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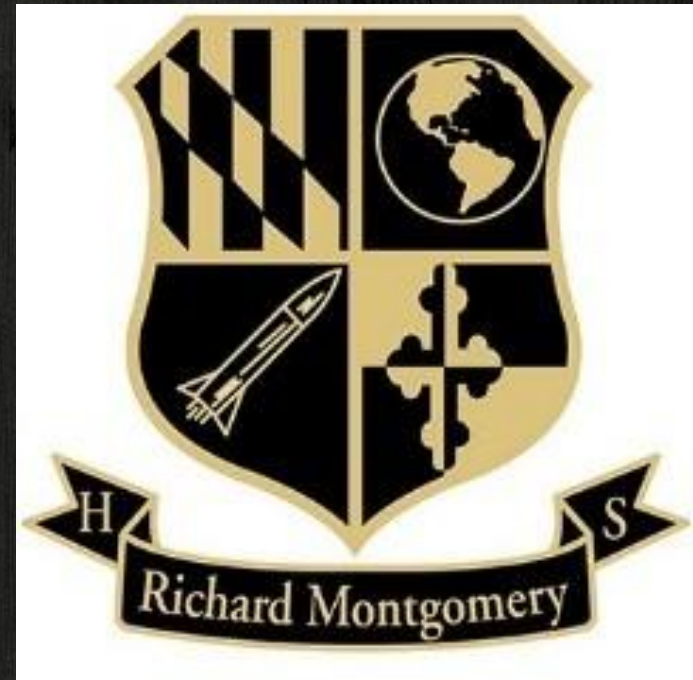
Benvenuto

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Bienvenue

Bienvenido

Welcome



Ask questions at bit.ly/RM25questions

Principal
Alicia Deeny

Welcome Parents and Students of the
Class of 2027!

Introduction

Ms. Amanda Mollet Trivers
IB Diploma Coordinator

The Power of Critical Thinking

- ❖ “Labels are a necessity in the organization of knowledge, but they also constrain our understanding.” To what extent is this true of the areas of knowledge you study?
- ❖ “Statistics conceal as much as they reveal.” Discuss this claim with reference to the courses you are in.
- ❖ “Accepting knowledge claims always involves an element of trust.” How is this true in the classes you take?

“

“The International Baccalaureate aims to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect.”

-IB Mission Statement

Program Overview

Mr. Joseph Felen
Magnet Coordinator

Ask questions at
bit.ly/RM25questions



Accelerated
Learning in
High School

Honors Level Schedule

Honors Level Schedule (open to all students fulfilling prerequisites)

9th Grade	10th Grade	11th Grade	12th Grade
Honors English 9	Honors English 10	Honors English 11	Honors English 12
Honors Geometry	Honors Algebra 2	Honors Precalculus	Calculus w/App
Honors Biology	Honors Chemistry	Honors Physics	
Honors US History	Honors NSL Government	Honors Modern World History	
Honors Spanish 1	Honors Spanish 2		
Foundations of Art	Foundations of Tech		
Foundations of Fitness (PE)	Honors Health		

Advanced Placement Level Schedule

Advanced Placement (AP[®]) Level Schedule (open to all students fulfilling prerequisites)

9th Grade	10th Grade	11th Grade	12th Grade
Honors English 9	Honors English 10	AP English Language	AP English Literature
Honors Geometry	Honors Algebra 2	AP Precalculus	AP Calculus BC
Honors Biology	Honors Chemistry	AP Physics 1	
AP US Government	AP US History	AP World History	
Honors Spanish 3	Honors Spanish 4	AP Spanish Language	
AP Computer Science Principles	Foundations of Art		
Foundations of Fitness (PE)	Honors Health		

Magnet Level/Diploma Programme Schedule

Magnet Level/Diploma Programme Schedule (via application and invitation only)

9th Grade	10th Grade	11th Grade	12th Grade
RMS English 9	RMS English 10	IB English Literature 1	IB English Literature 2
IB Analysis & Application of Functions (Algebra 2)	IB Precalculus	AP BC Calculus	IB Math Analysis HL
RMS Biology	RMS Chemistry	IB Physics 1	IB Physics 2
AP US Government	AP US History	IB History 1	IB History 2
RMS Spanish 3	RMS Spanish 4	IB Spanish 5	
AP Computer Science Principles	Foundations of Art	IB Social Anthropology	
Foundations of Fitness (PE)	Honors Health	IB Theory of Knowledge 1	IB Theory of Knowledge 2

AP Versus IB

Advanced Placement (AP)

