

# Middle School - 7th Grade

## Curriculum

### English

The English curriculum in seventh grade focuses on literature, writing, grammar, and vocabulary. The course emphasizes a unified study of literature by presenting a variety of literary genres, and authors. Students will actively identify with, imaginatively respond to, and think critically about past and present issues, ideas, and conflicts. Vocabulary study is presented to develop verbal skills and demonstrate integration with an increased understanding of sentence structure and word usage through essay formatting. Through the writing process, students develop meaningful and concise sentences, paragraphs, essays, and documents.

### Writing & Grammar (One Semester)

During the middle grades, Lakeview aims to provide students with intentional support in their development as strong and confident writers. The Writing and Grammar course allows students to practice and develop their writing skills in a safe space where they can learn and grow from their mistakes.

Writing and Grammar does not replace any content from the student's English course but rather supplements and enhances all areas of the writing process.

### Math - Pre-Algebra

In Pre-Algebra, the objective is for students to reach mastery in integer operations, ratios, percents, and algebraic relationships. They will learn to draw inferences about lengths, areas, and volumes of similar two-dimensional and three-dimensional figures. Students will discover formulas through their own reasoning and be able to apply that knowledge to real life scenarios. Students will continue to build their mathematical knowledge with expressions containing parentheses, like terms, and exponents; ultimately reaching mastery in multi-step equations.

### Math - Accelerated Pre-Algebra

In Accelerated Pre-Algebra, the objective is for students to reach mastery in integer operations, ratios, percents, and algebraic relationships. They will draw inferences about lengths, areas, and volumes of similar two-dimensional and three-dimensional figures. Students will use their previous mathematical understanding to reveal equations and apply them to real life scenarios. Students

will continue to deepen their knowledge base through expressions containing parentheses, like terms, and exponents; ultimately reaching mastery in multi-step equations.

Students in Accelerated Pre-Algebra can expect a more demanding pace and a higher-level of independent practice outside of class. The concepts in the accelerated program are similar to traditional Pre-Algebra. However, students can expect assignments and assessments to contain more rigorous content.

Recommendations for Accelerated Pre-Algebra are based on either a student maintaining at least a B average in Accelerated 6th-Grade Math, or a student maintaining an A average in 6th-Grade Math and scoring in at least the 88th percentile on one of the math ERB sections.

### Science

The 7th grade science curriculum focuses on life science and teaches students how to make scientific inquiry, predict outcomes, and analyze data while developing introductory knowledge in the subject. Basic laboratory and microscope skills will be incorporated throughout the year. Hands-on activities will be conducted while studying the units of cells and heredity, classification of living things, viruses, bacteria, and human body systems.

### Social Studies - Geography

The curriculum for social studies in 7th grade is the study of world geography. Students will study maps, learn about cultures, and the history of countries around the world. Students will create their own notebook as the year evolves and will add to it on a daily basis. Activities will include a combination of class work, group projects, quizzes, homework, tests, and projects that address all learning styles.

### Foreign Language - Seventh Grade Spanish (One Semester)

The study of Spanish in 7th grade develops communication skills in listening, speaking, writing, reading, and non-verbal communication. It also develops cultural awareness by developing an understanding and appreciation of Spanish-speaking people, their cultures, and civilizations. Students learn through a variety of methods including (but not limited to) listening activities,

projects, cooperative group learning, lecture, technology, oral presentations, and individual discover. This course builds on learning from the previous year.

## Foreign Language - Spanish I\* (Two semesters)

Spanish I, is an accelerated 7th grade class that focuses on the development of communication skills in listening, speaking, writing, reading, and non-verbal communication. It also develops cultural awareness by developing an understanding and appreciation of Spanish-speaking people, their cultures, and civilizations. Students learn through a variety of methods including (but not limited to) listening activities, projects, cooperative group learning, lecture, technology, oral presentations, and individual discovery. This course builds on learning from the previous year.

Recommendations for 7th Grade Spanish I are based on either a student maintaining a B average in Accelerated 6th Grade Spanish, or teacher recommendation and scoring in the 88th percentile on either the Vocabulary or Reading Comprehension sections of the ERB.

\*Middle school courses do not count for upper school credit.

## Physical Education

During 7th grade physical education, students will participate in activities such as individual skill development, team sports, and fitness training. This development is encouraged in a positive atmosphere emphasizing sportsmanship, team cooperation, and sports psychology. The program is designed for participation at all levels of athletic ability by placing emphasis on total participation rather than on the development of the gifted athlete. Focus is placed on living a healthy and active lifestyle while improving cardiovascular and muscular endurance. Fitness assessments are conducted twice yearly with resulting discussion on the components and strategies for improvement.

## Technology - Interactive Animation & Games (Nine Weeks)

The 7th Grade technology course, Interactive Animation and Games, builds on students' coding experiences as they program animations, interactive art, and games. The course begins with simple shapes and builds up to more sophisticated sprite-based games into developing a personalized, interactive program. Through the development of an interactive game or app, the course's final project allows students to pursue their interests and focus their assignment on either programming or design.

## Fine Arts – Art (Nine Weeks)

Seventh grade art is a survey of art fundamentals designed as a general introductory studio course to familiarize students with the major studio areas and art concepts including an emphasis on the basic elements and principles of composition and design. This study will include drawing and painting, ceramics, printmaking, graphic arts, and art history. The art elements and principles of design reinforce the processes of "learning to see." Students are encouraged to find the creative potential of several media as it applies to the individual problem solving process.

## Fine Arts – Drama (Nine Weeks)

Designed as an enrichment course for 7th grade students, this course is a survey of the many aspects of theatre. Students will have an introduction to theatre as an art form, as well as opportunities to foster and develop production and performance skills.

## Fine Arts - Music (Nine Weeks)

The study of music in this 6th grade enrichment course is designed to build the skills that are associated with the elements of music, including the appreciation, performance, and creation of music. Content includes instrument families, reading and writing music, vocal and instrumental performance, musical styles and genres, music vocabulary and symbols, the historical eras in music, as well as how to critique a performance.