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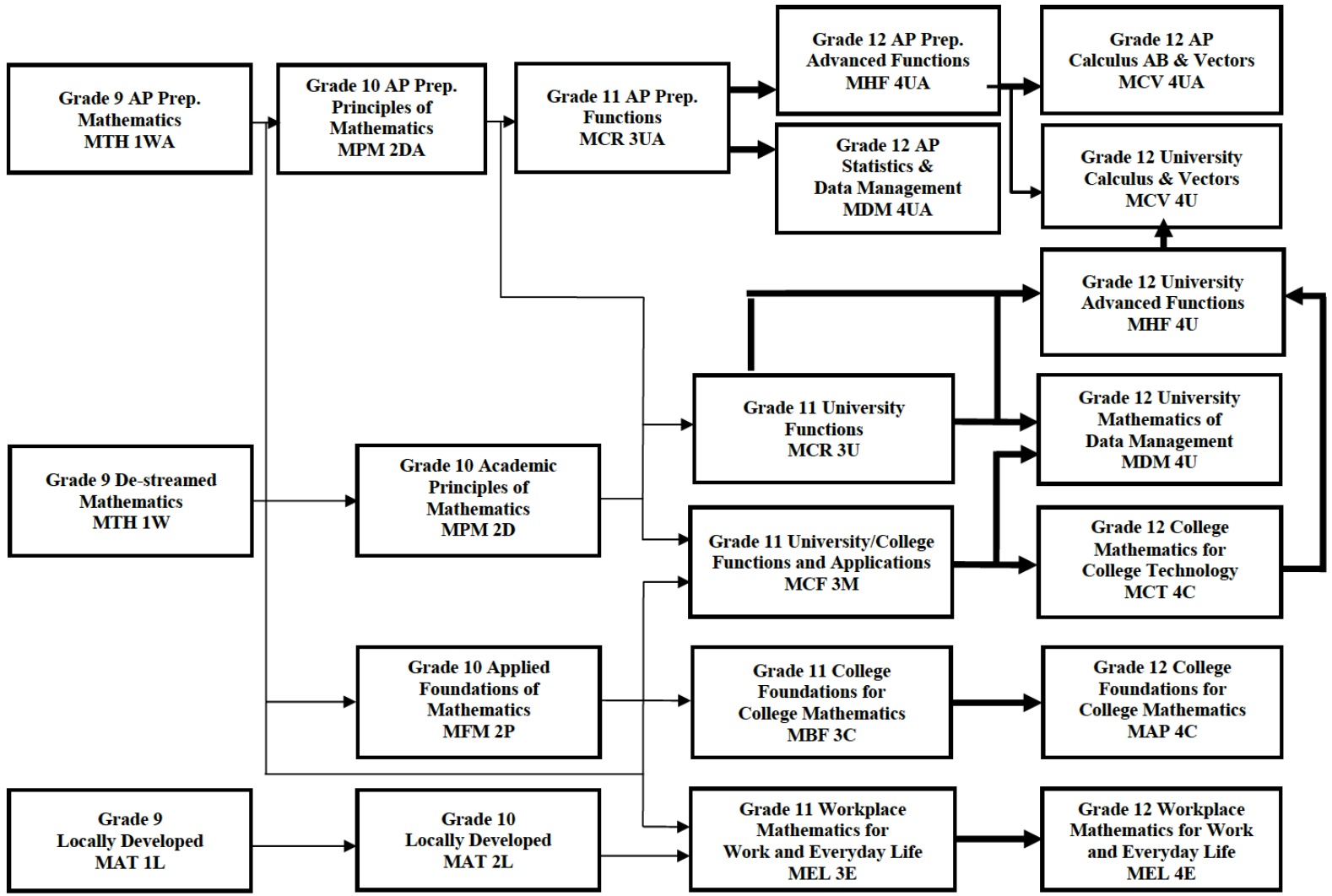
Corpus Christi

Mathematics

Corpus Christi Mathematics Pathways Chart



EQAO

EQAO for Grade 9 Students

Dates	Semester I – Two days between ***January 10th, 2024, and January 2nd, 2024*** Semester II – Two Days between May 29th***, 2024, and June 26th, 2023***
Info	Parents will receive information about the exact dates when the practice test and the actual test will occur.
Format	The test will be administered exclusively online. This Assessment will have two parts. All students will complete the first part of the EQAO test and based on their answers on this part, they will be directed to take a second part corresponding to their level of math ability.
Practice	Teachers are already providing EQAO type questions and discussing tips for success during every unit of study Students will have the opportunity to complete a Practice Test once it is made available on the EQAO website.