- College Board
- Breadth
- 38 different and distinct subject exams
- Score depends solely on exam in May
- Scores 1-5 (3 and above, passing)
- AP Readers (norm grading together)
- Exam format: divided into multiple sections; one is typically multiple choice, one is written in which students answers 2-5 questions in paragraph or more
- \$101
- Self Study available

International Baccalaureate (IB)

- International Baccalaureate Organization
- Depth
- Full diploma students must commit to 6 IB classes. Interdisciplinary connection
- Scores 1-7 (4 and above, passing)
- Score depends on multiple assessments; internal assessments and an exam in May
- Exam format: IA's throughout the school year, final exam which is typically essay form
- Completion of TOK, Extended Essay, & CAS
- \$119
- Cannot "self study"

Two Diplomas

Maryland High School Diploma



The IB Diploma Programme - Le Programme du diplôme de l'IB - El Programa del Diploma de l'IB

International Baccalaureate
Baccalauréat International
Bachillerato Internacional

has been awarded the
Diploma
of the International Baccalaureate

a obtenu le
Diplôme
du Baccalauréat International

ha obtenido el
Diploma
del Bachillerato Internacional

We certify that / Nous certifions que / Certificamos que
RAYUNDO DELGADILLO

entered by / présenté(e) par / presentado(a) por el colegio denominado
HUMBLE HIGH SCHOOL

has obtained the following results / a obtenu les résultats suivants / ha obtenido los resultados siguientes

Subject / matière / asignatura	Grade / Notes / Calificación	Subject taken at standard level / Matière présentée au niveau moyen / Asignatura del Nivel Medio	Grade / Notes / Calificación
IBO ENGLISH A1	6	IBO BIOLOGY (ENG)	3
IBO SPANISH B	7	IBO MATH: STUDIES (ENG)	3
IBO HISTORY: AMERICAS (ENG)	4		
IBO VISUAL ARTS (ENG)	5		

Additional requirements / Compléments requis / Requisitos adicionales

EXTENDED ESSAY BIOLOGY (SPA) / THEORY OF KNOWLEDGE / POINTS / **IBO SCORE FACTORY**

IBO TOTAL: **36**

All CAS (Creativity-Action-Service) requirements have been fully satisfied.

Jeffrey Beard
Director General - Geneva / Directeur général - Genève / Director general - Ginebra
03 August 2020

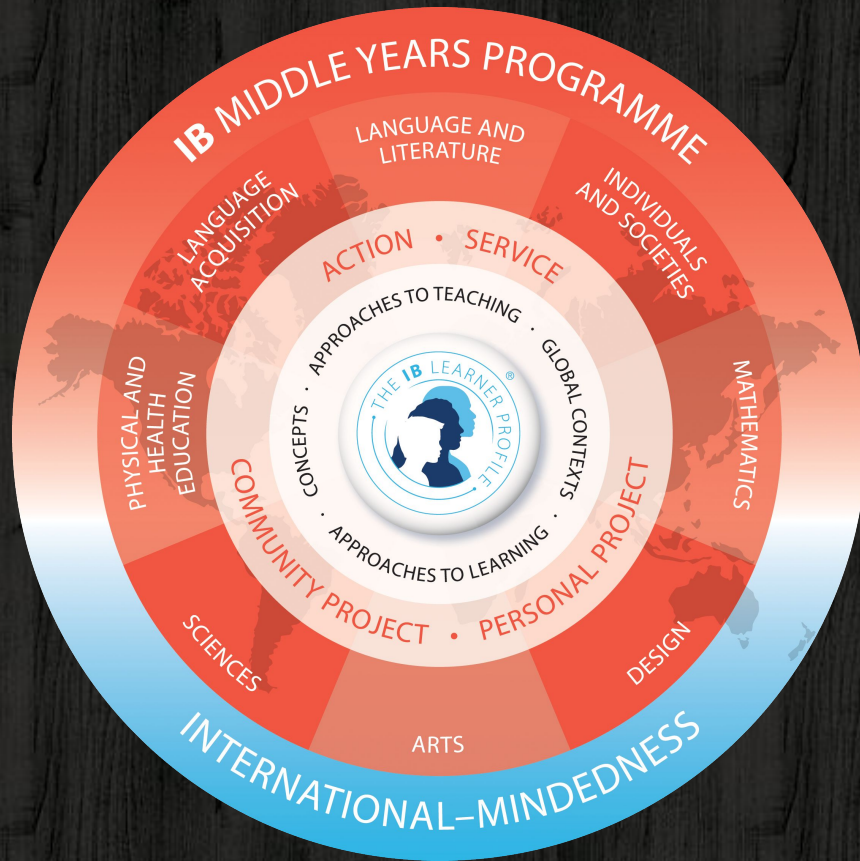
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The Curriculum

Concurrency of Learning (Grades 9–12)



9th & 10th Grades



11th & 12th Grades

The Diploma Programme

Internationally focused college preparatory program comprised of six mandatory fields of study.

