



6th Grade Course Descriptions

2025 – 2026

Sixth grade students are assigned to a team of teachers for their core classes of English, math, reading, science, and world cultures. Students are required to take the following elective classes: art, computer, health, industrial technology, passports (world languages), and physical education. In addition, students will choose band, choir, or orchestra.

No school sports are available for 6th grade.

ENGLISH Thinking, listening, speaking, and writing are covered in 6th grade English. Emphasis will be on the Traits of Writing, the writing process, spelling, grammar, punctuation, and usage skills.

ACCEL MATH The Accelerated Math course will cover all sixth grade concepts as well as the following seventh grade concepts: developing understanding of and applying proportional relationships and developing understanding of operations with rational numbers while working with expressions and linear equations.

MATH Grade 6 mathematics is about connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; writing, interpreting, and using expressions and equations; and developing understanding of statistical thinking.

READING This class promotes reading skills through the use of a variety of genre. Emphasis is given to story elements, vocabulary development, phonics skills, and comprehension strategies.

SCIENCE Amplify Science is the curriculum we use for 6th grade science. The curriculum uses a digital platform that focuses on exploration and discovery. Students will be immersed into a real-world problem where they work to discover the solution. Topics covered include: Microbiomes, Metabolism, Traits and Reproduction, Thermal Energy, Ocean/Atmosphere/Climate, Weather Patterns, and Earth's Changing Climate.

WORLD CULTURES Students examine the development of African, European, and Middle Eastern cultures. The approach is a chronological study of the lives, times, and influences of these three regions. Map skills and current events study is included.

ART Sixth grade students will draw upon their base knowledge of art from elementary school in order to establish a broader foundation on which they can continue to build their abilities to explore the best options to create and express their ideas. A critical part of this process is for the art student to consider their own style, and expressive responses as they evaluate their own personal aesthetic choices.

BAND

Sixth grade band is open to all students starting in 6th Grade! In band you get to choose from the instruments below and spend the year learning the basics of how to perform on that instrument. We have **3 concerts throughout the year** and play many different types of music! If you want a head start, we offer a beginning band camp every summer. **Instrument Options: Flute, Oboe, Clarinet, Saxophone, Trumpet, French Horn, Trombone, Baritone, and Tuba.**

CHOIR

In 6th grade choir, students build on their music experience by improving vocal techniques, singing in harmony, and reading music. The class focuses on group singing, teamwork, and music concepts like reading a score, understanding composer markings, and navigating the voice change. Students rehearse songs and prepare for performances, gaining confidence while working together as an ensemble.

COMPUTER: Keyboarding Applications & Career Exploration

Students will be introduced to and refine touch method keyboarding skills. Basic word processing, spreadsheet, and presentation skills will be introduced or reviewed. Students will acquire an awareness of the various choices in occupations and determine their interests in their future. Students will match their interests to the education, training and skills required in the occupations they explore.

FCS / HEALTH

Students are introduced to the field of Family and Consumer Sciences and Health Education. Discussions focus on the Health Triangle 1) Mental Health (decision-making), 2) Social Health (getting along with others, cooperative-learning situations), 3) Physical Health (puberty, personal hygiene, eating disorders, and nutrients and healthy eating).

INDUSTRIAL TECHNOLOGY

This hands-on introduction to technology class provides students with the opportunity to discover how it is used and how it impacts students' lives. Students complete activities based on the areas of communication, transportation, construction and manufacturing. Special emphasis is given to developing problem solving skills, through linear measurement and the study of systems and sub-systems.

ORCHESTRA

Fifth grade orchestra students wanting to continue playing a stringed instrument should sign up for sixth grade orchestra! In sixth grade, students will apply the musical concepts from fifth grade into more challenging and fun music. Students who did not participate in fifth grade orchestra can still join, but are encouraged to sign up for the "Intro to Strings" class over the summer! **Instrument Options: Violin - Viola - Cello - Bass**

SPANISH

This beginning course introduces students to the foundation of the Spanish language. Students will learn basic phonetic sounds to help with pronunciation. Simple phrases and expressions are taught along with themed vocabulary units. This exploratory class will allow students to engage in simple conversations and to participate in hands-on activities that are fun and educational. Students will also learn about Hispanic culture and the countries that speak Spanish.

PHYSICAL EDUCATION Padlocks are furnished. A \$5.00 fee will be charged if the lock is not returned at the end of the school year.

Physical education is a required class, which meets every other day. The class exposes students to a wide variety of activities, which helps to provide the appropriate amount of vigorous physical activity that is vital for the maintenance of good health and fitness. Physical fitness testing, team sports, recreational games, rhythms, aerobics, cardiovascular training, strength enhancement, and other activities emphasize teamwork, social development, and a positive self-image. In order to participate safely, students are required to dress in appropriate P.E. attire (e.g. T-shirt, shorts, and athletic shoes).