



MILWEE
MIDDLE SCHOOL
Home of the Spartans

2017-2018

7th Grade Pre-IB/Advanced Mathematics II

Instructor: Mrs. Lynda Corlett
Location: Building 7 - Room 107

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Welcome to 7th Grade Pre-IB/Advanced Mathematics II! I hope all of you have had a wonderful summer. I am sure that you will find this course challenging, but I am also sure that you will enjoy it and have some fun while we work together. This year you will master all of the 7th grade mathematics skills which were covered last year and all of the 8th grade skills as well. Be sure to do all homework assigned as it serves as critical practice for what was learned in class. Our team purposely chooses critical problems and we expect you to complete them on time.

Be sure to ask questions and for extra help if you need it. I cannot provide assistance as you learn unless you let me know that you need it. I am confident that through practice and experience, you can and will master every essential mathematics skill.

Website: **eCampus**
<https://portal.scps.k12.fl.us/customLogin.jsp>

Students will use the SCPS ePassport portal to access grades (Skyward) and to access course information and materials (eCampus).

Student Login Information: **Username: Student ID**
Password: Set by student (can be reset by student)

Skyward
In addition to eCampus, each Sunday evening I will post a message in Skyward which displays the lessons, assignments and learning goals for the upcoming week.

Weebly
I will be maintaining my personal website until further notice. It is mrscorlett.weebly.com.

Text: Big Ideas Math – Advanced Course 2 – Big Ideas Learning

On-line Text: The on-line text is accessible through ePassport. Students press the word “Class Tools” at the bottom of the page. Next, they click the app tile for Big Ideas. If it is not visible, they should press the orange button that says “MATH.” Next, choose the correct book and then the Dynamic Classroom tile.

I have posted the PDF file of your book organized by chapter on my eCampus site. Simply press the book icon and you will see the hyperlink to each chapter’s PDF file. You can download these files if you are having any issues with the e-book. I will also copy the book onto a flash drive if provided by your child.

Materials:

1. A spiral notebook. All in class notes will be taken in a spiral notebook.
2. Two 3-prong folders. Students will keep one folder in the classroom and will use it to track their learning throughout the school year. The other will be used to keep their assignments. Students are expected to bring their folder to class every day.
3. Lined notebook paper. All homework problems will be worked showing each step on lined paper.
4. Pencils. Students are expected to supply themselves with 2 pencils with erasers for every class.

Critical Parent Information: *Use **Skyward** to track your child's progress!*

It is essential to your student's academic success to sign up for family access to skyward. Please visit the front office to obtain a login and password. Through Skyward, student attendance, assignments and grades can be monitored. If you would like more information regarding family access to skyward please visit http://www.milwee.scps.k12.fl.us/bin_docs/academics/SkywardFA.pdf.

If you would like to receive my emails, parents and students must enter their email addresses in their own individual Skyward accounts. I regularly send materials and progress updates via Skyward. As the classroom teacher, I cannot enter your child's email address or your email address. If you want to be well informed, you should complete this step!

All students will automatically have access to Skyward. They will enter Skyward from the SCPS ePassport portal.

Course Description:

The course will cover the topics which follow:

First Quarter:

- Module 1: Expressions, Equations, & Inequalities
- Module 2: Two-Dimensional Geometry

Second Quarter:

- Module 3: Three-Dimensional Geometry
- Module 4: Angle Relationships
- Module 5: Similar Triangles & Scale Drawings

Third Quarter:

- Module 6: Probability
- Module 7: Graphing and Writing Linear Equations
- Module 8: Functions
- Module 9: Statistics & Data Analysis

Fourth Quarter:

- Module 9: Statistics & Data Analysis (Continued)
- Module 10: Systems of Linear Equations
- Module 11: Exponents
- Module 12: Transformations
- Module 13: Real Numbers & Pythagorean Theorem

Grading Policy:

Grade Book Categories	
Assignments	40%
Tests	40%
Homework	10%
Quarter Exam	10%

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

1. **Homework (10%)** Repetition and practice is vital to fully understanding mathematical concepts. To enhance your understanding, you need to complete homework. Homework will be checked on a regular basis and is a very important factor in being successful in this class. **Test and quiz questions will be formulated from the homework, so successful completion of homework is a great way to prepare for tests/quizzes.**

All students are expected to complete **every homework and class work assignment**. Absence from school does not excuse your child from the assignment or the homework. Make up work is due one day after each day of excused absence.

2. **Assignments (40%)** This category will include all independent work which has been designed to monitor student progress toward mastering the benchmarks **except for exams**. Also, it will contain any class work.
3. **Tests (40%)** This category will include all unit exams. It may contain quizzes which assess a significant part of a unit.
4. **Quarter Exam (10%)** This category will contain the score from the end of quarter exam. Students throughout the county will be taking common assessments which have been designed for their specific mathematics course.

Cooperative Learning Group Rules

Students will be expected to work together to complete assignments throughout the semester. Students are to maintain all classroom rules during these group sessions. ALL students MUST participate and ask each other questions **relating to the math topic**.

Showing Your Work

In order to receive credit, students will be expected to **show all steps** when solving problems. We are building a foundation for all future mathematics classes. Students should begin this process now in order to be successful in higher level courses. **Calculators will be permitted in class only when requested by the teacher**.

Academic Dishonesty

Cheating is a violation of the student's code of conduct standards. If a student is caught cheating he/she will be disciplined appropriately. Forms of cheating which are unacceptable include:

- I. Unauthorized assistance. (Ex. Communicating to a friend the answer to test questions through oral, written, or electronic means.)
- II. Plagiarism. (Copying someone else's work.)
- III. If you allow another student to copy your work, you are also in violation of the code of academic dishonesty, and you will suffer the same consequences as the offender.

----- **Please return to Mrs. Corlett** -----

We have read and discussed the mathematics academic plan in Mrs. Corlett's class. This signed policy will be collected by the teacher and kept on file.

Note: Parents please include your email address so that I am able to contact you if necessary. Thank you.

Student Name (Printed)

Parent Name (Printed)

Student Signature

Parent Signature

Parent/Guardian Name(s):

Phone Number(s) and Email Address (es)

Please circle YES or NO for the following statements:

- | | |
|---|--------|
| 1. I have a computer (desktop or laptop) at home. | YES/NO |
| 2. I have a computer at home with reliable access to the Internet. | YES/NO |
| 3. I am able to print documents at home. | YES/NO |
| 4. I would like to borrow a hard copy of the book since computer access is limited. | YES/NO |

NOTE to the Teacher: