



Planning with the End in Mind

How do I know if my child is taking the appropriate middle school courses that will enable her/him to continue in the IB Middle Years Programme at Richard Montgomery HS for Grades 9 and 10 or to apply for the IB Magnet Program at RMHS?

There are several sequences of middle school courses that students may take to prepare them for continuation in the IB Middle Years Programme for Grades 9 and 10 and/or to apply for the IB Magnet Program at Richard Montgomery HS.

English, World Studies, Science

Students are *heterogeneously* grouped and may be enrolled in an advanced cluster for Grades 6, 7 and 8. Students who are interested in continuing in MYP in high school and/or applying to the IB Magnet Program at RMHS will be expected to have been enrolled in at least several, if not all advanced cluster groups in middle school, especially in Grade 8. Advanced cluster groups are identified on your child's schedule by the following the course titles. Please note that in some instances a dot (.) at the end of the course title indicates placement in the advanced cluster.

Adv English 6	Adv English 7	Adv English 8
Adv World Studies 6	Adv World Studies 7	Adv US History 8
Investigations Sci 6	Investigations Sci 7	Earth Space Systems 8

Math



Students are *homogeneously* grouped in math and there are several choices at each grade level. Students who are interested in continuing in MYP in high school and/or applying to the IB Magnet Program at RMHS will be expected to have completed **Algebra 1 or higher** by the end of Grade 8. There are 3 ways to accomplish this goal (choices #2, 3 and 4).

Choice	Grade 5	Grade 6	Grade 7	Grade 8
#1	Math 5	Math 6	Math 7	Algebra Prep
#2	Math 5	Math 6	Math 7	Algebra 1
#3	Math 6	Math 7.	Math Invstgns.	Algebra 1
#4	Math 6	Math Invstgns.	Algebra 1	Honors Geometry

World Language

As an IB World School, all students are encouraged to study a second language. Similar to math course offerings, students have several choices at each grade level, and suggested guidelines are made available to students and parents during the articulation process. As a general rule, students who are interested in continuing in MYP in high school and/or applying to the IB Magnet Program at RMHS will be expected to have completed **at least** level 1 of a world language by the end of 8th grade. Level 1 world language students have 2 options. They may study the first year of language over 2 years (each semester for a full year) or they may study it in a single year. The goal is to be prepared to begin at least level 2 of the language by Grade 9. As you can see from the table below, there are many ways to accomplish this goal, and students may begin the study of a world language at any grade level.

Please note that students interested in applying to join the IB Diploma Program for Grades 11 and 12 would benefit from completing level 2 of a language by the end of Grade 8.

Grade 6	Grade 7	Grade 8	Grade 9
French 1A Spanish 1A Chinese 1A/1B	French 1B Spanish 1B Chinese 2A/2B	French 2A/2B Spanish 2A/2B Chinese 3A/3B	French 3A/3B Spanish 3A/3B Chinese 4A/4B
	French 1A French 1A/1B Spanish 1A Spanish 1A/1B Chinese 1A/1B	French 1B French 2A/2B Spanish 1B Spanish 2A/2B Chinese 2A/2B	French 2A/2B French 3A/3B Spanish 2A/2B Spanish 3A/3B Chinese 3A/3B
		French 1A/1B Spanish 1A/1B SSS 1A/1B* Chinese 1A/1B	French 2A/2B Spanish 2A/2B SSS 2A/2B Chinese 2A/2B
		* SSS - Spanish for Spanish Speakers	

Other Subjects

Students will be expected to enroll in PE/Health each year and should have a combination of Arts and Technology related classroom experiences.