

Foundation / Prep College	<p>Context</p> <ul style="list-style-type: none"> • CMP results show slight improvement, but did not include foundation..... (biased, somewhat?) • Most college programs require 12C or 12U math course. <p>Comments</p> <ul style="list-style-type: none"> • Changing requirement – students lacking requirement to enter certain programs, thus have to take the prep courses. • Students by-passing the high school Math requirement, e.g., mature students can take Grade 5/6/7 test, thus getting into the program without the Grade 12 Math, but will take the prep courses / foundations courses. • Increasing the foundations type program will allow more students to access the program. • When colleges implement strategies (like prep courses / foundation courses), sometimes it augments the issue – need to be careful and stakeholders need to work together. • Mathematics is a symptom not a cause – need to get the students to engage in learning. • Need to ensure that students are in the appropriate pathways and are engaged.
Achievement in College	<p>Comments</p> <ul style="list-style-type: none"> • Difficulty for students in deciding where they will go, thus hard to plan ahead (in Grade 9) – need to help students plan and transition. • Cultural perspective in promoting Mathematics, learning, etc. Need to have the perception that everyone needs Math and everyone can do Math. • Value of learning as opposed to school – Having the culture that values learning and not just going to school.
Learning Skills	<p>General</p> <ul style="list-style-type: none"> • Learning skills are important.... They are related to success..... • Career clarity, learning skills are important. Teaching students to learn. <p>Comments</p> <ul style="list-style-type: none"> • What is the currency that connects the students to the learning skills e.g., attaching the learning skills to Ontario records card for admission may..... • What are the factors to encourage learning in students? What is the intrinsic motivation? • What are some other ways for students to learn? What are the other settings to learn? Not necessarily in the classroom..... • What is the motivation for learning? Student in Math → Apprenticeship → Math • Teaching learning vs. Teaching content.