**Mathematics:  Grade 8 Syllabus**

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**Course Description:**  Eighth Graders in Pre-Algebra will be able to solve and create expressions and functions; one-step, two, and three-step. Students will also learn to graph and apply functions into every life situation. Students will also learn about geometry, parallel and transversal lines. Students will be able to solve for missing angles and learn how to apply these concepts into everyday life situations.

**Class Expectations:**

* Attendance is important for academic success.  O.L. Smith attendance policy will be adhered to at all times.
* It is the student’s responsibility to be present in class and on time.  Any student who is not in the room when the bell rings will be considered tardy.
* No Cell Phones, IPOD’s, MP3’s and other electronic devices are allowed unless instructed to be brought to class
* All work must be shown on all assignments.  Answers without supporting calculations will not be accepted.  This applies to all tests and quizzes as well.
* RESPECT the teacher, the classroom, and other students
* Always have something to read
* Passes will only be given to those students with a planner

**Needed materials**

1. A Two-Pocket Folder (Any color will do)
2. Composition Notebook for notes and personal achievement tracking
3. Pencils
4. Ruler
5. Small set of markers
6. Highlighters

**Work to expect**

Much of the work will be done in our new math textbooks and google classroom assignments.  The new textbooks are able to be written in and will be checked periodically. **It is the student's responsibility to keep track of these textbooks and if any are lost at any time throughout the year, it will be the responsibility of the student to purchase a new one.** Throughout the year we will be completing a few projects and other activities. Expect some degree of homework each night (no more than 30 minutes).

\*\*\*KHAN ACADEMY will also be assigned as part of classroom learning. Please notify me if your student does not have internet access at home for this assignment

**Late, incomplete or incorrect assignments and Exam Retakes:**

It is a school, and my expectation that all assignments be handed in on the determined due date. If a project needs to be turned in late, the penalties will be outlined in the rubric. Obviously, circumstances do happen and can be discussed with me at any time.

Exam retakes will be done as follows:

-Student must correct the problems done incorrectly   
- Student must also explain why they got those problems wrong

\*if these requirements are met their grade will be adjusted accordingly\*

**Exam corrections are only accepted within 1 week from the original testing date.**

**Cheating**

If a student is caught cheating the test will be taken from them at that time. They will have to come in after school to restart and complete the test. They will only be able to receive a 75% at MOST.

Cheating will not be tolerated.

**Discipline Plan**

**PBIS** stands for Positive Behavior Intervention Support. It is a program designed to teach respect, responsibility, and safety at our school. The PBIS Matrix is a guide to help us remember what consequences we will receive for faulty behavior.

**Assessments:**  Students will receive both formative and summative assessments.

* *Formative assessment* is the ongoing assessment of each student aimed at providing information to guide teaching and improve student learning. Students will be consistently assessed on daily materials and concepts.
* *Summative Assessment* is the collective assessment for a unit of study. It is designed to provide a grade indicating whether a student has made progress and learned sufficient information to move on to the next level of performance.

**Gradebook categories:**

-***Summative*** (Unit tests and Lesson Quizzes)

-***Assessments*** (S.L.O.T. Quizzes, Stations work, large assignments such as projects and group work)

- ***Khan***  (Khan Academy requirements)

- ***Formative*** (Homework, bell work, T.O.D)

**PARENTS AND STUDENTS:**We will be using Google Classroom and iBlog to keep parents and students notified about daily assignments and upcoming events.  Both websites will be used to keep both students and parents informed of assignments and other classroom/school announcements.

Please contact either or both of us with additional questions or concerns.

Thank you for your support.  I’m looking forward to a great year!

Sincerely,

Mr. Petrusha and Mrs. Rockey

