strategy

COSC Pre-engagement Conversations

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



**Calgary Board
of Education**

Why are we here?



[Overview of math strategy](#)

Overview



- Why a Math Strategy?
- Engagement Process
- Parent Engagement and Dialogue

Why a Mathematics Strategy?

- A decline, in the past five years, of students meeting the Standard of Excellence on the Grade 6 PAT
- Approximately two-thirds of students, provincially and within the CBE, meeting the Acceptable Standard on the Grade 9 PAT
- CBE Grade 9 K&E PAT results lower than provincial results
- Increase the number of students attaining 30 level mathematics

Engagement Participation to December 2016

- Dialogue sessions with teachers, administrators, students, and post-secondary educators and mathematicians
- 30 dialogue engagement sessions
- 544 participants
 - 236 Teachers
 - 153 Administrators
 - 138 Students
 - 7 Post secondary educators/mathematicians
 - 10 Non-classroom based educators
 - 2 Corporate partners

Our Purpose for Parent Engagement

- To better understand the issues and concerns about mathematics learning
- To identify supports and resources for students and parent/guardians to enhance student success in mathematics
- To get input from parent/guardians on the CBE K-12 Mathematics Strategy

Not part of our focus today

We want to focus the conversation in the areas that parents can influence in the development of the math strategy for the CBE.

- Alberta Programs of Study
- The methods and practices of individual teachers
- Staffing
- Teacher education (post secondary)
- Teacher-student ratios

Strategy development

- The K-12 math strategy will be developed by the CBE, using input received through the engagement process.

Timeline

- February to April – Engage parents and community members, on-line and in person
- May and June –development of draft math strategy
- Before end of school year – Draft strategy shared with staff and community
- September 2017– Implementation begins

Dialogue Questions

1. What does it mean to be "good" in math?
2. What support does your child need to be successful in learning mathematics?
3. What would help you, as a parent/guardian, support your child as they learn mathematics?
4. What do you think is important for us to consider as we develop a CBE K-12 mathematics strategy?

Thank you





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