

Pasco County Schools Curriculum Guide

5th Grade

5 PHYSICAL EDUCATION

Your fifth grader will develop fundamental movement skills within a variety of developmentally appropriate educational games, dance, and gymnastic activities. Your child will engage in the five health-related fitness components (cardiorespiratory endurance, muscular strength, muscular endurance, flexibility, and body composition) by evaluating progress toward short and long term goals based on individual fitness results. Your child will learn about individual fitness and skills necessary to participate 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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READING & WRITING ENGLISH LANGUAGE ARTS (ELA)

Your fifth grader will read a variety of increasingly complex literary (fictional) and informational (non-fictional) text from diverse cultures and time periods (mysteries, adventure stories, myths, folktales).

Your child will:

- integrate information from several print and technology sources to answer questions and solve problems.
- continue to build knowledge about subjects through research projects and responding analytically to literary and informational sources.

In writing, your child will learn to develop ideas and support them with reasons and evidence. He/she will need to 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.

Your child will:

- produce numerous written pieces over short and extended timeframes throughout the year.
- develop and strengthen his/her writing as needed by planning, revising, editing, rewriting, or trying a new approach.
- use technology to produce, publish, and present writing.
increase his/her understanding of the proper use of grammar and punctuation.
- contribute to class discussions and link his/her comments to remarks of others.
- 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.



5 MATH

Your fifth grader will engage in solving real-world problems that inspire interest in mathematics. He/she will work with decimals up to the hundredths place to build understanding of the place value system. Your child will also add, subtract, multiply and divide fractions, including fractions with unlike denominators. He/she will continue to expand geometry and measurement skills, learning the concept of volume and measuring the volume of a solid figure. Your child will be expected to quickly and accurately multiply multi-digit whole numbers.

Throughout the year, your child will:

- divide numbers with up to four digits by two digit numbers.
- use exponents to express powers of 10.
- read, write, and compare decimals to the thousandths place.
- add, subtract, multiply, and divide decimals to the hundredths place.
- write and interpret mathematical expressions using symbols such as parentheses.
- add and subtract fractions with unlike denominators by converting them to fractions with matching denominators.
- multiply fractions by whole numbers and other fractions.
- divide fractions by whole numbers and whole numbers by fractions.
- analyze and determine relationships between numerical patterns.
- measure volume using multiplication and addition.

YOU CAN SUPPORT YOUR CHILD AT HOME BY:

- using everyday objects to allow your child to explore the concept of fractions. For example, have your child divide a candy bar (or a healthy snack) between a specific number of people.
- having your child explain how to write fractions in different ways. For example, what are some different ways to write $1/2$?
- asking your child to give you a fraction equal to a decimal. For example, what are two fractions that can be used to represent 0.6?
- encouraging your child to stick with it whenever a problem seems difficult.

5 SCIENCE

Your fifth grader will focus on using evidence, models, and reasoning to form scientific explanations. He/she will participate in observations and use data (factual information gathered) to formulate scientific explanations. He/she will use evidence to understand interactions and predict changes in the natural and human-designed world. Your child will add new evidence he has gained from observations, experiments, or models to what he/she already knows to create logical and consistent verbal and written statements. Your child will develop the ability to tell the difference between personal opinion/interpretation and verified observations.

Your child will understand, investigate and explore:

- environmental changes and their impact on physical characteristics and behaviors of plants and animals.
- properties and the conditions that affect changes in matter.
- relationships among Earth's systems and patterns in weather.
- energy and its relationship to create change and be transformed.
- different forces and their affects on objects.
- characteristics of objects within our solar system.
- the role of heredity and reproduction among plants and animals.

YOU CAN SUPPORT YOUR CHILD AT HOME BY:

- having him/her help move furniture to understand that the more mass of an object, the greater force needed to make it move.
- choosing a planet and creating a model using clay, paper mache, or technology to research the planet's characteristics.
- creating a menu of items to eat that have chemical changes (toast, eggs, pancakes...).

5 SOCIAL STUDIES

Your fifth 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 the development of our nation with an emphasis on the important people, places and events up to 1850. During this year of study, your fifth grader will be exposed to the historical, geographic, political, economic, and sociological events that influenced the initial inhabitation, exploration, colonization, and early national periods of American history. He/she will also have the opportunity to understand how individuals and events of this period influenced later events in the development of our nation and world.

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".

5 ART

Your fifth grader will incorporate a variety of two and three-dimensional concepts and ideas in art, technology and processes to influence personal artistic decisions. Your child will learn to use art-criticism to interpret creative products. He/she will collaborate, make observations and use prior knowledge to reflect and revise works of art. Your child will learn to use accurate art vocabulary, procedures and time-management.

YOU CAN SUPPORT YOUR CHILD AT HOME BY:

- talking about the creative process involved in creating art.
- discussing the lines and rhythm of a piece of artwork.
- visiting a museum or art exhibit.

5 MUSIC

Your fifth grader will learn to analyze artistic and creative works. He/she will explore musical structures to represent a personal and creative form of artistic communication. Your child will learn to recognize relationships among music and other disciplines of study. He/she will use musical knowledge to explore the contributions of music and the arts to positive social development and global economic success.

YOU CAN SUPPORT YOUR CHILD AT HOME BY:

- asking your child to analyze music.
- having your child describe the different careers related to music.
- identifying pieces of music that originated from cultures other than your own.