



# WHAT FAMILIES WANT TO KNOW ABOUT DE-STREAMING

## DE-STREAMING

<p><b>What is streaming?</b></p>	<ul style="list-style-type: none"> <li>• Streaming means separating students into different course types.</li> <li>• In Ontario, students are currently streamed for Math, English, Science, Geography, History and French. The course types for these Grade 9 and 10 courses are Academic, Applied and Locally Developed.</li> </ul>
<p><b>What is de-streaming?</b></p>	<ul style="list-style-type: none"> <li>• De-streaming means that students will no longer be separated into Academic and Applied Streams.</li> <li>• Schools will still be able to offer Locally Developed Classes.</li> <li>• Mathematics is being de-streamed in the 2021-2022 school year.</li> <li>• A de-streamed mathematics class will prepare students for university, college, apprenticeship and workplace pathways.</li> </ul>
<p><b>Why are courses being de-streamed?</b></p>	<ul style="list-style-type: none"> <li>• Research shows that de-streaming results in better outcomes for students and particularly for those who are from marginalized communities.</li> </ul>
<p><b>What will be the class size for the new Grade 9 math course?</b></p>	<ul style="list-style-type: none"> <li>• Decisions about class size have not been made.</li> </ul>
<p><b>Where can I find out information about the content in the new Grade 9 math course?</b></p>	<ul style="list-style-type: none"> <li>• The Ministry of Education's Curriculum website will have further information about the new math course: <a href="https://www.dcp.edu.gov.on.ca/en/curriculum#secondary">https://www.dcp.edu.gov.on.ca/en/curriculum#secondary</a></li> </ul>
<p><b>What supports will be provided to students who have Special Education needs in the new de-streamed math course?</b></p>	<ul style="list-style-type: none"> <li>• Teachers will implement the Individual Education Plan for students who have Special Education needs.</li> <li>• Mathematics teachers will continue to work collaboratively with Special Education Resource Teachers to support students in Secondary School.</li> </ul>
<p><b>Are all grade 9 courses being de-streamed next year?</b></p>	<ul style="list-style-type: none"> <li>• Grade 9 Math is the first course to be de-streamed.</li> <li>• Grade 9 English, French, Geography and Science will be de-streamed in future years.</li> </ul>
<p><b>Will Grade 10 also be de-streamed?</b></p>	<ul style="list-style-type: none"> <li>• The Ministry of Education is currently only focused on de-streaming Grade 9 within the next three years.</li> </ul>

## LOCALLY DEVELOPED COURSES

<p><b>What are Locally Developed (or Essentials) courses?</b></p>	<ul style="list-style-type: none"> <li>• Locally Developed courses support the needs of students who have been receiving significantly modified programming in Grade 8.</li> <li>• Locally Developed courses are offered at the Grade 9 and Grade 10 level in some schools in the areas of English, Math, Science and/or History.</li> <li>• Students in Locally Developed courses learn content that is connected to everyday life.</li> <li>• Programs at college and university with a high school mathematics course requirement will not accept courses in this pathway for admission.</li> </ul>
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<p><b>Why is my child being recommended for a Locally Developed program?</b></p>	<p>Students who are recommended to take the Locally Developed course may:</p> <ul style="list-style-type: none"> <li>• be working on significantly modified curriculum expectations in Grades 7 &amp; 8.</li> <li>• not yet working at grade level and require additional support.</li> </ul>
<p><b>What questions should I ask if my child is recommended for Locally Developed programming?</b></p>	<ul style="list-style-type: none"> <li>• At what grade level is my child working independently without modifications?</li> <li>• What is my child's achievement level in mathematics?</li> <li>• Is my child working with modifications (changes made in grade level expectations) or accommodations (supports that do not change course expectations)?</li> </ul>
<p><b>What pathway options (Apprenticeship, College, University, Workplace) do students have if they take Locally Developed courses?</b></p>	<ul style="list-style-type: none"> <li>• Students who complete Locally Developed courses in Grade 9 and 10 are being prepared to go directly into Grade 11 Workplace courses, which lead to employment and/or apprenticeship opportunities after high school.</li> <li>• Students who successfully complete Locally Developed courses in Grade 9 could then take the same Grade 9 subject in a different course type, such as de-streamed. This pathway could then lead to college, apprenticeship or university courses and programs in Grades 11 and 12.</li> </ul>

## MORE INFORMATION

<p><b>If my child selects an Applied course for French, English, Science, or Geography, how will this affect their pathway choices in later grades?</b></p>	<ul style="list-style-type: none"> <li>• Applied courses lead most directly to college and workplace courses in Grade 11/12 but can also lead to university, often through additional courses.</li> <li>• It is important to know that while all pathways are available to students, data shows that students who start in Applied courses are less likely to pursue post-secondary education than students in Academic courses.</li> </ul>
<p><b>What is the difference between Academic and Applied classes?</b></p>	<ul style="list-style-type: none"> <li>• Content in Applied classes is taught using familiar situations and hands-on learning.</li> <li>• Content in Academic classes is taught using familiar and abstract situations.</li> <li>• Currently, Applied classes can have up to 22 students and Academic classes can have up to 29 students.</li> </ul>
<p><b>How can my child get help in math?</b></p>	<p>Students can get help from:</p> <ul style="list-style-type: none"> <li>• their math teacher; and/or</li> <li>• free online tutoring through <a href="#">TVO Mathify</a>; and/or</li> <li>• this <a href="#">self-assessment tool</a> on the <a href="#">mathematics page</a> of the <a href="#">Board's website</a></li> </ul>
<p><b>Where can I read more about the research on de-streaming?</b></p>	<p>More information about streaming can be found on the following websites:</p> <ul style="list-style-type: none"> <li>• <a href="#">Restacking the Deck</a></li> <li>• <a href="#">Is It Time to Detrack Math?</a></li> <li>• <a href="#">Restructured Pathways - Addressing Streaming from Grades 1 to 12 in the Toronto District School Board</a></li> <li>• <a href="#">NCSM Position Paper - Closing the Opportunity Gap: A Call for Detracking Mathematics</a></li> <li>• <a href="#">Ten Steps to Equity in Education</a></li> <li>• <a href="#">Equity and Quality in Education: Supporting Disadvantaged Students and Schools</a></li> <li>• <a href="#">Stop Streaming Students</a></li> <li>• <a href="#">Understanding Issues Associated with Tracking Students in Mathematics Education</a></li> </ul>