

# Launch Pre-Algebra

## **Course Information:**

1 Credit

Asynchronous Canvas Course

Course Site: <https://akgrad.instructure.com/>

**Course Description:** This course is designed for students at a lower reading level or students who are At-Risk, or in danger of not graduating high school. Launch Pre-Algebra is designed to meet the needs of online students who have had difficulties with traditional classroom or other correspondence classes that do not meet a student's needs and need to earn a Math credit.

Topics covered include: Algebra and Whole Numbers; Using Decimals; Number Theory; Rational Numbers; Basic Operations; Ratios, Proportions, and Percents; Integers; Exponents, Square Roots, and the Pythagorean Theorem; Equations from Geometry; Graphing; Geometry; Data, Statistics, and Probability.

**Course Organization:** The course is divided into twelve chapters. Each chapter is broken down into lessons based on learning outcomes. For each lesson, you are required to read a section of the textbook, complete practice problems from the textbook, and then take an online quiz.

## **Materials Required:**

- Computer or tablet with Internet access
- AGS Pre-Algebra Book

**Academic Dishonesty:** With most correspondence courses as well as AKGrad & YKSD, honesty of parents and students is essential. If an AK Grad teacher confirms that a student has plagiarized work or used AI, the student will receive a 0 and be subject to consequences determined by their school of record.

**Grading:** Activities and quizzes are designed to be completed as many times as necessary to earn the grade that you would like to earn. If you are struggling on activities or quizzes, you should contact your online teacher for additional support.

- **Assignment Quizzes:** Quizzes are computer scored and you can see your incorrect answers immediately so you can retake if necessary. Quizzes consist of approximately 10 multiple choice questions. You have 2 tries to take each quiz and additional attempts can be given upon request.

- **Tests:** You are not allowed to use notes, study materials, or books on the tests. The tests are meant to reflect how much you have learned while completing the lessons and activities. Tests consist of approximately 35 multiple choice questions.
- **Application Activities:** Each chapter includes an Application Activity. These activities will let you extend and apply what you have learned in the unit.

The following grading scale will be used for determining your final grade. After completing the course with a "D-" or better you will receive one Carnegie credit from the Yukon Koyukuk School District.

Percent	Grade
97% - 100%	A+
93% - 96%	A
90% - 92%	A-
87% - 89%	B+
83% - 86%	B
80% - 82%	B-
77% - 79%	C+
73% - 76%	C
70% - 72%	C-
67% - 69%	D+
63% - 66%	D
60% - 62%	D-
< 60%	F

**Course Schedule:** Though you are in charge of your own schedule, we will encourage you to create a schedule for completing the course. As your teacher we will support you in meeting your goals. A pacing guide is provided in the course. The following is a list of chapters that need to be completed.

<u>1st Quarter</u>	<u>2nd Quarter</u>
<ul style="list-style-type: none"> <li>● Ch 1 Algebra &amp; Whole Numbers</li> <li>● Ch 2 Using Decimals</li> <li>● Ch 3 Number Theory</li> </ul>	<ul style="list-style-type: none"> <li>● Ch 4 Rational Numbers and Fractions</li> <li>● Ch 5 Basic Operations &amp; Rational Expressions</li> <li>● Ch 6 Ratios, Proportions, and Percents</li> </ul>

<u>3rd Quarter</u>	<u>4th Quarter</u>
<ul style="list-style-type: none"> <li>● Ch 7 Integers</li> <li>● Ch 8 Exponents, Square Roots</li> <li>● Ch 9 Equations and Geometry</li> </ul>	<ul style="list-style-type: none"> <li>● Ch 10 Graphing</li> <li>● Ch 11 Geometry</li> <li>● Ch 12 Data, Statistics, Probability</li> </ul>

### **Subject to Change**

This syllabus and schedule are subject to change in the event of extenuating circumstances. Your instructor will notify you of changes via Canvas announcements.