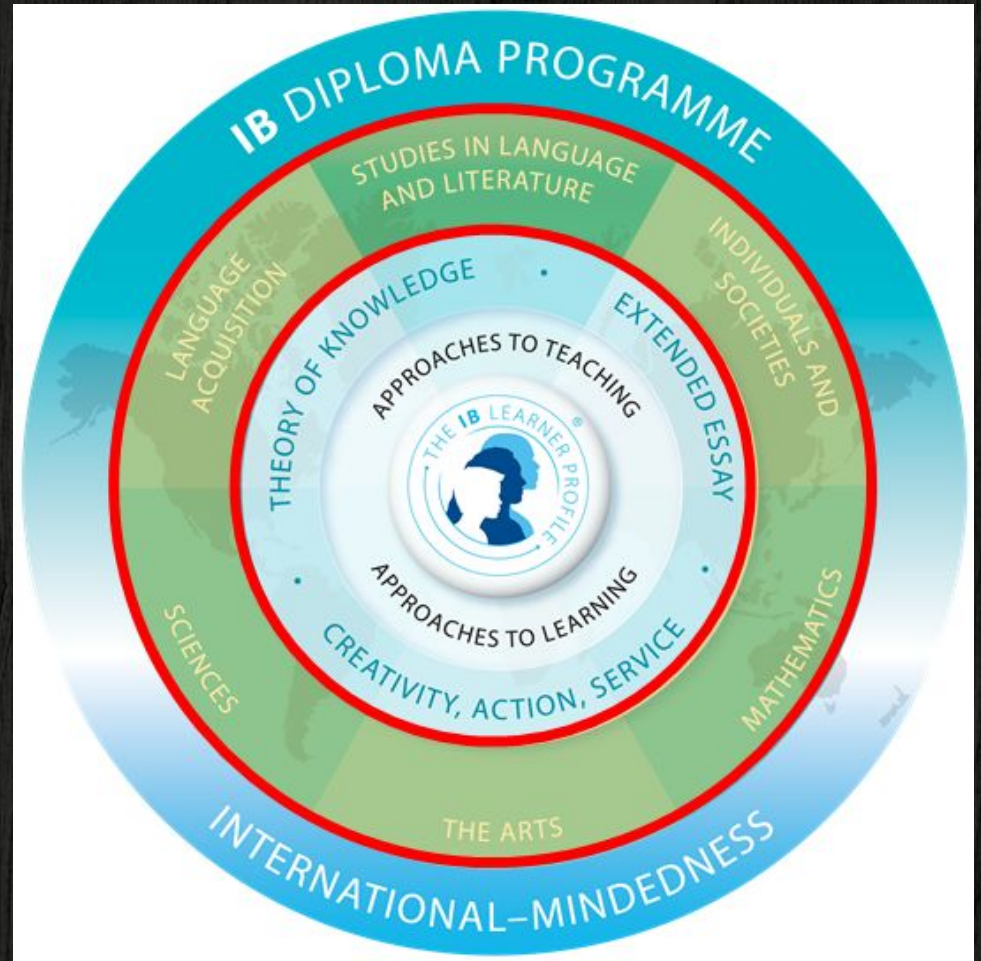


11th & 12th Grades

The Diploma Programme

The required courses:

- 1 – Language & Literature
- 2 – Language Acquisition
- 3 – Individuals & Societies
- 4 – Sciences
- 5 – Mathematics
- 6 – The Arts

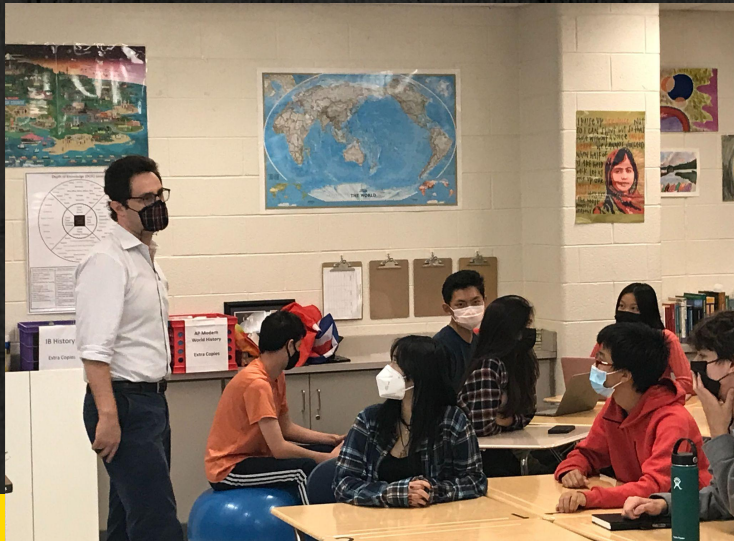


11th & 12th Grades

The Diploma Programme

The three core requirements:

