

PHYSICAL EDUCATION

Your fourth grader will develop fundamental movement skills within a variety of developmentally appropriate educational games, dance, and gymnastic activities. Your child will engage with the five health-related fitness components (cardiorespiratory endurance, muscular strength, muscular endurance, flexibility, and body composition) by applying principles of fitness to strengthen individual fitness results. He/she will learn about individual fitness and skills necessary to engage in a variety of physical activities that lead to a healthy lifestyle. Your child will also practice personal and social responsibility, self-directed learning, and problem-solving.

YOU CAN SUPPORT YOUR CHILD AT HOME BY:

- engaging in physical activity as a family by doing things like walking, swimming, biking, or going to the park. Children need 60 minutes of physical activity every day.
- giving children toys that encourage physical activity like balls, kites, and jump ropes.
- encouraging children to join a sports team or try a new physical activity.
- limiting TV and non-physical electronic game time.
- facilitating a safe walk to and from school a few times a week, if possible.
- making an effort to eat healthy by consuming adequate fruits, grains, protein, dairy and vegetables. <http://www.choosemyplate.gov/about.html>

For more information about the Florida Standards, you may visit:
<http://www.flstandards.org> or <http://www.cpalms.org/Public>

To access K-5 Curriculum Guides, please visit:
http://www.pasco.k12.fl.us/otl/curriculum_guides_k5



Pasco County Schools

Providing a world-class education for all students

Kurt S. Browning, Superintendent of Schools

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Pasco County Schools Curriculum Guide

4th Grade

READING & WRITING ENGLISH LANGUAGE ARTS (ELA)

Your fourth grader will apply his/her reading skills to understand challenging literary and informational text. Your child will show an understanding of literature and topics being studied in science and social studies by writing summaries, essays, and research papers.

Your child will:

- refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.
- read multiple texts (books, stories, etc.) on the same topic to integrate information in order to write or speak about the subject knowledgeably.
- read, discuss, and write about complicated stories, rich poems, plays, informational books, and articles.

In writing, your child will use evidence from literary (fictional) and informational (non-fiction) texts to support his/her ideas and work. Your child will learn to orally report on a topic, tell a story, or recount an experience clearly, and use technology to add audio and visual elements to a presentation to help express ideas.

Your child will:

- understand the task, audience and purpose when writing so he/she can choose the best format (narrative, informative/explanatory, or opinion) to convey the message.
- devote time to producing numerous written pieces over short and extended time frames throughout the year.
- develop and strengthen writing as needed by planning, revising and editing.
- use technology to produce and publish writing.
- practice handwriting skills through learning tasks.

YOU CAN SUPPORT YOUR CHILD AT HOME BY:

- discussing the news together.
- picking one story in the newspaper, reading it together, and discussing with your child what it means.
- using technology to provide opportunities for your child to communicate and help build his/her interest in reading.
- providing opportunities for your child to write things such as lists, directions, thank you notes, cards, letters, journals, stories, etc.



MATH 4

Your fourth grader will engage in solving real-world problems that inspire interest in mathematics. He/she will use addition, subtraction, multiplication, and division to solve word problems that will include measurement of volume, mass, and time. Your child will continue to build understanding of fractions and begin to understand the relationship between fractions and decimals.

Throughout the year, your child will:

- add and subtract whole numbers up to 1 million quickly and accurately driven by the standard procedure.
- solve multi-step word problems, including problems involving measurement and converting measurements from larger to smaller units.

- multiply and divide multi-digit numbers.
- extend understanding of fractions by comparing the size of two fractions with different numerators and different denominators.
- create equal fractions.
- add and subtract fractions with the same denominator.
- build fractions from smaller fractions.
- connect addition and subtraction of whole numbers to multiplying fractions by whole numbers.
- connect addition of fractions to the concept of angle measurement.
- represent and interpret data.
- convert fractions with denominators of 10 or 100 into decimals.
- locate decimals on a number line.
- compare decimals and fractions using the symbols.

