



Pine View Middle School
An IB MYP World School Magnet
Advanced Mathematics Year 1
Mrs. Baska



Middle Years Programme (MYP) individuals and societies incorporates disciplines traditionally studied under humanities and social sciences. This subject group encourages learners to respect and understand the world around them, and equips them with necessary skills to inquire into historical, geographical, political, social, economic, and cultural factors that affect individuals societies and environments, all while honoring the Social Studies Florida Standards. The IB's approach to this subject area helps students to appreciate critically the diversity of human culture, attitudes and beliefs. This helps students to recognize that both content and methodology can be debatable and controversial, and for both practicing the tolerance of uncertainty.

CONTACT ME



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813-794-4800



Remind Class Code
@aggege



Planning Time:
1st and 6th period

MISSION STATEMENT

- Our mission is to provide a rigorous, world-class education which inspires students to become active, compassionate, and collaborative lifelong learners who understand and respect other people and their differences.

MIDDLE YEARS PROGRAMME POLICIES

- All MYP schools have four policies in place by the time of authorization. All policies are published on the PVMS website (<http://pvms.pasco.k12.fl.us/ib-myp-policies/>) as they are created.
- Academic Honesty Policy: This policy outlines the expectations of integrity and honesty for all stakeholders at PVMS.
- Language Policy: This policy outlines support provided across the school for students who are not yet proficient in English.
- Special Needs Policy: This policy defines how the MYP is inclusive for all PVMS students.
- Assessment Policy: This policy outlines procedures to ensure that assessment supports student learning. A video on assessment in the MYP is available on our website under IB MYP Videos

BEHAVIOR EXPECTATIONS

1. Be in seat when tardy bell rings.
2. Put proper heading on all work.
3. Do not use electronic devices in class without teacher permission.
4. Bring all of your supplies to class daily.
5. Complete all of your work and turn it in on time.
6. Respect your teacher & classmates.
7. Adhere to all MYP policies.

School-Wide Discipline Plan:

1. Reflection sheet with time out and conference with a teacher.
2. Parent contact and lunch detention.
3. Parent contact and in class suspension with lunch detention and team conference.
4. Discipline referral

With your child, please review the District School Board of Pasco County's policies regarding Attendance, Academic Integrity, Tardiness, and Dress Code which can be found on pages 6-9 in the Student Planner.

Rewards

Students will earn Class Tickets, Learner Profile Raffle Tickets, and other incentives for positive behaviors that reflect the MYP/IB Learner Profiles.

MYP Learner Profiles- The IB learner profile represents 10 attributes valued by IB World Schools. These attributes, and others like them, can help individuals and groups become responsible members of local, national and global communities.

Caring Balanced Reflective Inquirer Communicator
 Knowledgeable Principled Risk Taker Thinkers Open Minded

Classroom Rules

Behavior Plan

GRADING/ASSESSMENT

Performance Summative Assessment Grading Scale

for assessments graded using the MYP rubric

Rubric score	8	7	6	5	4	3	2	1
PVMS Grade	100	94	88	82	76	70	64	58

A rubric score of 0 equates to a PVMS score of 0

Grading Scale

used for all assignments, assessments and final grades. Not used for performance based, summative assessments

90-100%	A
80-89 %	B
70-79 %	C
60-69%	D
0-59%	F

60% Formative (Assessments, Quizzes, Projects)

40% Summative (Weekly HW, Exit Slips, Classwork, Class Activities)

Students will have a variety of performance & traditional assessments during the year.

Please check MyStudent for grades at least once a week.

Advanced Mathematics Year 1

LATE / INCOMPLETE WORK



My expectation is that **ALL** assignments are completed on time. It is important to develop strong study skills as you progress through your middle school.

No assignment(s) will be accepted after 1 week of date due

CLASS RESOURCES



Students and parents should be signed up for our class **Remind** account. This is used to communicate upcoming assignments, events, reminders, and progress. Login information will be sent home and the class code can be found on the front of this syllabus. Students and parents should also have access to **MyStudent** to keep track of grades and assignments. ALL handouts for assignments will be uploaded to **MyLearning** and available to print from home if needed.

Textbook Info: Illustrative Math . Electronic copy on myLearning

ABSENTEE POLICY



YES, WE DID SOMETHING IMPORTANT WHILE YOU WERE ABSENT.

Excused absences guarantee students the right to make up any and all assignments assigned on the day[s] of absence at full credit. The student is responsible for asking the teacher(s) for assignments and make-up tests upon returning to school. The teacher(s) shall specify a reasonable period of time for completion of make-up work. In no case shall the time be less than one full calendar day for each day missed. Work due to be turned in on the day of the absence will be turned in upon return and be given full credit. The principal or designee shall have the authority to modify these conditions with a confirmed hardship. Students who have been assigned out-of-school suspension (OSS) may make up all missed assignments and tests for full credit. (*Student Code of Conduct page 9*)

TECHNOLOGY



Students are expected to abide by all school and district digital safety rules and guidelines. Failure to do so will result in said student being banned from technology in class. While we encourage students to bring their own devices to school, using them in class without teacher permission will result in a behavior step.

UNITS

Course Overview: **ATTENTION!!!!** **Year 1 Advanced Math is a rigorous and fast paced course.**

The mathematics curriculum this year focuses on Year 1 Math and 1/2 a year of Year 2 Math.

Year 1

- [Unit 1 Area & Surface Area](#)
- [Unit 2 Introducing Ratios](#)
- [Unit 3 Unit Rates & Percentages](#)
- [Unit 4 Dividing Fractions](#)
- [Unit 5 Arithmetic in Base Ten](#)
- [Unit 6 Expressions & Equations](#)
- [Unit 7 Rational Numbers](#)
- [Unit 8 Data Sets & Distributions](#)

Year 2

- [Unit 2 Introducing Proportional Relationships](#)
- [Unit 4 Proportional Relationships and Percentages](#)
- [Unit 5 Rational Number Arithmetic](#)
- [Unit 6 Expressions](#)

What do You and Your Family Need to Know?

- This year students will learn all MYP Year 1 Math skills and concepts

Students will:

- *Learn about the IB Learner Profiles and how we connect them to math
- *Learn new vocabulary and concepts that are integrated with Real World connections
- *Engage in collaborative problem solving activities, communicate with peers, and develop responsibility for your learning and encourage others with their struggles.
- *Solve real world problems using different mathematical concepts and skills, use the scientific method to analyze and justify your conclusion, collaborate with peers and design other ways to solve problems and understand your skills and ideas can help others.
- *Work in groups and individually to gain awareness ways you can use your skills to help others in your group be successful.
- *Strive to solve problems by persevering through difficulties. Set goals to complete daily assignments, class activities, and homework
- *Participate in group activities and complete learning units to reinforce math skills and concepts that help you understand how you can apply this to your life now and in the future.
- *Assess after the completion of learning concepts and skills. Assessments are done in a variety of ways. For example, but not limited to: observation, discussion, hands on activities, written, oral, problem solving, warm ups, Exit tickets, quizzes, and Tests.

DO NOT CUT!!

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I, _____, have read and understand the rules and expectations for Year 1 Advanced Mathematics. I acknowledge that it is my responsibility to contact my teacher if I have any questions or concerns. I know that this syllabus, assignments, and resources are available to me online at any time. . I understand that students must adhere to the MYP policies and procedures. **This syllabus should remain in the student notebook/folder.**

Student signature _____ Parent signature _____