

Implementing IB (International Baccalaureate)

A middle school example

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The IB Continuum



K-5th Grade

6th-10th Grades

11th-12th Grades



Primary Years Programme

The PYP prepares students to become active, caring, lifelong learners who demonstrate respect for themselves and others and have the capacity to participate in the world around them. It focuses on the development of the whole child.

Age range: 3-12
First offered: 1997



Middle Years Programme

A challenging framework that encourages students to make practical connections between their studies and the real world, the MYP is inclusive by design; students of all interests and academic abilities can benefit from their participation.

Age range: 11-16
First offered: 1994

[Middle Years Programme](#)



Diploma Programme

Research suggests many benefits to choosing the DP. The programme aims to develop students who have excellent breadth and depth of knowledge – students who flourish physically, intellectually, emotionally and ethically.

Age range: 16-19
First offered: 1968

[Diploma Programme](#)

From IB website:
<http://ibo.org/en/programmes/>

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- 1-Inclusive & holistic (“whole child”)
- 2-Relevant (“connections”)
- 3-Rigorous (“challenging”)





1-Inclusive & Holistic



- Our **entire school** is IB, not just a select few students (as often happens in high schools)
- **10 IB learner attribute profiles**
 - 6th Grade: Awards to students who display a given attribute each month, all students receive an award by year's end
 - Attributes connected to math units

2-Relevant

“Connections between their studies and the real world”

UNIT 2 TITLE Prove It! Stats, Arithmetic Strategies, & Area	CRITERIA RUBRICS CRITERION A: KNOWING & UNDERSTANDING CRITERION D: APPLYING MATH IN REAL-LIFE CONTEXTS	ATL (Approaches to Learning) <u>Collaboration:</u> Working effectively with others. Practice EMPATHY
GLOBAL CONTEXT Orientation in Space and Time 	KEY CONCEPT  Logic	RELATED CONCEPT -Model -Representation
STATEMENT OF INQUIRY We can make better logical arguments by modeling information in purposeful ways.	ESSENTIAL QUESTION How can we argue effectively?	INQUIRY QUESTIONS:
CONCEPTUAL How can I use evidence to prove my statements? 	DEBATABLE Which type of representation shows my data best? 	FACTUAL What units of measure should I use for area? For perimeter?

- Each unit in every content area has a **unit board**, which shows the broader aims and connections that each unit is based upon.
- At least one **interdisciplinary unit** is required per grade level (example: students create solar panel models to scale, through math and science class)

3-Rigorous

CRITERIA RUBRICS

CRITERION A:
KNOWING & UNDERSTANDING

CRITERION D:
APPLYING MATH IN REAL-LIFE CONTEXTS

7-8: Excellent Understanding

5-6: Strong Understanding

3-4: Basic Understanding (try for a 5-6 next time)

1-2: Limited Understanding (please come to tutoring)

0: You didn't take the test, or you turned it in blank.

- Summative assessments (tests or projects at the end of each unit) are graded with **rubrics on a 0-8 point scale**. 7-8 level is intended to be above grade level to provide additional challenge. All levels provide specific feedback without the stigma associated with letter grades.
- 4 criteria (categories):
 - A: Knowing & Understanding
 - B: Identifying Patterns
 - C: Communicating
 - D: Applying Math in Real-Life Contexts

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Questions?

More info on IB at ibo.org

Thank you!