

GRADE 4



## A PARENT'S GUIDE TO Fourth Grade

# Child Development

## WE KNOW...

*“Stages of growth and development follow a reasonably predictable pattern. Children and adolescents do not proceed through each stage at the same pace. Children and adolescents progress through the various aspects of development at their own rate. Growth is uneven.”*

Source: Yardsticks: Child and Adolescent Development Ages 4-14, by Chip Wood



## Growth Patterns of Fourth Graders

- Friendly, generally happy; quick to anger and quick to forgive
- Work well in groups; enjoys clubs, activities, and team sports
- Expressive and talkative; like to explain things
- Increasingly able to think abstractly; enjoy rules and logic; good at solving problems
- Take pride in school work
- Need a great deal of physical activity; extra recess and play time are a must, or their energy may spill over into acting out in the classroom
- Enjoy being noticed and rewarded for their efforts

# Fourth-Grade Experience

## Fourth graders will . . .

### ART

- Study early art beginning with cave art and continue through art of the middle ages
- Experience an art history year
- Discuss and examine how art evolves and changes over time
- Follow multi-step directions independently

### MUSIC

- Improvise and compose simple rhythmic and melodic phrases
- Read, write, and perform using previously learned rhythmic units as well as dotted half notes and sixteenth notes
- Read, write, and perform extended pentatonic melodies
- Sing, move to, listen to, and discuss music of various styles, by various composers, and from various cultures with accurate pitch and rhythm
- Play a variety of classroom instruments, alone and with others, and demonstrate proper technique
- Demonstrate more complex vocal harmony (i.e. descants, partner songs)
- Explain personal preferences for musical selections using age-appropriate music vocabulary

### INNOVATION

- Design and run a computer program using a variety of resources
- Learn various video, graphic, and design tools
- Engage in STEAM (**S**cience, **T**echnology, **E**ngineering, **A**rt, and **M**ath) activities to enhance problem solving skills
- Demonstrate what it means to be a good digital citizen
- Explore different genres of literature
- Learn how to protect their private and personal information online

### PHYSICAL EDUCATION

- Find fun and excitement in physical activity
- Develop knowledge, motor and social skills, and confidence needed to live a healthy, active lifestyle
- Work to combine locomotor and non-locomotor skills into movement patterns
- Develop ability to throw, catch, strike, kick and dribble in game play
- Improve ability to move at different speeds, in space and in distance
- Understand importance of physical activity in all environments (classroom, home, and community)
- Begin making healthy food and beverage choices
- Practice exhibiting personal and social behavior that shows respect for themselves and others

# End-of-Year Expectations

Fourth grade students will know how to . . .

	READING	WRITING
LITERACY	<ul style="list-style-type: none"> <li>• Identify and understand the meaning of different parts of words, including root words, prefixes and suffixes</li> <li>• Analyze characters, setting and plot to better understand story development</li> <li>• Determine themes and compare them with different stories and genres</li> <li>• Determine the main idea of texts and state the details that support the main idea</li> <li>• Develop perspective and understanding of the author's craft</li> <li>• Read a variety of genres that include both fiction and nonfiction texts</li> </ul>	<ul style="list-style-type: none"> <li>• Use the writing process to strengthen writing by editing and revising</li> <li>• Share information learned in a variety of ways (speaking, writing, multimedia, etc.)</li> <li>• Write opinion pieces that introduce an opinion, support it with reasons and evidence, and provide a conclusion</li> <li>• Write narrative pieces that retell elaborated events and include details, characters, dialogue, transition words and conclusions/endings</li> <li>• Write informative pieces that introduce a topic, group information logically, use vocabulary specific to the topic, and include facts, quotations, definitions and conclusions</li> </ul>
MATH	<ul style="list-style-type: none"> <li>• Draw and identify lines, angles, and classify shapes by properties of their lines and angles</li> <li>• Use the four operations (+, -, x, ÷) with whole numbers to solve numerical and word problems</li> <li>• Understand place value for multi-digit whole numbers (through millions)</li> <li>• Learn a variety of ways to solve multiplication problems</li> <li>• Solve 4-digit x 1-digit multiplication problems and 2-digit x 2-digit multiplication problems</li> <li>• Sort 2D shapes based on their properties</li> </ul>	<ul style="list-style-type: none"> <li>• Convert measurement of metric/U.S. customary and time</li> <li>• Extend understanding of fractions by finding equivalent fractions, comparing fractions, adding/subtracting fractions and ordering fractions</li> <li>• Break apart fractions into easier to manage fractions (<math>5/6 = 2/6 + 1/2</math>)</li> <li>• Convert decimals to fractions and vice versa</li> <li>• Compare decimals and fractions (&lt;, &gt;, =)</li> <li>• Add prime and composite numbers</li> <li>• Represent and interpret data</li> </ul>
SCIENCE	<ul style="list-style-type: none"> <li>• Participate in activities, discussions and investigations</li> <li>• Conduct investigations, make observations, and record data</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrate understanding of key concepts for the following science units:            Life Science: Changes in Ecosystems            Physical Science: Conservation of Matter, Energy Transfer, Simple Circuits            Earth &amp; Space Science: Earth's Resources</li> </ul>
SOCIAL STUDIES	<ul style="list-style-type: none"> <li>• Articulate that groups of people in Ohio have different beliefs and live their daily lives in different ways</li> <li>• Participate in a democratic society that requires individuals to make informed decisions and use information to engage and compromise</li> <li>• Understand the roles and processes of government and how it influences the lives of its citizens</li> <li>• Understand how goods and services are distributed and produced</li> </ul>	<ul style="list-style-type: none"> <li>• Understand how goods and services influence economic development</li> <li>• Explain how the environment influences human activity</li> <li>• Identify and draw regions of Ohio including both physical and human characteristics</li> <li>• Describe how people in the past lived and how they are similar and different from people today</li> <li>• Understand Ohio history from the start of the prehistoric period to the end of the Civil War</li> </ul>

# Family Learning Activities

## LITERACY

- Encourage your child to read daily
- Ask your child about their reading and ask them to give you evidence from the text to support their answers
- Read with your child and talk about the characters, including what they are like (traits), how they change and what they learned
- Practice writing through stories, letters or poems
- Help your child be responsible for any homework or schoolwork

## MATH

- Play math games at home
- Practice addition, subtraction, multiplication and division facts

## SCIENCE

- Encourage your child to question and discuss things they notice about the world around them
- Encourage your child to investigate and be curious by asking questions about how things work

## SOCIAL STUDIES

- Discuss events and local current news
- Discuss where products you buy are made and how much they cost
- Use maps to help you get places
- Talk about voting



For district approved resources and additional family learning activities, scan this QR code to access the Forest Hills Learning Hub.  
[www.bit.ly/FHSDLearningHub](http://www.bit.ly/FHSDLearningHub)

Forest Hills curriculum is aligned to Ohio's Learning Standards.



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