



May 13th, 2020

Dear Students, Parents and Guardians in current MYP 3,

Re: MYP4 Mathematics Standard and Extended (math classes next year)

To further prepare students for the rigor of the IB Diploma Program Mathematics courses which commence in Year 12, Chatsworth offers two Math classes in Year 10 - MYP4: Standard *and* Extended Mathematics. Our philosophy in the Math department is to give students a chance to experience a Math course in a more rigorous and fast-paced environment through MYP4 and MYP5 Math Extended. Students that have a strong background in mathematics will be better able to determine their readiness for the new IB Diploma Mathematics Higher Level course through their time in MYP4 and MYP5 Math Extended. Students in MYP4 Mathematics Standard will be challenged and will continue to develop a solid foundation to prepare them for the new IB Diploma Mathematics Standard Level.

Students, currently in MYP3 now moving onto MYP4, will be placed into the Standard or Extended Math based upon their results in MYP3 Mathematics, previous MAP scores, teacher recommendation, and in some cases a discussion with the Head of Mathematics. At present, students with an IBMYP 3 (Year 9) Semester 2 Grade of 7 will be moved to Mathematics Extended (MYP 4) beginning of the new academic year in August 2020. Those who achieve a Grade 6 are invited to sit for a placement test beginning of August 2020. Students who meet the requirements of the placement test will be enrolled in Math Extended level. **Details of the placement test topics will be sent out via email after the results of the Semester 2 Report Card. The placement test will be held in the first week when school reopens in August.**

We place students in classes where they will be pushed academically, but not pushed so far above their academic level that causes undue stress.

Once the student is placed in Mathematics Extended (MYP 4), the student will not be allowed to switch classes before the academic year ends. **If you wish your child to opt-out of the Extended Math class, you must inform the HOD in writing by the first start week of school.** The Mathematics Department requires that Math Extended students demonstrate an overall IB Grade of 5 at the end of Semester 2 MYP 4 Math Extended to continue with the Math Extended in MYP 5.

Note to all parents: reviewing the worldwide feedback of the IB MYP Math e-Assessment and in discussions with educators in International schools around the world, it is the decision of the Mathematics Department to register all students in MYP5 for Standard level exams at the end of MYP5, instead of registering some students for MYP Math Standard, and other students for MYP Extended math exams. We made this decision as the e-Assessment for MYP Math Standard is already at a high level.



Additional information for parents regarding MYP Math:

From the IBMYP Math Guide (pg 4):

“Studying mathematics, however, should be more than simply learning formulae or rules. Students should not have the impression that all of the answers to mathematics can be found in a book but, rather, that they can be active participants in the search for concepts and relationships. In that light, mathematics becomes a subject that is alive with the thrill of exploration and the rewards of discovery. At the same time, that new knowledge may then be applied to other situations, opening up even more doors for students. MYP mathematics promotes both inquiry and application, helping students to develop problem-solving techniques that transcend the discipline and that are useful in the world outside school.”

MYP Math Standard

Aims to give all students a sound knowledge of basic mathematical principles while allowing them to develop the skills needed to meet the objectives of MYP mathematics. This course prepares students with a strong foundation of mathematics for the IB Diploma courses: **One of the following:**

Analysis and Approaches (SL) or Applications and Interpretations (SL).

MYP Math Extended

The standard mathematics is a subset of the extended mathematics framework. Additional topics and skills are introduced to students, in the same time frame as standard level, providing a greater breadth and depth of mathematical topics and concepts covered. This course prepares students for the IB Diploma courses:

One of the following:

Analysis and Appr (HL) or Applications and Interpretations (HL).

If there are any questions, comments or concerns, please do not hesitate to ask.

Thank you for your support,

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