



# Chapin Intermediate School

<http://www.lexrich5.org/ChapinIS.cfm>



<b>Course:</b> Honors Pre-Algebra	<b>Instructor:</b> Rebecca Nesbit	<b>South Carolina Uniform Grading Scale</b> A= 90-100 B= 80-89 C= 70-79 D= 60-69 F= Below 60
<b>Email:</b> <a href="mailto:rnesbit@lexrich5.org">rnesbit@lexrich5.org</a>	<b>Telephone number:</b> 575-5768	
<b>Website:</b> <a href="https://www.lexrich5.org/Domain/1616">https://www.lexrich5.org/Domain/1616</a>		
<b>Time available for extra tutoring:</b> By appointment --- 7:00 - 7:20 am		
<b>Time available for conferencing or phone calls:</b> 10:25 a.m. – 11:30 a.m.		

**Course Description:** This course is only for grade six students that have successfully completed grade five AGP Math and are able to work at an accelerated pace and above grade level content. This course contains prerequisite content to prepare students for Algebra and demands a faster pace for instruction and learning. Content is focused on analyzing proportional relationships and using them to solve real-world and mathematical problems, applying and extending previous understandings of operations of fractions to add, subtract, multiply, and divide rational numbers, using properties of operations to generate equivalent expressions, solving real-life and mathematical problems using numerical and algebraic expressions and equations, working with radicals and integer exponents, understanding the connections between proportional relationships, lines, and linear equations, analyzing and solving linear equations and pairs of simultaneous linear equations, understanding congruence and similarity using physical models, transparencies, or geometry software and drawing inferences about populations based on samples. This course aligns with *South Carolina Academic Standards for Mathematics* and the *Mathematical Practice Standards*.

**Textbook:** Math Accelerated published by Glencoe

**Instructional Goals:** Pre-Algebra incorporates active learning and problem solving. The program uses real-life situations to help students experience math and bridge the relationships between today's learning and tomorrow's careers. The chosen curriculum supports our state and district standards for Pre-Algebra.

**Scope and Sequence:** The Pre-Algebra curriculum is divided into 12 units. The below is the tentative plan for covering each unit.

1st Nine Weeks	2nd Nine Weeks	3rd Nine Weeks	4th Nine Weeks
<b>Unit 1: The Language of Algebra (Chapter 1)</b>	<b>Unit 4: Ratio, Proportion, and Similar Figures (Chapter 5)</b>	<b>Unit 7: Algebraic Expressions (Chapter 7)</b>	<b>Unit 10: Volume and Surface Area (Chapter 12)</b>
<b>Unit 2: Operations with Integers (Chapter 2)</b>	<b>Unit 5: Percents (Chapter 6)</b>	<b>Unit 8: Equations and Inequalities (Chapter 8)</b>	<b>Unit 11: Statistics and Probability (Chapter 10)</b>
<b>Unit 3: Operations with Rational Numbers (Chapter 3)</b>	<b>Unit 6: Powers and Roots (Chapter 4)</b>	<b>Unit 9: Congruence, Similarity and Transformations (Chapter 11)</b>	<b>Unit 12: Linear Functions (Chapter 9)</b>

**Assessments/Grading:** Homework will be checked daily. All work and steps should be shown for homework to be considered complete. Students should write specific questions for unanswered assigned problems. Each student begins each grading period (Interim and Nine Weeks) with a 100 homework average. Each incomplete assignment results in a five-point deduction from this average. At the end of the grading period, the homework averages and classwork grades combined count 20% of the student's entire average. All homework and notes will be kept in a one and a half inch three ring binder. Assigned quizzes will be given periodically throughout each unit. Quiz grades will count 35% of the student's entire average. Two to three unit tests will be given each nine weeks. Test and project grades will count 45% of the student's entire average. Semester exams will count 10% of the semester grade. All tests and quizzes will be returned to the students in a timely manner for review in class. Students will keep their graded quizzes in their binder to use as a study tool for the unit test.

### Process for Posting Grades

- 5 school days for minor assignments
- 10 school days for major or extended assignments

\*Please note: Principals reserve the right to extend the number of days within the Process for Posting Grades due to circumstances that may arise. Parents will be notified in a timely manner of any changes that may occur.