MATH CONTESTS

Fall Math Contests

CORPUS CHRISTI CATHOLIC SECONDARY SCHOOL
CANADIAN OPEN MATHEMATICS CHALLENGE

Canadian Mathematical Society

Contest Name	**THE CANADIAN OPEN MATHEMATICS CHALLENGE**

Description and Format	▪ ***The Canadian Open Mathematics Challenge*** is a contest designed to give students the opportunity to have fun and to develop their mathematical problem-solving ability. ▪ This contest is the only way to be invited to the Canadian Mathematics Society (CMS)' free, exclusive training camps & compete internationally as part of Math Team Canada! ▪ You can receive awards and prizes. You can also receive a certificate that will increase your chance for scholarship applications. You may also be invited to summer math programs. **Format** ▪ 12 open answer questions **Who can write:** ▪ Students in Grades 9 or 12
Fee	▪ $35 payable through ***School Cash Online*** ▪ Deadline: Friday, **October 6st, 2023**
Place	▪ In the School Library
Contest Date and Time	▪ **Thursday, October 26th** ▪ **Time:** 8:30 – 10:30
Practice	▪ Information on past contests and practice can be found through the link: Getting Ready – CMS-SMC (math.ca)
Registration opened until:	▪ **Friday, October 6st, 2023**

CORPUS CHRISTI CATHOLIC SECONDARY SCHOOL
UNIVERSITY OF WATERLOO MATH CONTESTS

Contest Name	**THE CANADIAN INTERMEDIATE (CIMC, GRADES 9-10)** **THE CANADIAN SENIOR MATHEMATICS CONTESTS (CSMC, GRADES 11-12)**

Description and Format	▪ ***The Canadian Intermediate (CIMC, 9-10)*** and ***The Canadian Senior Mathematics Contests (CSMC, 11-12)*** are two contests designed to give students the opportunity to have fun and to develop their mathematical problem-solving ability **Format** ▪ 9 questions; 6 are answer only and 3 are full solution ▪ marks for full solution questions assigned for form and style of presentation ▪ 60 total marks **Who can write:** ▪ Students in Grades 9 or 10 can write the Intermediate Contest ▪ Students in Grades 11 or 12 can write the Senior Contest ▪ Students in grade 10 can choose the write the Senior Contest only if they feel really confident, they can experience success
Fee	▪ **$14** payable through ***School Cash Online*** ▪ Deadline: Friday, **October 13th, 2023**
Place	▪ In the School Library
Contest Date and Time	▪ Wednesday, **November 15th** ▪ **Time:** 8:30 – 10:30
Practice	▪ Information on past contests and practice can be found through the link: https://cemc.uwaterloo.ca/contests/past_contests.html#csimc
Registration opened until:	▪ **Friday, October 13th, 2023**

