

Mayfield Middle School

What to Expect in 6th GRADE



Purpose of the Grade Level Guide

- Provide parents a general overview of the content taught at each grade level
- Provide information regarding the district instructional materials used to teach the content
- Provide key communication tools that provide information on student progress
- Provide information regarding district testing
- List resources that can be used to gain additional information

Language Arts

The 6th grade Language Arts course covers the Ohio Learning Standards in English Language Arts for 6th grade. The English Language Arts Standards include reading standards for literature and informational text, writing standards, speaking and listening standards, and language standards. Reading topics covered include analyzing key ideas and details, analyzing the craft and structure, and integrating knowledge and ideas from multiple sources. Writing types covered include argumentative, informative/explanatory, and narrative writing. Speaking and Listening standards include demonstrating comprehension through collaborative discussions. Language topics include conventions of standard English and grade-appropriate vocabulary. Students will read across multiple genres through various thematic units. Expectations for text complexity and level of analysis increase from previous grade levels. Levels of 6th grade Language Arts classes include at level, intervention, and self-contained classroom (SCC).

Materials/Programs: *IXL* - online learning platform *Just Words* - intervention program

Mathematics

6 Math - 6th grade Mathematics covers the Ohio Learning Standards for 6th grade. Students will continue exploring and building their knowledge in the following areas: surface area and volume, fraction and decimal operations, statistics, and simplifying expressions. Students will also be introduced to the following topics: Integer operations, understanding the coordinate plane, percentages, and writing, solving and representing one-variable equations and inequalities. Incorporated into each of the content standards are the 8 standards of Mathematical Practice. A scientific calculator is required. Levels of 6th grade mathematics include at level, intervention, and self-contained classroom (SCC).

6 Accelerated Math - 6th Grade Accelerated Mathematics covers the Ohio Learning Standards in Mathematics for 7th grade. Topics covered include operations with rational numbers, simplifying algebraic expressions, solving linear equations and inequalities, ratios and unit rates, percentages, proportional relationships, basic probability, statistical sampling and problem solving, and perimeter, area, surface area, and volume of basic geometric shapes. Incorporated into each of the content standards are the 8 standards of Mathematical Practice. A scientific calculator is required.

6 Double Accelerated Math - 6th grade Double Accelerated Mathematics covers the Ohio Learning Standards in Mathematics for 8th grade. Topics covered in the course include understanding linear functions, solving one variable equations, understanding linear systems, transforming shapes, using scientific notation, applying the Pythagorean Theorem, understanding angle relationships with a transversal, finding volume of circular shapes, and interpreting statistics. This accelerated course moves at a faster pace, allowing for enrichment and extensions on various several topics. Incorporated into each of the content standards are the 8 standards of Mathematical Practice. A scientific calculator is required.

Materials/Programs: *Big Ideas* - math textbook *IXL, Delta Math, Desmos* - online learning platforms

Science

The 6th grade Science course covers the Ohio Learning Standards in Science for 6th grade. Topics covered include science inquiry, rocks and minerals, matter, and cells. Engineering challenges are also incorporated providing opportunities for students to showcase creativity and problem solving. Levels of 6th grade science include at level and self-contained classroom (SCC).

Materials/Programs: *Gizmos* - online learning platform

Social Studies

The 6th grade Social Studies course covers the Ohio Learning Standards in Social Studies for 6th grade. Class content includes a variety of topics starting with ancient civilizations such as Egypt and Mesopotamia. Students will also learn about various types of government, economic systems and how humans have an impact on the environment. Levels of 6th grade social studies include at level and self-contained classroom (SCC).

Electives

In 6th grade, all students take one semester of the STEAM circuit and one semester of Skills for Adolescence circuit. Students also take Physical Education/Health and Wellness and music. Music is a student's choice of instrumental music or choir. P.E./Health and music are on an every other day (Green day/White day) basis. Based on academic need and data, students may take a Learning Lab or English as a Second Language (ESL) Immersion instead of either P.E./Health or music.

6 STEAM Circuit - The 6th grade STEAM circuit is an integration of art, digital communication, engineering and design. Each of these three areas has a dedicated teacher. In the art portion, students explore a variety of materials while implementing Elements and Principles of art. In the digital media portion, students use technology to create audio/visual projects specific to student interest with audience and purpose in mind. In the engineering and design portion, students explore a variety of designs encompassing the three main aspects of STEM: CODE, CAD, and BUILD. Throughout the semester, students will also work through a variety of integrated projects designed to bring together all the elements of STEAM.

6 Skills for Adolescence Circuit - The 6th grade Skills for Adolescence circuit is an integration of the social/emotional learning topics of communication and expression, self-awareness, and social awareness. Each topic has a dedicated teacher. In the communication and expression portion, students focus on Active Listening, communication skills, executive function skills, and expression skills. In the self-awareness portion, students focus on self-discovery, knowing and understanding yourself, appreciating diversity and differences in others, encouraging kindness, and managing emotions. In the social awareness portion, students focus on self-esteem, social media, conflict vs. bullying, and communication and expression. Throughout the semester, students will also work on an integrated project that brings all three portions of the course together. This course was originally designed based on student input as to important topics to them and is adjusted based on ongoing student input.

6 PE/Health - 6th grade PE offers a wide variety of units that will include Football, Softball, Track, Volleyball, Basketball, Paddleball, Fitness, Soccer, Tchoukball, and elementary games. Gaining an understanding and appreciation for movement and staying active will be the main goal of this course. 6th grade health provides a basic introductory cooking experience for students with the primary goal of helping students build confidence in the kitchen. Cooking introduction includes preparation of breakfast items, fresh vegetables and fruits, and a variety of other seasonal dishes. In addition, students focus on safety practices in the kitchen and learn about the importance of strict sanitation practices while preparing food.

6th grade Music (Chorus or Instrumental Music) - In 6th Grade Chorus, students focus on singing many different styles of music, in unison and two-part harmonies, with healthy vocal technique. Beginner-level music theory is also covered. In 6th grade instrumental music, students will learn to play an instrument for the first time. All students that chose instrumental music in 6th grade will be tested prior to entering the Middle School and will receive a recommendation regarding the instrument that best suits them. Students will develop skills from The Essential Elements Band series with the goal of progressing in the instrumental band program.

Communication with Parents

The Learning Platform used at Mayfield Middle School is Schoology. Schoology is an online classroom where students interact with content, share and collaborate. Parents can use the platform to see student assignments and the learning that is happening in the classroom. Teachers also post in progress grades in Schoology.

Infinite Campus is the student information system that is used across the district. Finalized grades (report cards) will be posted in Infinite Campus. The annual OLR, school store, and absence requests are also entered through Infinite Campus

District and State Testing

Three times a year students will take the STAR Reading and STAR Math computer-adaptive assessments. STAR Reading and STAR Math provides insights regarding students' overall literacy/math achievement and growth. Throughout the year students will also keep current on the IXL Real Time Diagnostic assessment, working approximately 10-15 minutes per week in the IXL Diagnostic Arena. The IXL Real Time Diagnostic assessment provides information on the specific skills students have mastered or need growth. IXL also provides a personalized action plan for students based on the Real Time Diagnostic.

Students will take the [Ohio State Tests](#) in English Language Arts, Math, and Science. Information on district testing can be found [here](#).

Resources

For additional information regarding our curriculum and programs, please refer to the following resources:

[Mayfield Middle School Course Catalog](#)

[Mayfield Middle School Handbook](#)

Mayfield City Schools Website: <https://www.mayfieldschools.org/>

Ohio Department of Education Website: <http://www.ode.state.oh.us/>