

Welcome to 8th Grade!

Mathematics Syllabus

Instructor Information

Instructor: Ms. K. Kaneria

Room Number: 16

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Planning Period: 12:16 p.m. – 1:28 p.m.

Course Description

In Grade 8, instructional time will focus on three critical areas: (1) formulating and reasoning about expressions and equations, including modeling an association with a linear equation, and solving linear equations and systems of linear equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

The standards will be taught according to the following schedule:

1st Nine Weeks

- Real Numbers
- Analyze and Solve Linear Equations

2nd Nine Weeks

- Use Functions to Model Relationships
- Investigate Bivariate Data
- Analyze and Solve Systems of Linear Equations

3rd Nine Weeks

- Analyze and Solve Systems of Linear Equations
- Congruence and Similarity
- Understand and Apply the Pythagorean Theorem

4th Nine Weeks

- Solve Problems Involving Surface Area and Volume

Exam Schedule

Week	Exam
Week 2	Benchmark #1: ELA, Math, and Science
Week 3	iReady Diagnostic Screeners #1: ELA and Math
Week 5	iReady Standards Mastery #1
Week 8	iReady Standards Mastery #2
Week 11	iReady Standards Mastery #3
Week 13	Benchmark #2: ELA, Math, and Science
Week 14	iReady Standards Mastery #4
Week 17	iReady Diagnostic Screeners #2: ELA and Math/ iReady Standards Mastery #5
Week 19	iReady Standards Mastery #6
Week 22	iReady Standards Mastery #7
Week 25	iReady Standards Mastery #8
Week 26	Benchmark #3: ELA, Math, and Science
Week 28	iReady Standards Mastery #9
Week 29	iReady Diagnostic Screeners #3: ELA and Math
Week 30	iReady Standards Mastery #10

Grading Policy

The following outlines the grade distribution for this course:

- Minor Grades (55%) – Includes, but is not limited to, daily activities, classwork, participation, quizzes, and exit tickets
- Major Grades (45%) – Includes summative evaluations, term projects, chapter tests, and unit tests

Note: Teachers will assign and grade a minimum of 10 minor grades and a minimum of four (4) major grades per nine weeks. Teachers will enter two (2) major grades before progress reports and will update their grades a minimum of once per week.

Grading and Evaluation

The following outlines the grading scale for this course:

90 – 100 = A (Excellent)

80 – 89 = B (Above Average)

70 – 79 = C (Average)

60 – 69 = D (Below Average)

0 – 59 = F (Failing)

Organizational Requirements

It is **recommended** that students bring a spiral/composition notebook, binder with paper, or folder to every class period. A writing utensil (pencil, pen, etc.) is **required**. All other materials that students may need will be provided in class.

Make Up Work Policy

Students have the number of school days they miss to make up any missed work (ex. if they miss four (4) school days, they have four (4) school days to turn in **all** of the work that they missed). Any work that is not made up in this time will be graded as a zero (0) – there will be **no exceptions**.

Homework and Late Work Policy

There will be **no official homework** given in this class! Most daily grades (G1 assignments) will come from **classwork that students start in class and can finish at home** if they do not finish the assignment in class. These classwork assignments will be graded for participation and/or accuracy and are due at the beginning of the next class period – **any classwork assignment not turned in at the beginning of the next class period will be graded as a zero (0) and cannot be made up at a later time!**

Extra Credit Policy

No extra credit will be given on an **individual basis** – if extra credit is offered, it will be offered to the entire class so that it is fair to everyone.

Academic Dishonesty

Cheating and plagiarism or involvement will result in a **zero (0)** for the assignment and a parent/guardian phone call or meeting. Cheating includes, but is not limited to, all of the following:

- Copying the work of other students
- Letting other students copy your work (even if it is only one or two problems)
- Passing off someone else's work as your own

Rules and Expectations

Students are expected to come to class everyday prepared and ready to learn with a positive attitude. Students are required to act in a behavior conducive to learning, according to Cleveland School District code of conduct, the rules established by Cleveland Central Middle School, and my classroom rules and procedures. If students are not able to follow the expectations, they will be disciplined according to the steps and procedures detailed in the Student Handbook.

Resources

This course will use the Savvas enVision Mathematics curriculum and textbook as well as supplemental resources including (but not limited to):

- ExploreLearning Reflex Math Online Program
- Imagine Math Online Program
- iReady

In addition to the resources listed above, a Grade 8 Mathematics MAAP practice test is available online at the link below:

https://ms.nextera.questarai.com/docs/MS2203_Math_Grade_8_Practice_Test.pdf

Additional Information

Please feel free to reach out if you have any questions or concerns! I look forward to working with all of you this year. Go Wolves!