



A PARENT'S GUIDE TO FIFTH GRADE

*Curriculum Department
Lee's Summit R-7 School District*



Fifth Graders will...

Literacy

- Develop vocabulary and determine the meaning of words and phrases in texts
- Read grade level text with accuracy and fluency to support comprehension
- Use comprehension strategies to understand a variety grade level texts
 - Ask and answer questions
 - Determine important ideas
 - Analyze text structure
 - Make inferences
 - Synthesize information
- Use the writing process to develop and strengthen writing
- Write narratives based on real or imagined events using descriptive details, clear event sequence, transition words, and a clear ending
- Write informational texts about a topic that includes facts and details to convey ideas, linking words, and a concluding statement or section.
- Write opinion pieces supporting a point of view with supporting reasons and evidence and providing a conclusion.
- Apply conventions of standard English grammar and usage in writing
- Speak and listen effectively in multiple contexts

Ways to Help at Home

- *Encourage your child to read daily (30+minutes).*
- *Read to and with your child, listen to audio books.*
- *Visit the library and check out books regularly.*
- *Share family stories and memories.*
- *Encourage your child to retell stories and facts they've read.*
- *Ask questions when reading with your child to support their understanding.*
- *Encourage all forms of reading: graphic novels, comics, picture books, mysteries, articles, biographies, any kind of nonfiction.*
- *Play word games.*
- *Write stories, letters, thank you notes, lists, recipes.*
- *Write letters to a pen pal who lives far away.*
- *Keep a journal. (Could be a daily journal or gratitude journal, fitness journal, food journal)*
- *Model reading and writing behavior you want to see from your child.*
- *Enjoy conversation with your child, talk to them about school, books, friends, interests, sports.*

Mathematics

- Fluently multiply multi-digit numbers
- Divide 4-digit numbers by 2-digit numbers
- Use exponents to express powers of 10
- Understand decimal place value to the thousandths place
- Convert decimals to fractions and fractions to decimals
- Add, subtract, multiply and divide decimals
- Use equivalent fractions to add and subtract any fractions
- Multiply fractions by whole numbers and other fractions
- Divide fractions and whole numbers
- Find the volume of rectangular prisms
- Convert measurements
- Solve multi-step word problems involving variables
- Generate number patterns from rules
- Translate number patterns into ordered pairs and plot the ordered pairs on a coordinate grid
- Create a line plot to represent data

Ways to Help at Home

- *Play math games:*
 - *Using a deck of cards, deal 2 cards and ask your child to multiply the numbers as fast as they can.*
- *Use everyday objects to allow your child to explore the concept of fractions:*
 - *Divide a granola bar equally between 3 people. How much does each person get?*
 - *Divide 2 granola bars equally between 3 people. How much does each person get?*
- *Ask your child to give you a fraction equal to a decimal:*
 - *What are two fractions that are equivalent to 0.6? (6/10, 60/100, 12/20, 3/5, etc.)*
- *Have your child help with cooking when fractional measurements are used:*
 - *How much is 1/2 of a fourth of a cup of flour?*
 - *How much is 3/4 cup of flour measured 3 times?*

Fifth Graders will...

Science

- Compare and contrast the major organs/organ systems in different animals
- Show that plants get the materials they need for growth chiefly from air, sun and water
- Describe the movement of energy among plants, animals, decomposers, and the environment
- Describe that matter is made of particles too small to be seen
- Understand the total weight of matter is conserved when changed by heating, cooling, or mixing substances
- Separate a mixture/solution by physical properties
- Determine whether the combining of two or more substances results in new substances
- Show how the geosphere, biosphere, hydrosphere, and/or atmosphere interact
- Describe the distribution of water on Earth
- Show ways individual communities use science ideas to protect the Earth's resources and environment.
- Describe how the relative distances from Earth affect the apparent brightness of stars
- Understand different seasons have different daylight angles and times
- Investigate the daily changes of shadows, day and night, and the seasonal appearance of the stars
- Understand that the gravitational force exerted by Earth on objects is directed toward the planet's center
- Describe the basic function of the immune system
- Distinguish between a communicable and non-communicable disease

Ways to Help at Home

- *Have a conversation about the meaning of "You are what you eat".*
- *Look around the outside of your home and discuss how water travels away from your house.*
- *Take a walk outside and look for mushrooms*
- *Discuss the importance of recycling and conserving water.*
- *Read an age appropriate book about the sun or the stars.*
- *Talk about washing hands and staying safe during flu season.*

Social Studies

- Engage in the study of events, documents, movements, and people emphasizing the time period between 1800 and 2000 in America with a focus on inquiry into the continuing development of the United States as a nation
- Generate and research compelling questions such as:
 - What were the costs and benefits of territorial expansion?
 - How did wars change the United States?
 - How have economic, political, and social rights of individuals and groups changed over time in the United States?
 - How did the United States' role in the world change between 1800-2000?
 - How have economic factors influenced change in the United States?

Ways to Help at Home

- *Talk to your child about important historical events and celebrations that are a part of American History.*
- *Look for opportunities to highlight the diverse groups of people who have been a part of forming our country.*
- *Discuss with your child why there has been conflict in American History and how those conflicts may or may not have been resolved.*
- *Talk about why people move and what may have caused them to do so.*
- *Discuss how and why we have laws and how these laws protect our freedoms and how these have changed over time.*
- *Encourage your child to ask questions and find answers to their questions.*

Helping Your Child Learn

- Provide a quiet place for your child to study.
- Show interest in your child's school activities.
- Make school a first priority for your child.
- Read with your child.
- Children learn from example. Let your child see you reading and figuring out real life problems.
- Help your child with assignments.
- Encourage your child to engage in challenging tasks and persevere in completing them.
- Talk with your child. Ask your child what they like and dislike about school. Find out if your child is excited or disappointed about their day.
- Talk with your child's teacher about your child's academic and social/emotional progress.
- Limit the amount of time your child spends on video games, the internet, and television.

