

# International Baccalaureate (IB) in the Watkins Mill Cluster



2011-2012

Dear Watkins Mill Cluster Community,

We are so proud to share that Watkins Mill High School is an authorized International Baccalaureate World School. This is an opportunity for our entire community; students, families, teachers, administrators, and community members, to join together around a common mission that will strengthen our education program from Kindergarten—12th grade. The International Baccalaureate (IB) provides a very clear goal for our entire community. Principals and teachers have been working to provide a challenging education program for all students at every grade level so they are prepared to be successful in the advanced coursework at every level.

The IB is a holistic education philosophy that encourages all students to maximize their potential in all subject areas. A key aspect of the IB is to teach students how to be critical thinkers in a global society. Starting in Kindergarten there is an emphasis on how to think critically and this will evolve as students grow in the Watkins Mill cluster. Principals and teachers will work to develop critical thinking skills and other essential learning skills at every level so all students will be able to choose to take IB courses and other advanced courses at Watkins Mill High School.

It is our goal to provide the best education for every child in our cluster. As part of that goal we want to inform you of the optimal pathway for success in the IB. The pathway presented in this brochure shows the recommended course sequence for students to be successful in the IB Diploma. As you can see, students are encouraged to explore all subject areas in the elementary and middle school years. Students will have the opportunity to focus more in-depth in particular subject areas in the 11th and 12th grade. We will continue to work collaboratively to provide the best education for every child in our cluster and we are excited about the opportunities the IB will offer for our students and teachers.

Sincerely,

Scott W. Murphy  
Watkins Mill HS

Dr. Edgar E. Malker  
Montgomery Village MS

Vicky Lake-Parcan  
Neelsville MS

Celeste D. King  
South Lake ES

Dr. Margaret Pastor  
Stedwick ES

Stephanie G. Spencer  
Watkins Mill ES

Vicky Casey  
Whetstone ES

## International Baccalaureate Mission Statement

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. To this end the organization works with schools, governments and international organizations to develop challenging programmes of international education and rigorous assessment. These programmes encourage students across the world to become active, compassionate and lifelong learners who understand that other people, with their differences, can also be right.

The Pathway to Success in International Baccalaureate in the Watkins Mill High School Cluster

Grades K- 5

	Kindergarten	1st Grade	2nd Grade	3rd Grade	4th Grade	5th Grade
Reading/ English	On-level Junior Great Books	On-level Junior Great Books	On-level Junior Great Books	On-level Junior Great Books William and Mary	On-level Junior Great Books William and Mary	On-level Junior Great Books William and Mary
Mathemat- ics	Kindergarten Math or Math 1 (on- level with challenge or above level in Math)	Math 1 or Math 2 (on- level with challenge or above level in Math)	Math 2 or Math 3 (on- level with challenge or above level in Math)	Math 3 or Math 4 (on- level with challenge or above level in Math)	Math 4 or Math 5 (on- level with challenge or above level in Math)	Math 5 or Math 6
Science	Integrated Science	Integrated Science	Integrated Science	Integrated Science	Integrated Science	Integrated Science
Social Studies	Integrated Social Studies	Integrated Social Studies	Integrated Social Studies	Integrated Social Studies	Integrated Social Studies	Integrated Social Studies
Arts (Music, Visual Arts)	Art, Music, Media Center, other	Art, Music, Media Center, other	Art, Music, Media Center, other	Art, Music, Media Center, other	Art, Music, Media Center, other	Art, Music, Media Center, other
Physical Education	Physical Education	Physical Education	Physical Education	Physical Education	Physical Education	Physical Education

Please note that some pathways are subject to change based on the development of Common Core Standards and integrated curricula.

The Pathway to Success in International Baccalaureate in the Watkins Mill High School Cluster

Grades 6-12

	6th Grade	7th Grade	8th Grade	9th Grade	10th Grade	11th Grade	12th Grade
Reading/ English	Advanced English	Advanced English	Advanced English	Pre-IB English 9	Pre-IB English 10	IB English 1 Theory of Knowledge/ Extended Essay	IB English 2 Theory of Knowledge/ Extended Essay
Mathematics	Math 6 or Math 7	Math 7 or IM or Algebra	Algebra 1 or Honors Geometry or Higher	Honors Geometry or Honors Algebra 2	Honors Algebra 2 or IB Precalculus (Math SL 1)	IB Precalculus (Math SL 1) or IB Math Studies or IB Math HL	IB Precalculus (Math SL1) or IB Math Studies or IB Math HL
Science	Investigations to Science 6	Investigations to Science 7	Earth/ Space Systems A/B 8	Pre-IB Biology	Pre-IB Chemistry	IB Chemistry or IB Physics 1 or Environmental Systems or IB Biology	IB Chemistry or IB Physics 2 or Environmental Systems or IB Biology
Social Studies	Advanced World Studies 6	Advanced World Studies 7	Advanced U.S. History 8	AP U.S. History	AP Govt. or Honors National, State and Local Govt.	IB History 1	IB History 2
Arts (Music, Visual Arts)	Art, Music, and/or Technology courses	Art, Music, and/or Technology courses	Art, Music, and/or Technology courses	Elective— Technology	Elective— Fine Arts or Music	IB Arts or other elective	IB Arts or other elective
Physical Education	Physical Education And Health	Physical Education And Health	Physical Education And Health	Physical Education	Honors Health (one semester)	Elective Choice	Elective Choice



## School Contact Information

### Watkins Mill High School

Principal: Scott W. Murphy

301-840-3959

### Neelsville Middle School

Principal: Vicky Lake-Parcan

301-353-8064

### Stedwick Elementary School

Principal: Dr. Margaret Pastor

301-840-7187

### Whetstone Elementary School

Principal: Vicky Casey

301-840-7191

### Montgomery Village Middle School

Principal: Dr. Edgar E. Malaker

301-840-4660

### South Lake Elementary School

Principal: Celeste D. King

301-840-7141

### Watkins Mill Elementary School

Principal: Stephanie G. Spencer

301-840-7181

For more information about the

International Baccalaureate:

[www.ibo.org](http://www.ibo.org)



## SEVEN KEYS TO COLLEGE READINESS



1650 SAT, 24 ACT



3 on AP exam, 4 on IB exam



Algebra 2 by Grade 11, "C" or higher



Algebra 1 by Grade 8, "C" or higher



Advanced math in Grade 5



Advanced reading MSA in Grades 3–8



Advanced reading in Grades K–2