- 1 – Theory of Knowledge
- 2 – Extended Essay
- 3 – Creativity, Activity, Service



11th & 12th Grades

The Diploma Programme

Approaches to Teaching



11th & 12th Grades

Approaches to Learning



The Diploma Programme

At the center of the program is the student.

- ◆ IB advocates a holistic view of education – that education isn't just about the attainment of knowledge, but at producing successful individuals and lifelong learners.



Magnet 9th and 10th Grades

Grade 9

1. Magnet English 9
2. AP US Government
3. Magnet Mathematics (by pathway)
4. Magnet Biology
5. Magnet World Language (Spanish, French or Chinese)
6. AP Computer Science Principles or FOT
7. Physical Education

Grade 10

1. Magnet English 10
 2. AP US History
 3. Magnet Mathematics (by pathway)
 4. Magnet Chemistry
 5. Magnet World Language (Spanish, French or Chinese)
 6. Fine Arts (Music, Theater, Art, etc.)
 7. Health
- *MYP Personal Project

AP Psychology, AP Statistics, AP Physics, AP Economics are also available for our 9th and 10th grade students.

Diploma Requirements

- ◆ Study of six disciplines with acceptable exam scores from each group.
- ◆ Minimum of 3 exams at Higher Level and maximum of 4 at Higher Level
- ◆ Minimum of 2 exams at Standard Level and maximum of 3 at Standard Level
- ◆ Completion of Extended Essay
- ◆ Completion of Theory of Knowledge (TOK) 1 and 2
- ◆ Completion of Creativity, Action, and Service (CAS) hours

11th and 12th Grades

DP SUBJECT	HIGHER LEVEL	STANDARD LEVEL
Group 1	IB English	
Group 2	IB Chinese IB French IB Spanish	IB Chinese IB French IB Spanish
Group 3	IB History	IB History IB Economics IB Social Anthropology IB Philosophy IB Global Politics
Group 4	IB Biology IB Physics IB Chemistry	IB Biology IB Physics IB Chemistry IB Environmental Systems & Societies
Group 5	IB Mathematics	IB Mathematics
Group 6	IB Visual Arts IB Film IB Music IB Theatre A SECOND Group 2, 3, or 4	IB Visual Arts IB Computer Science IB Film IB Music IB Theatre IB Economics IB Social Anthropology IB Philosophy A SECOND Group 2, 3, or 4



The Benefits

What universities say about an IB education...

“When we see an IB student’s application, we light up, we are excited[...]. Many projects are self-initiated, research is done based on things that they really care about and that is a really unique opportunity in high school.”



- Debra Von Barga (Assistant Dean of Admissions at Stanford University)

Benefits of the IB Diploma

	IB candidates acceptance rate	Total population acceptance rate	IB candidates versus total population
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University of Virginia

64%

32%

+32%

University of
California - Berkeley

58%

26%

+32%

University of
Michigan - Ann Arbor

71%

51%

+20%

University of North
Carolina - Chapel Hill

63%

32%

+31%

Yale University

18%

7%

+11%

Source: The IB Diploma Graduate Destinations Survey 2011

The Extended Essay

- ◆ An independent, self-directed piece of research, finishing with a 4,000-word paper.
- ◆ Sample Titles:
 - “What is the most efficient method to finding the fractal dimension of Koch curves and surfaces?”
 - “To what extent did the North Berwick Witch Trials influence Daemonologie by King James VI of Scotland?”

Benefits of the Extended Essay

“If your student is an 11th or 12th grader and you are choosing between AP and IB, in my mind IB is the better program. The principal reason is that it has significantly more emphasis on writing than AP.”

- Jay Mathews (Washington Post education columnist)

“Former IB students at UVA were significantly more likely to indicate that they felt prepared for college-level coursework involving research than former AP students at UVA. Moreover, the IB alumni felt strongly that their EE experience prepared them to conduct the various facets of the research process.”

- UVA Study (October 2012)



Considerations



Ask questions at bit.ly/RM25questions

Endurance Necessary

- ◆ The program requires students to accelerate in all subject areas.
- ◆ Students will be expected to complete substantial reading outside class.



