7th Grade: World History
Through collaborative inquiry, research experiences, and literacy strategies, this course examines civilizations from the ancient Sumer and Egypt to the rise of the nation states in the fifteenth century and the Age of Discovery including the study of the following:
- Physical and political geography
- Cultural and historic background
- Social, political, economic, and religious systems
- Relationship of ancient cultures to present day

8th Grade: American History 8
Students become familiar with primary and secondary sources as they study from the country’s early beginnings through post-Civil War Reconstruction Era. Analytical writing, essays, research, reading and vocabulary assignments are all part of the course covering the following:
- Physical and political geography of North America
- Political, economic, social, and cultural development from the Confederation Period through the late 19th century
Based on their readiness, students will be placed in one of the courses listed in each grade.

**7th Grade**
- **Algebra 1A**: rules of algebra, integers, equations, inequalities, graphing, formulas, functions, and systems of equations
- **Pre-Algebra A**: percent, measurements, ratios, proportions, data analysis, integers, geometry, statistics, formulas, and equations
- **Foundation of Mathematics 7**: categories of the number system, ratios and proportional relationships, expressions and equations, geometry, and statistics and probability

**8th Grade**
- **Algebra 1B**: study of probability, graphing, linear functions, quadratic functions, systems of equations, complex numbers, polynomials, polynomial functions, and rational expressions.
- **Algebra 1A**: rules of algebra, integers, equations, inequalities, graphing, formulas, functions, and systems of equations
- **Pre-Algebra B**: linear functions, system of equations and inequalities, Pythagorean theorem, volume, rules of exponents, probability
- **Foundations of Mathematics 8**: number system, equations and inequalities, functions, geometry, and statistics and probability to prepare students for Algebra 1A

**Interventions**
Topics in Math 7 and 8 are 45-day courses available for students to provide targeted math instruction to improve proficiency. Students recommended for these courses can choose these when they select their exploratory classes.