

Visual Arts

What your child will be learning in 5th grade:

- Create drawings using shading, blending and perspective
- Create paintings using color theory to demonstrate unity
- Create sculptures using an armature along with other sculptural techniques
- Create clay forms that refine clay building techniques and surface decoration
- Create prints using varied layers of color for a unified composition
- Create artworks using mixed media and/or fiber techniques
- Create artworks with digital media and processes
- Describe, discuss, analyze and interpret artworks using accurate vocabulary
- Interpret how art reflects and documents cultural trends and historical events
- Plan, analyze, and revise personal artworks
- Use innovative ideas and creative solutions to solve artistic problems and communicate ideas
- Plan and organize design elements and principles to create artwork that communicates an idea
- Identify connections between visual art and other content areas

Looking for more information?

- Go online with your child to learn about and make art using interactive art websites (*Link to several sites:* <http://www.symbaloo.com/mix/digitalartmaking>)
- Visit: <http://www.artstampabay.com/>)

Music

What your child will be learning in 5th grade:

- Identify aurally selected instruments of the orchestra, band and other ensembles
- Listen critically & develop suggestions to improve performances
- Compare and/or contrast works within genres, styles and cultures
- Sing simple songs in major and minor modes
- Sing a major scale with proper singing technique using solfege, while maintaining a tonal center
- Play 2/4 measure rhythmic/melodic ostinati within an ensemble, maintaining part
- Sing and play simple major and minor melodies and accompaniments by ear
- Perform in an ensemble using appropriate expression and technique, and following the cues of the conductor
- Read rhythmic/melodic phrases using basic rhythmic note values and Do, Re, Mi, So, La, Ti, Do
- Improvise rhythmic & melodic phrases to create simple variations on familiar melodies
- Notate 4-8 measure rhythmic/melodic phrases using basic rhythmic note values, their corresponding rests, and Do, Re, Mi, So, La, Ti, Do in 2/4 and 4/4.
- Compose an 8 measure melody using traditional notation in 2/4 and 4/4
- Read score of a simple song and apply music symbols & terms
- Examine critical thinking processes in music. Create music using a variety of sound sources to express text, idea, or feeling
- Identify connections between music and other subjects
- Create a musical interpretation of song by varying dynamics, timbre and/or tempo

Physical Education

What your child will be learning in 5th grade:

Elementary Physical Education focuses primarily on fundamental motor skills with skill acquisition. The fundamental motor skills for Elementary School form the building blocks for game play, physical activity and fitness activities.

Grade Level Requirements:

Elementary: Section 1003.455, F.S., requires 150 minutes of physical education each week for students in grades K-5. A minimum of 30 consecutive minutes is required on any day that physical education instruction is provided.

Physical Education Standards

- Combines traveling with manipulative skills of dribbling, throwing, catching and striking in teacher and/or student designed small-sided practice tasks.
- Throws overhand using a mature pattern in non-dynamic environments towards a target.
- Catches a batted ball above the head, at chest or waist level and along the ground using a mature pattern.
- Combines hand and foot dribbling with other skills during 1v1 practice.
- Passes and receives a ball with the insides and outsides of the feet to a moving partner.
- Kicks a ball along the ground and in the air for accuracy; student punts the ball during small-sided practice tasks.
- Strikes a ball with a short-handled implement (i.e. a racket) over a net or towards a wall and alternates hits in a cooperative environment.
- Applies movement concepts to strategy in game situations.
- Strikes a ball with a long-handled implement, sending it towards a target, while using a proper grip
- Creates a jump rope routine with either a long or a short rope.
- Applies simple offensive and defensive strategies in invasion activities.
- Differentiates between health-related and skill-related fitness.

Health

Pinellas County Schools is committed to supporting the healthy development of students both physically and academically. Through local decision-making for appropriate implementation at each site, all elementary schools will offer physical activity everyday through physical education, recess or both. This can be accomplished in many ways through flexible scheduling models, taking into consideration the varying needs of individual schools.

What your child will be learning in 5th grade:

- Core Concepts - mental/emotional, physical, and social health promotion, disease and injury prevention
- Internal and External Influences (warning labels and community helpers)
- Self Management (personal health choices)
- Advocacy - positive promotion and modeling healthy choices
- Accessing Information - family health, following rules, friends trusted adults in school and community
- Interpersonal Communication - conflict resolution, verbal and non-verbal, reporting, active listening and refusal skills
- Decision Making - positive/negative healthy options and decisions
- Goal Setting - short and long term health targets, personal health and small groups

Pinellas County Schools

Elementary Parent's Guide to Florida Standards Success Fifth Grade



Vision: 100% Student Success

Fifth Grade Elementary Parents' Guide to Student Success

This guide is based on the Florida State Standard. If your child meets the expectations as outlined in this guide, he/she will be well prepared for success in sixth grade.

