

# 2018-2019 Pre-Algebra 7 Information

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## Supplies

Students must bring the following supplies EVERY class:

- 2 Composition Notebooks
- 3-ring binder with dividers and supplied with notebook paper
- Pencil & highlighter
- Straight edge (ruler)
- Agenda

## Classwork (20%)/Homework (10%)

Homework will be assigned each class period and will be due the following class. It will be graded for completeness. At least once a week, I may take it up for an accuracy grade, but the students will know which assignments will receive an accuracy grade. All Classwork grades will come from anything I grade for accuracy (other than quizzes and tests). I will answer any questions that are asked about any of the assignments. It is essential that the students ask questions when they have them. They should NEVER let it go until they take the quiz or test on that information, because then it is too late to help them. Asking questions in class is imperative to understanding the material. Math is a skill that needs to be practiced correctly or the new skills are learned incorrectly – just like playing a sport or playing a musical instrument or learning a new language.

## BYOT Policy

BYOT stands for “Bring Your Own Technology”. This technology use is for instructional use only. Students are not to use the technology without permission from the teacher. The student will be asked to put it away if used incorrectly. If the student continues to misuse the technology, it will be placed in the main office and the parent will have to come to the school to pick it up.

## Notebook/Textbook

Students will not be issued a textbook for this course. Instead, students will be creating their own textbook over the course of the school year in a 3-ring binder. This notebook will feature typed and handwritten notes, example problems, foldables, and anything else the students want to use to reference later. In this classroom, math is learned by doing, not by watching. It is crucial that students bring their notebook to class and home daily to reference. It is in the students’ best interest to take notes that are neat, organized, and easily referenced. If you would like to have a textbook issued for additional reference, one can be issued as per request via email. The notebooks may be checked prior to each Unit Test for completeness, neatness, and organization. This will be part of the classwork/homework grade.

## Quizzes (30%) and Tests (40%)

Quizzes and tests are given every Friday, unless notified. Tests are at the end of each unit. The students will always be aware whether the Friday will be set aside for a quiz or test. The tests will be cumulative with the majority of the test containing the current material. Review for the quiz or test will be conducted/given in class on Thursday before the assessment.

## Hall Pass Policy

Class time is valuable learning time. Students need to remain in class as much as possible. To limit distractions, students should use the restroom before or after class. If, during class, there is an emergency, a pass will be given. Students are to come to class prepared with their supplies. They will not be allowed to go to locker during class. The agenda will be used as the pass.

## ASPEN

Every parent and student will receive a login for ASPEN. I upload all assignments, quiz/test dates, helpful Math links, and other pertinent information on ASPEN. If students are absent, they can refer to ASPEN for missed work. The student’s grades and interim reports will also be located on ASPEN in the form of a live grade book. This will be, along with the email component, my primary source of communication for the parents and students. Please let me know if you are unable to access ASPEN.

## After School Help

I encourage the students in Pre-Algebra 7 to use their time wisely in class to make sure they understand the material at hand. They are in class every day for 90 minutes (double the amount of time that they will receive in high school math courses) with plenty of opportunity to ask questions and practice their skills. However, I will be after school most Tuesdays from 2:55 – 3:45. An afternoon activity bus will be available for transportation home.

Make-up work Policy	Calculator Usage
<p>Make-up work for the 1<sup>st</sup> semester will be accepted as follows:</p> <ul style="list-style-type: none"> <li>• HW made up before the unit test will receive a 75%</li> <li>• HW made up after the given unit test but before the interim (4.5 weeks) will receive a 50%</li> </ul> <p>** Please note any work made up due to an absence receives full credit. Quizzes and tests must be made up within the amount of class blocks absent. (i.e. if absent 2 class blocks, then the test must be made up within 2 class blocks of return to school)</p>	<p>Calculators will be used, as needed, in Pre-Algebra 7 all year. Emphasis will be placed on understanding the skill at hand without relying on the calculator. This is a course preparing the students for Algebra I. Learning and using the basic arithmetic facts is essential to understanding the Algebra skills. If the student constantly relies on the calculator to calculate for them, these skills will not be mastered and will interfere with the mastery of Algebra – the backbone of math. The arithmetic skills learned so far are like the foundation of a building. If that foundation is not strong, the building will eventually crumble.</p>

Daily Agenda/Grading Scale	What To Do If Absent
<ul style="list-style-type: none"> <li>• Daily Warm-up A.....100-90</li> <li>• Check HW B.....89-80</li> <li>• Lesson of the Day C.....79-70</li> <li>• Guided Practice/CW D.....69-64 F.....63-0</li> </ul> <p>HW assigned/started in class/finished at home, if needed</p> <p>**Students who are recommended for Pre-Algebra 7 will be required to maintain an A/B average to continue in Pre-Algebra 7. Student performance will be monitored.</p>	<p>If the student is absent from class, they are responsible for anything missed. All notes, and assignments will be located on ASPEN. They are to hand copy any missing notes in their notebook before they return to class or upon returning to class. Check with the teacher to re-schedule any missed quizzes or tests. Please refer to the make-up policy stated above.</p>

### Pre-Algebra 7 Syllabus & Standards of Learning

The state requires all students in a Pre-Algebra course to take the Math 8 Standards of Learning Test. This test is given in the spring. This test is cumulative covering subject matter contained in the SOLs for Math 8. The course syllabus and a link to the Math 8 SOL's are located at the bottom of this page.

Qtr	Topic	SOL
1	Subsets of Real Numbers	8.1, 8.2, 8.3, 7.1, & 7.2
	Algebraic Expressions	8.14a, 8.14b, & 7.11
	Solving Equations	8.5, 8.17, & 7.12
2	Solving Equations (continued)	8.5, 8.17, & 7.12
	Solving Inequalities	8.18 & 7.13
	Proportional Reasoning	8.4 & 7.3
	Transformations	8.7 & 7.7
3	Pythagorean Theorem	8.9
	Two-dimensional Measurement	8.10 & 7.5
	Three-dimensional Measurement	8.6, 8.8, & 7.4
4	Functions and Linear Equations	8.12, 8.15, 8.16, & 7.10
	Boxplots	8.13
	Probability	8.11 & 7.8
Quadrilaterals & Extensions for Algebra I		After SOL

### Pre-Algebra 7 (Math 8) Standards of Learning

[http://www.doe.virginia.gov/testing/sol/standards\\_docs/mathematics/2016/index.shtml](http://www.doe.virginia.gov/testing/sol/standards_docs/mathematics/2016/index.shtml)