

Math 8 - Course Outline

Oyster Pond Academy

Mr. Ethan Merlin



Welcome to Mr. Merlin's Math class! I hope that you all had a fantastic summer break and are as excited as I am to get this school year underway. Throughout the duration of this semester, we will be diving into an abundance of math concepts aimed at improving our skills, deepening our understanding, and completing required outcomes. These concepts build on previous years as well as introducing new ones. I will directly be following the outcomes set forth by the Department of Nova Scotia and students will be issued a course textbook either a hard copy or digitally when necessary. It is expected that students respect all and any handouts that they receive along with the textbook as this is teaching material.

Expectations

Students are expected to:

- Arrive on with all necessary class materials. (pencil, math journal/notes and calculator)
- Respect their environment, teacher and classmates.
- Be responsible for their learning.
- Follow the rules outlined by the school.
- Only use their technology at appropriate times.
- Catch up on work when time is missed from school.

Students are expected to arrive with a positive attitude each day towards what we are doing in class. It is understood that students may not enjoy all class activities, but they are expected to be open and try their best. Students are **not** permitted to have cell phones out during class. UNLESS told otherwise by the teacher when usage could benefit classwork. Devices are best kept in bags or lockers during class time.

Students are expected to respect themselves, others, and the learning environment while in class. Any incidence of poor attitude towards learning, bullying, racism, sexism, homophobia, etc. will not be tolerated in class. There will be appropriate consequences to follow these actions.

Extra Help

- When requested, extra help will be offered and arranged during lunch periods.

Communication

Regular and healthy communication is crucial to the success in my classroom. All involved in the educational journey of their student needs to be involved in order for success to take place (students, parents/guardians, teachers, administration, support staff, health care professionals, etc.). It is required that students are enrolled in our Google Classroom and are encouraged to invite their parents/guardians to join as email notifications are sent each time something is posted. Our Google Classroom will be updated regularly with announcements, class notes, lecture slides, answer keys, educational videos, and more. With this, when something of immediate importance and/or an issue arises, I will be sure to send an email or directly call home if needed. In addition to the constant use of the Google Classroom and emails. Outside of an issue/emergency, direct communication takes place to celebrate your students successes and to keep parents/guardians in the loop or required updates.

Course Outline

Text: Math Makes Sense 8 by Pearson

* The order in which Units are completed may vary to best fit our progress.

Unit 1: Square Roots and Pythagorean Theorem - Sept. - Oct.

Unit 2: Integers - Oct. - Nov.

Unit 3: Operations with Fractions - Nov. - Dec.

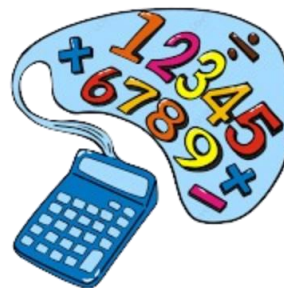
Unit 4: Measuring Prisms and Cylinders - Jan. - Feb.

Unit 5: Percent, Ratio, and Rate - Feb. - March

Unit 6: Linear Equations and Graphing - April - May

Unit 7: Data and Probability - May

Unit 8: Geometry - June



Assessment and Evaluation

- A variety of in-class assignments, homework questions, conferences, tests, quizzes, and journal responses will be used to assess the students' understanding of each outcome. This information will be used to determine a numerical grade at the end of each term.
- Students are evaluated on specific curriculum outcomes using a 1-4 scale:

Achievement Level	Description
4	In - depth knowledge and understanding of content and concepts. Able to extend the application of related skills.
3+	Competent +
3	Competent knowledge and understanding of content and concepts. Appropriate application of the related skills.
2+	Developing +
2	Developing knowledge and understanding of content and concepts. Developing in the application of the related skills.
1+	Limited +
1	Limited knowledge and understanding of content and concepts. Limited application of related skills.

Report Card Language

There are three terms in junior, students will receive three report cards throughout the year. The report card will show a percentage mark for any units taught during the given term.

The following will be used to summarize the math performance pertaining to the math outcomes:

90-100% - excellent or outstanding understanding of the concepts.

80-89% - very good understanding of the concepts.

70-79% - good performance understanding of the concepts.

60-69% - satisfactory understanding of the concepts.

50-59% - minimally acceptable understanding of the concepts.

Below 50% - not met minimum requirements to show understanding of the concepts.

Students will be assessed by math strands. You will notice that on report cards students will have more than one numerical grade depending on the math topics covered that term.

Parents/guardians and students are welcome to contact me anytime if you have any questions or concerns.

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