

7 RED Mathematics
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General Education Objectives

The seventh grade curriculum is a pre-algebra curriculum. In addition to the pre-algebra objectives, some other education objectives are:

Learning to value and clearly explain one's thinking-verbally and in writing.

Learning to value others' thinking and learn from others.

Expanding problem-solving repertoires by working on non-traditional problems

Improving 'number sense' by working on skills for estimating and mental math strategies

Developing a beginning awareness of the breadth of mathematics through activities related to topology, discrete math topics and other areas.

Developing student skills:

Turning in work regularly

Producing quality work that meets required criteria

Keeping an organized notebook

Learning persistence in problem-solving

Learning to be resourceful when experiencing difficulty

Learning effective study and test-taking skills

Homework

Home is assigned almost every night and is meant as a reinforcement of the work done in class. Students are responsible for writing the assignment down in their plan books and making up any assignments they may have missed.

Homework is due the day after it is assigned, after that it is considered late.

Homework is graded on a scale of 0-5 based on the following criteria:

Completion

Visible Effort

If an assignment takes more than 30 minutes, a parent/guardian can sign-off on the assignment and full credit will be awarded. However the student must come for after-school help session to complete the assignment to maintain full credit. Otherwise the assignment gets a 0.

Binders

Binders are to be maintained at all times. This means

Papers are to be clipped into the rings of the binder in the appropriate section and NOT jammed into pockets.

Students should become accustomed to using the binder as their primary reference for the course. It should be the first place they look when struggling with assignments. Periodically students will 'clean out' certain sections of their binders and create 'study packets' with those materials will be used to review for the midyear and final exams.

Grading

Students are given a scalar weight in averaging term grades. Generally, the binder grade, quiz grade and homework grades are each given a scalar weight of 1. The chapter test grade is given scalar weight of 2. Quizzes are usually 50 points and Tests are 100 points. Other assignments will be worth different points. Finally the midyear exam and final exam are given a scalar weight of 2 and are worth 100 points.

Extra Help Days are Tuesdays and Wednesdays. Students should come for extra help at the first sign of difficulty. It is important that the student takes that first step towards self-advocacy.