

7th Grade – Accelerated Math

2021-2022

Contact Information:

Mrs. Burns

Room A101

354-5160

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Student Learning:

This course is designed to cover two years of middle school math standards (7th & 8th grades) in one year, in preparation to complete high school level Algebra 1 as an 8th grader. Classes and lessons are fast-paced, and students are expected to complete work outside of the school day.

The units or modules covered in 7th grade accelerated math include:

- Proportional Relationships (Ratios & Percents) (7th)
- Rational Number Arithmetic (7th)
- Expressions, Equations, and Inequalities (7th)
- Linear Relationships (8th)
- Congruence and Similarity (8th)
- Pythagorean Theorem and Irrational Numbers (8th)
- Geometry (7th & 8th)

Materials:

Students will be provided a textbook for each unit. It is recommended that students have access to the following tools at home:

- Whiteboard, marker and eraser (scratch paper is okay too)
- A scientific calculator – recommended calculator: TI-34 (any model)
- A straight edge or ruler

Attendance:

When a student is absent from class, it is the student's responsibility to look on TEAMS for what should be completed. Required work and links to videos and lessons will be posted daily.

Students are expected to be in class and ready to learn when the bell rings. Frequently being late to class is unacceptable. Students who are late to class should enter the classroom quietly, give their tardy slip to the teacher, find their assigned seat and get to work.

Late Work:

Students are expected to turn work in on-time. Late work will be accepted up the end of the current quarter. End of quarter dates are as follows:

- 1st Quarter: November 5
- 2nd Quarter: January 28
- 3rd Quarter: April 15
- 4th Quarter: June 17

Testing:

Student learning is always the goal; therefore, if a student does not show mastery on an assessment, students are invited, and encouraged, to complete the steps necessary to improve their grade.

Test Corrections: Students will receive their unit tests back with problems marked incorrect. Students can choose to correct these problems (not including multiple choice, true/false questions) to earn up to half credit back. Students will have two weeks from the day they receive their test back to complete the corrections. Corrections must be completed on a separate sheet on paper (provided)

Test Re-takes: Students who wish to retake the test for full credit must first complete the test corrections. Once corrections have been completed, students can schedule a time to come in after school to retake the assessment. Sometimes, the student may be asked to work with Mrs. Burns prior to re-taking the test.

Homework and HW Checks:

Practice problems from the textbook will be assigned for students to complete after each lesson. Practice problems are not graded, although it is highly recommended that students attempt the practice problems assigned. Students who complete the practice problems will be given the opportunity to check their work. This will help students be more successful completing HW Checks. Furthermore, students who complete and correct the practice problems will be allowed to use that information on the HW Checks.

HW Checks are given several times throughout each unit. This is NOT to see if students have completed their homework. This is an opportunity for students to demonstrate their understanding of the topics we have covered in class. HW Checks contain one or two questions from each lesson we have covered. Typical HW Checks have 4-6 questions. HW Checks are not graded as tests or quizzes, but students are asked to complete the work on their own in class. Students will be given the opportunity to re-take HW Checks on Fridays. Each HW Check may be re-taken only once.

MATHia Workspaces:

MATHia workspaces are assigned to go with each topic. Students will be given time on Fridays to complete workspaces. It is recommended that students spend about 15-20 minutes per week working on MATHia outside of class.

Grading Scale:

Final grades are calculated using the following percentages:

Tests 50%
Classwork/HW Checks 25%
MATHia 25%

Behavior Policy:

The school-wide progressive discipline plan is followed in the classroom.

Behavior that interrupts the learning of others will be referred to the intervention and administrative team for follow-up. Students are expected to adhere to class norms and expectations as laid out in the student handbook, which is on pages 4-10 in the student planner.

I have read and understand the policies in this syllabus.

Student Signature _____

Parent Signature _____

Percentage	Letter Grade
93-100	A
90-92	A-
87-89	B+
83-86	B
80-82	B-
77-79	C+
73-76	C
70-72	C-
67-69	D+
60-66	D
Below 60	F