Less Flexibility

- ◆ Only 7 periods in a day
- ◆ The Diploma Programme in 11th and 12th fills almost all of these periods
- ◆ Required courses can “jam up” a student’s first choice in scheduling electives

Transportation

- ◆ Bus stops to/from RMHS are located at central stops throughout the county. Parents are responsible for getting students to and from those central stops. You can see this year's stops at

<https://www2.montgomeryschoolsmd.org/schools/rmhs/students/busroutes/>



Please Note

Eligibility

- ◆ Enrolled in at least Algebra 1
- ◆ Enrolled in at least level 1 of Spanish, French, or Chinese or bilingual in one of these languages (This ensures students are prepared for at least IB Standard Level exams by 12th grade)

Application

- ◆ The grade 8 common application is accessible on ParentVUE (click on 'Online Registration' tab). Questions about a parent's credentials for ParentVUE can be directed to their middle school.
- ◆ Non-MCPS students: get MCPS ID from home middle school
- ◆ One application for all high school choice programs
- ◆ DEADLINE: NOVEMBER 4, 2022

Criteria

- ◆ The admission process for criteria-based programs uses a multiple measures approach that includes both district-level and externally-developed assessment of students. The data that will be considered includes the student applicant responses, Grade 8 and Grade 7 report cards, student services[^], and an external assessment (MAP M and MAP R). Teacher recommendations will not be collected. A committee will review the application and the performance data of each applicant to determine if a student will be invited, placed in the waitpool, or not selected for the program.

[^] services such as receiving special education services, ESOL- English for Speakers of Other Languages, 504 accommodations plan and Free and Reduced Meals

- ◆ <https://www.montgomeryschoolsmd.org/curriculum/specialprograms/high/>

Cost

- ◆ Approximately \$750 for testing for the IB Diploma in addition to any Advanced Placement exams students might take.
- ◆ (AP Tests are approx. \$101/test)
- ◆ Waivers are available based on financial need.

Philosophy

- ◆ Richard Montgomery High School is an authorized IB World School
- ◆ RMIB is committed to providing qualified 11th graders access to the Diploma Programme

Selection

Decisions mailed in the beginning of Feb:

- ◆ YES - Will need to send in acceptance
- ◆ NO - Appeal information included
- ◆ WAIT POOL - Students will be notified if a seat becomes available throughout the summer.



Our Students

▶ 38 sports

▶ 210 student clubs

▶ 100% involvement

Sampling of where our students were admitted Class of 2022

3 - American University

5 - Brown University

8 - Carnegie Mellon

4 - Columbia University

2 - Cornell University

2 - Dartmouth

11 - Georgetown University

5 - Harvard University

2 - Johns Hopkins University

1 - McGill University

8 - Northeastern University

11 - New York University

9 - Penn State University

5 - Princeton University

5 - Stanford University

8 - UC Berkeley

4 - University of Chicago

14 - UMBC

107 - UMD College Park - 9 Banneker Key

7 - University of Michigan

8 - UNC Chapel Hill

7 - University of Pennsylvania

19 - University of Pittsburgh

4 - University of Southern California

8 - University of Virginia

5 - University Wisconsin - Madison

8 - Virginia Tech

2 - Yale University

IB Class of 2022

136 Diploma Candidates

133 IB diplomas earned (98%), (Worldwide rate 86%)

RMIB Mean Grade 5.55 (5.12 Worldwide)

RMIB Mean Points 35 (32 Worldwide)

42 National Merit Finalists

1 US Presidential Scholar Semifinalist

14 US Presidential Scholar Candidates

Student Support



Trained IB Teachers

Our dedicated teachers give up lunch and time after school to provide enrichment and review.



Homework Club

Students can receive academic assistance or study with the Homework Club located in the Media Center on Tuesday and Thursday afternoons



Student Support Specialist

A dedicated staff member who serves as an advocate for students and monitors student performance.



Student Tutors

Student members of the National Honor Society (NHS) are available to tutor students daily during lunch by request.



Trained IB Counselors

Many of our counselors have received specialized training to support our IB students.



Career Center

Our experienced College and Career Information Coordinator, is available to meet with students and families about the college application process.



www.montgomeryschoolsmd.org/schools/rmhs/ib/
Visit us online to see more details about the program and course offerings.

Frequently Asked Questions

Next:

- Please pick up handouts in the cafeteria
- View introductory video in the cafeteria
- Explore clubs on Main Street
- Meet current parents in the library
- Meet current teachers and students in classrooms

Please exit using the side aisles.
