

COURSE DESCRIPTIONS

Grade 5

English 5 (36 Lessons)

This course provides a solid foundation in spelling, vocabulary, grammar, literature and composition. At the same time, it introduces strategies for improving comprehension and organizational study skills and focuses on the classics of literature.

Math 5 (36 Lessons)

Students will review the various mathematical operations and properties; write and solve algebraic equations, expressions and patterns; work with fractions, decimals, ratios and percentages; study geometry and measurements; learn to use integers and number lines; graph data; answer probability questions; and put their math skills to practical use by constructing and solving a wide variety of word problems.

Math 5 - mastery-based (36 Lessons) – enrollment based on recommendation from elementary teachers/principal

Math 5 mastery-based uses artificial intelligence to build individualized courses for each student based upon his/her current knowledge level. The system “knows,” with respect to each individual topic, whether each individual student has mastered that topic. If not, the student is offered a selection of only the topics he/she is ready to learn at the current time. This builds student confidence and learning momentum. Course topics include: whole numbers; fractions and proportions; decimals and percents; measurement, graphs, and probability; algebra; and geometry.

Science 5 (36 Lessons)

5th Grade Science introduces a wide array of topics from cell structures to planets. Students learn about many of life’s wonders and will also get the chance to learn about some influential scientists of today. Weekly assignments may include reading from the textbook, answering questions, or conducting an experiment.

Social Studies 5 (36 Lessons)

This course focuses on the transition from a British colony to an independent nation based on the Declaration of Independence and the U.S. Constitution. The course also covers the Civil War and Industrialization. The course concludes with chapters on immigration and the United States today.