YOU CAN SUPPORT YOUR CHILD AT HOME BY:

- using everyday objects to allow your child to explore the concept of fractions. For example, use measuring cups so students see how many times you have to refill a $\frac{1}{4}$ cup to equal $\frac{1}{2}$ cup or how many $\frac{1}{3}$ cups are in two cups.
- having your child write or describe fractions in different ways. For example, what are some different ways to make $\frac{3}{4}$?
- asking your child to create and describe equal fractions. For example, have him/her take a sheet of paper, fold the paper in half, and then unfold and shade $\frac{1}{2}$. Then have him/her take the same sheet of paper and fold the paper in a half again. Unfold the paper and have your child discuss the number of parts that are now shaded.
- encouraging your child to stick with it whenever a problem seems difficult.

SCIENCE 4

Your fourth grader will analyze the relationships within systems by raising questions about the natural world. He/she will identify and use appropriate references to support understandings and will tell the difference between actual observations and ideas and inferences about the observations. Your child will compare observations made by different groups, use various tools, keep records, and design experiments.

Through communication and collaboration, your child will:

- explain relationships among living things in our environment.
- understand and investigate properties and changes in matter.
- investigate rocks and minerals on Earth's surface and explore how they are affected by nature.
- explore different forms of energy and the motion of objects.
- demonstrate an understanding of the role of heat in energy transfer.
- evaluate the functions of physical structures of plants and animals.

YOU CAN SUPPORT YOUR CHILD AT HOME BY:

- help out in the kitchen, baking a cake, measuring ingredients, mixing, and identifying changes that occur.
- feel vibrations when different levels of sound are produced (speakers, car, lawn mower).
- time how long it takes for someone riding a bike to cross the finish line, compared to a person running across the finish line (speed of an object is determined by the distance it travels in a period of time).

SOCIAL STUDIES 4

Your fourth grader will participate in activities that will prepare him/her to be personally and socially aware of multiple perspectives. Your child will be introduced to basic concepts related to history, geography, economics, and citizenship. These skills will help foster communication skills to better understand his/her civic responsibility that will challenge him/her to imagine and create a better world. Your child will learn about Florida history focusing on exploration and colonization, growth, and the 20th Century and beyond. Your fourth grader will study the important historical people, places and events that helped shape Florida.

YOU CAN SUPPORT YOUR CHILD AT HOME BY:

- discussing the holidays and the meanings of these holidays, the people and events they celebrate, and how they impact our lives today.
- explaining our civic rights and responsibilities such as: voting, jury duty, and how the justice system works.
- discussing the topics you learn about while reading the newspaper, surfing the web, or watching the news. Ask your child his/her opinions on political, social, and economic matters.
- visiting monuments, memorials, libraries, parks, and museums.
- sharing family stories that can help develop a "sense of history".

ART 4

Your fourth grader will incorporate a variety of two and three-dimensional concepts and ideas in art and digital media. He/she will use observation skills, prior knowledge, and art-criticism skills to reflect on and revise works of art. During the creative process, your child will learn to use accurate art vocabulary and procedures, as well as time-management and collaboration skills..

YOU CAN SUPPORT YOUR CHILD AT HOME BY:

- describing the geometric shapes used within artwork.
- discussing the events that happened in history and the artwork connected to them.
- visiting a museum or art exhibit.

MUSIC 4

Your child will investigate the development of ideas and apply musicianship skills and techniques while engaging in the creation and interpretation of the arts. He/she will analyze the characteristics of musical structures from simple to complex and build respect and understanding of the creative process. He/she will examine the significant cultural contributions in the arts throughout history and identify the connections between music and other fields of study. Your child will also develop knowledge of careers in, and related to, the arts as he/she explores the impact of music on local and global economies.

YOU CAN SUPPORT YOUR CHILD AT HOME BY:

- comparing different styles of music.
- attending a live performance and discuss what you heard.
- identifying various instruments.
- listening to music that originated from other cultures.