Spring Math Contests

CORPUS CHRISTI CATHOLIC SECONDARY SCHOOL

UNIVERSITY OF WATERLOO GRADE 9, 10, 11 MATH CONTESTS

FEBRUARY 2024

Contest Name	PASCAL (Grades 9), CAYLEY (GRADE 10), FERMAT (GRADE 11)
Description and Format	▪ These contests are designed to give students the opportunity to have fun and to develop their mathematical problem-solving ability **Format** ▪ **25 questions** ("Questions are based on curriculum common to all Canadian provinces. The last few questions are designed to test ingenuity and insight. Rather than testing content, most of the contest problems test logical thinking and mathematical problem-solving.") ▪ **3 parts.** Parts A and B follow a traditional multiple-choice format where the answer is A, B, C, D or E. In Part C, participants select a whole number from 0 to 99. ▪ **60 minutes** ▪ **Score out of 150** ▪ Written by individuals onsite or online (virtual students only) ▪ Some calculators permitted **Who can write:** ▪ All students in Grades 9, 10, 11 respectively who feel confident in their math abilities and like to solve more complex questions ▪ Grade 11 students can also register to write the Euclid (Grade 12) contest if they wish.
Fee	▪ **$ 6** payable through ***School Cash Online*** ▪ **Deadline: Friday, February 9th, 2024**
Place	▪ In the Library
Contest Date and Time	▪ **Wednesday, February 28th, 2024** ▪ **Time:** 8:30 – 9:30 or during Period 1
Practice	▪ Information on **past contests** and practice can be found through the link: https://www.cemc.uwaterloo.ca/contests/past_contests.html#pcf **Pascal, Cayley and Fermat e-Workshop at *https://www.cemc.uwaterloo.ca/contests/pcf_eWorkshop.html***
Registration opened until:	▪ **Friday, February 9th, 2024**

CORPUS CHRISTI CATHOLIC SECONDARY SCHOOL

UNIVERSITY OF WATERLOO GRADE 12 - EUCLID MATH CONTEST

APRIL 2024

Contest Name	EUCLID (GRADE 12)
Description and Format	▪ These contests are designed to give students the opportunity to have fun and to develop their mathematical problem-solving ability **Format** ▪ **10 questions;** some answer only and some full solution ("Most of the problems are based on curricula up to and including the final year of secondary school. Some content might require students to extend their knowledge and the best way to familiarize oneself with commonly appearing topics is to practice using past contests.") ▪ marks for full solution questions assigned for form and style of presentation ▪ **2.5 hours** ▪ **100 total marks** ▪ **Written only onsite** ▪ some calculators permitted **Who can write:** ▪ All students in Grades 11 or 12 students who feel confident in their math abilities and like to solve more complex questions ▪ Grade 11 students can also register to write the Fermat (Grade 11) contest in February, if they wish.
Fee	▪ **$18** payable through ***School Cash Online*** ▪ **Deadline: Friday, March 1st, 2024**
Place	▪ In the Library
Contest Date and Time	▪ **Wednesday, April 3rd, 2024** ▪ **Time:** 8:30 – 11:00 or during Period 1 and 2
Practice	▪ The Grade 12 open courseware, Mathematics Resource Manual and Euclid e-workshop can help you brush up on the material and provide many problems with solutions. Past contests give you a sense of the style of the questions and include problems ranging from easy to very challenging.
Registration opened until:	▪ **Friday, March 1st, 2024**

CORPUS CHRISTI CATHOLIC SECONDARY SCHOOL

UNIVERSITY OF WATERLOO GRADES 9, 10, 11 CONTESTS

APRIL 2024

Contest Name	FRYER (GRADE 9), GALOIS (GREADE 10), HYPATIA (GRADE 11)
Description and Format	▪ The Fryer, Galois and Hypatia (FGH) Contests are a unique opportunity for participants to write a full-solution contest — a format that can help learners develop both problem-solving and communication skills. These fun, engaging contests encourage critical thinking as participants tackle problems that build to a larger, more complex task to solve in each question. **Format** ▪ 4 questions; some answer only and some full-solution ▪ 75 minutes ▪ Score out of 40 ▪ Questions on the FGH Contests are based on curriculum common to all Canadian provinces. Rather than testing content, most of the problems test logical thinking and mathematical problem-solving. Practicing with past contests is a great way for participants to get to know the style of questions that appear on the contests, as well as common topics. **Who can write:** ▪ All students in Grades 9 or 11 students who feel confident in their math abilities and like to solve more complex questions
Fee	▪ **$12** payable through ***School Cash Online*** ▪ **Deadline: Friday, March 1st, 2024**
Place	▪ In the Library
Contest Date and Time	▪ **Thursday, April 4th, 2024** ▪ **Time:** 8:30 – 11:00 or during Period 1 and 2
Practice	▪ Information on **past contests** and practice can be found through the link: CEMC - Past Contests - Mathematics and Computing Contests - University of Waterloo (uwaterloo.ca)
Registration opened until:	▪ **Friday, March 1st, 2024**