



FIFTH GRADE

Your fifth grader will learn the following knowledge and skills. These academic benchmarks will be used to track your child's learning progress and determine his/her grades.

Over the course of this school year, teachers will be using these benchmarks to prepare lessons, projects, and assessments to guide your child's learning and help him/her achieve grade level expectations for our district.

If you have questions about the curriculum, feel free to contact:

Your child's teacher;

Jason Lau or Scott Marsden, Building Administrators at Westwood (920-337-1087);

Kathleen Held or Mike Kowalczyk, Building Administrators at Hemlock Creek (920-425-1900);

Amy LaPierre, Director of Curriculum (920-337-1393)



LANGUAGE ARTS

Reading Literature

- Quote accurately from a text when explaining the text or making an inference
- Determine theme; summarize text
- Compare and contrast two or more characters, settings, or events
- Determine the meaning of words and phrases as they are used in a text, including figurative language
- Explain how a series of chapters, scenes or stanzas fit together to provide the overall structure
- Describe how narrator's/speaker's point of view influences how events are described
- Analyze how visual and multimedia elements contribute to a text
- Compare and contrast stories in the same genre on their approach to similar themes and topics

Reading Informational Text

- Quote accurately from a text when explaining the text or making an inference
- Determine two or more main ideas of a text; summarize the text
- Explain relationships between two or more individuals, events, ideas or concepts
- Determine meaning of academic and domain-specific words or phrases in a text
- Compare/contrast overall structure of events, ideas, concepts, or information from two or more texts
- Analyze multiple accounts of the same event or topic
- Draw on information from multiple print and digital sources
- Explain how an author uses reasons and evidence to support points
- Integrate information from several texts on the same topic to write or speak about the topic

Reading Foundational Skills

- Use letter-sound correspondence, syllabification patterns, roots, and affixes to accurately read unfamiliar multisyllabic words in and out of context

- Read with sufficient accuracy and fluency to support comprehension

Writing

- Write opinion pieces
- Write informative texts
- Write narrative pieces
- Develop and strengthen writing by using the writing process
- Use technology to produce and publish writing and to interact and collaborate with others

Research and Inquiry

- Conduct short research projects that use several sources
- Recall information from experiences or gather information from print and digital sources; take notes by summarizing and paraphrasing; provide a list of sources
- Draw evidence from literary or information texts

Speaking and Listening

- Engage in one-on-one, group, and teacher-led discussions
- Summarize a text read aloud or information presented in diverse formats
- Summarize the points a speaker made and explain how each claim was supported
- Report on a topic or text or present an opinion, speaking clearly at an understandable pace
- Include multimedia components and visual displays in presentations to enhance the main idea or theme
- Adapt speech to a variety of contexts and tasks, using formal English when appropriate

Language (Writing/Speaking)

- Explain function of conjunctions, prepositions and interjections
- Use verb tenses to convey time, sequence, condition
- Recognize and correct shifts in verb tense
- Use correlative conjunctions (either/or; neither/nor)
- Use commas to separate introduction of a sentence, to set off yes and no, and to indicate direct address
- Use underlining, quotes and italics to indicate titles
- Spell grade appropriate words correctly, consulting references as needed



MATHEMATICS

Operations and Algebraic Thinking

- Write and interpret numerical expressions
- Analyze patterns and relationships

Number and Operations in Base Ten

- Understand the place value system
- Perform operations with multi-digit whole numbers and with decimals to the hundredths

Numbers and Operations in Fractions

- Use equivalent fractions as a strategy to add and subtract fractions
- Apply and extend previous understandings of multiplication and division

Measurement and Data

- Convert like measurement units within a given measurement system
- Represent and interpret data
- Geometric measurement: understand concepts of volume

Geometry

- Graph points on the coordinate plane to solve real-world and mathematical problems
- Classify two-dimensional figures into categories based on their properties



SCIENCE

Structures and Properties of Matter

- Describe that matter is made of particles too small to be seen
- Using a graph, show that the total weight of matter is the same even when changed by heating, cooling, or mixing
- Identify materials based on their properties
- Investigate whether mixing two or more substances will create a new substance or not

Matter and Energy in Organisms and Ecosystems

- Show that energy from an animals' food was once energy from the sun
- Show that plants get the materials they need for growth from air and water
- Show the movement of matter among plants, animals, decomposers, and the environment

Earth's Systems

- Show how the geosphere, biosphere, hydrosphere, and/or atmosphere interact
- Using data from reservoirs, show the distribution of water on Earth
- Know how communities use science to protect Earth's resources and environment

Space Systems

- Explain that gravity is a force exerted by Earth that pulls objects down
- Explain that the appeared brightness of sun compared to other stars is because of their distance from Earth
- Use a graph to show patterns of a shadow throughout the day, changes in day and night, and how the sky looks based on the season

Engineering Design

- Design a solution to a problem that includes: 1) specific criteria to be effective and 2) constraints on materials, time, or cost
- Create and compare solutions based on criteria and constraints listed above
- Conduct tests to find ways that a model can be improved



SOCIAL STUDIES

Geography- Map Skills

- Know the location of the regions, 50 states, countries, major bodies of water and mountain ranges
- Create mental maps and draw maps from memory
- Use cardinal and intermediate directions, map grids, scale, latitude and longitude

Geography- Natural Resources

- Use a variety of maps, globes, and pictures to gather and compare information
- Gather information from a variety of sources
- Know the natural resource bases of the world (specifically in the United States)
- Know how current global issues are related to the interaction among people, places, and environments

Political Science

- Understand the system of checks and balances of the three branches of the U. S. governments (executive, legislative, judicial)
- Understand and explain democracy's basic principles, the Bill of Rights, and the Constitution

Behavioral Science

- Know that many factors influence learning
- Know factors that influence individual identity and development
- Know how needs of individuals/society are met
- Know how media influences decision-making
- Know that differences in cultures may lead to understanding or misunderstanding among people

History

- Know how the past can be interpreted using a variety of sources
- Know cause, effect, and relationships between significant events in U.S. history (colonization, Revolutionary War, Civil War)
- Know how and why historical events may be interpreted differently depending on perspective