

Secondary 3 Mathematics MAT 306
 “Believe to Achieve”



Ms. Smith
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Course Topics:

The following chart gives an overview of the topics covered in this course. A more detailed calendar of events can be found at your teacher’s website.

	World	Topic	% of Course
Term 1	1	Pythagorean Theorem and Exponent Laws	5
	2	Polynomial Operations	10
	3	Equalities and Inequalities	10
Term 2	4	Linear Relations	25
	5	Systems of Equations and Rational Function	10
Mid-Year Exam (Week of February 1st)			
Term 3	6	Surface Area	5
	7	Volume of Solids	5
	8	Missing Measures & Similar Figures	10
	9	Probability	10
	10	Statistics	10
Final Exam			

Evaluation for Each Term Report:

This chart shows how students will be evaluated on their term report card.

Competency 1: (30%) Solves a Situational Problem	Situational Problems (in-class and take-home)	30%
Competency 2: (70%) Mathematical Reasoning	Homework / Assignments	10%
	Quizzes	20%
	Tests	40%
	TOTAL	100%

Final Mark Weightings:

This table shows the weighting of the final mark for this course.

Term 1	Term 2	Term 3		Total
20%	20%	Term Mark 20%	Final Exams 40%	100%

Note Situational Problem (Competency 1) will not be evaluated on the term 1 report card.
 The Mid-Year exams are worth 50% of Term 2.

Required Classroom Materials:

- ✓ 3 ring binder
- ✓ Scientific Calculator
- ✓ Ruler
- ✓ Pencil & Eraser (NO PENS)
- ✓ Graph Paper (recommended for term 2)
- ✓ Spiral 80 + Page Notebook
- ✓ Duo-tang
- ✓ Math Student's Guide to the Galaxy Workbook

1. Homework

- The goal of homework is to review and practice new concepts on a consistent basis. Students will have time to work in class and will be expected to complete unfinished questions at home

2. Destination Checks

- Several chapter check-ins are provided throughout each unit so that students can demonstrate their current understanding of a newly learned concept and receive feedback for next steps before completing a formal assessment (quiz/test)

3. Quizzes will be given out throughout the term

- The goal of a quiz is to provide students and teachers with regular feedback to identify areas of strength as well as next steps. (20% of term mark)

3. Tests will be given out at the end of each World (2-3 each term)

- The goal of a test is for students to independently show mastery of concepts
- Test questions tend to be medium-hard in terms of level of difficulty. (40% of term mark)
- Memory aids will be expected for all tests

4. Situational Problems (1-2 each term in class + take-home mini situational problems throughout the year)

- The goal of a situational problem is to apply mathematical concepts in a unique scenario.
- Situational Problems are medium-hard in difficulty. (30% of term mark)
- Memory aids will be allowed for all situational problems
- A situational problem will cover any material already learned, including multiple chapters
- Situational problems will be given each term, but will only be evaluated in terms 2 and 3

Remind: Our class has an assigned Remind account. This app allows teachers to text reminders without the exchange of personal phone numbers and is a great resource for both students and parents. The instructions for our class can be found on Ms. Smith's website.

Class Success:

To be successful in this course, you will need to:

- PRACTICE, PRACTICE, PRACTICE
- Positive attitude
- Attend extra help when needed
- TRY YOUR BEST
- Come to class prepared to learn & work
- Complete your OWN work

Expectations:

- Believe in yourself and others
- Act like your mature-self
- "Don't waste a good mistake...learn from it" (Robert Kiyosaki)

Looking forward to a great year!
Ms. Smith ☺