Language Arts (ELA)

What your child will be learning in 5th grade:

In grade five, students will continue to build important reading, writing, speaking, and listening skills. They will read more challenging literature, articles, and other sources of information and continue to grow their vocabulary. Students will also be expected to understand and clearly summarize what they have learned from readings and classroom discussions, referring to specific evidence and details from the text. Students will write regularly and continue to develop their ability to gather, organize, interpret, and present information. Activities in these areas will include:

- Determining the theme of a story, play, or poem
- Comparing and contrasting stories that deal with similar themes or topics
- Explaining how authors use reasons and evidence to support their points or ideas
- Drawing on information from multiple books, articles, or online sources to locate an answer or to solve a problem quickly
- Learning the rules of spoken and written English as well as demonstrate fluent and legible cursive writing skills
- Understanding figurative language
- Giving a class presentation on a topic or telling a story logically
- Writing research or opinion papers over extended periods of time

Helping your child at home:

- Provide time and space for your child to read and write in any genre of choice.
- Ask your child what he or she learned from reading and discuss how that knowledge can be used in real life.
- Assist your child in using references such as the Internet or a dictionary to look up unfamiliar words.
- Be sure your child has a library card.
- Use technology to help build your child's interest in reading.

Social Studies

What your child will be learning in 5th grade:

Social Studies instruction in 5th grade is to prepare students to be knowledgeable, informed, and active citizens in their community. In grade five; students use their understanding of social concepts and skills to study the development of the United States up to 1850. Students will be engaged in conversations and learning opportunities to help them make sense of why our government was created as well as the different ideologies and views of government.

Activities in these areas may include:

- Explaining how and why the United States government was created; define constitution and its purpose
- Evaluate the cause, course, and consequence of the American Revolution
- Evaluate the importance of civic responsibilities in American Democracy
- Introduction into Holocaust studies
- Cause, course, and consequence of Westward Expansion

Mathematics

What your child will be learning in 5th grade:

- Adding and subtracting fractions with unlike denominators (e.g., $2\frac{1}{4} - 1\frac{1}{3}$), including solving word problems with unlike denominators
- Multiplying fractions; dividing fractions in simple cases; and solving related word problems (e.g., finding the area of a rectangle with fractional side lengths; determining how many $\frac{1}{3}$ -cup servings are in 2 cups of raisins; determining the size of a share if 9 people share a 50-pound sack of rice equally or if 3 people share $\frac{1}{2}$ pound of chocolate equally)
- Understanding the place-value system to read, write, compare and round decimals
- Multiplying multi-digit numbers quickly and accurately
- Evaluating (solving numerical expressions involving parentheses, brackets, or braces)
- Understanding the concept of volume, and solving word problems that involve volume
- Graphing points in the coordinate plane
- Analyzing mathematical patterns and relationships
- Converting among different measurement units including; km, cm, m, kg, g, oz, l, ml, hr, min, sec.

Helping your child at home:

- Create a quiet place and determine a regular time for your child to study every day.
- Sit down with your child at least once a week for 15 - 30 minutes while he or she works on homework. This will keep you informed about what your child is working on, and it will help you be the first to know if your child needs help with specific topics.
- Practice arithmetic with decimals (balancing a checkbook)
- Multiplying with fractions - for example, if you used about $\frac{2}{3}$ of a $\frac{3}{4}$ -cup measure of vegetable stock, then how much stock did you use? How much is left?
- Using the length, width, and depth of garden plot to determine how many bags of soil to buy.

For more information, the full standards are available at: <http://www.fldoe.org/pdf/mathfs.pdf>

Science

What your child will be learning in 5th grade:

Life Science

- Function of the organs in the human body
- Function of physical structures in plants
- Plant and animal survival when environments change
- Adaptations that allow animals and plants to survive

Physical Science

- Dissolving process – impact of temperature
- Properties of solids, liquids and gases
- Properties that can be used to separate a solid mixture: shape, size, color, magnetic attraction
- Physical and chemical changes related to temperature
- Changes and motion caused by energy: sound, electrical, heat, chemical, mechanical
- Static electricity- basic understanding
- Simple electrical circuits
- Materials that conduct electricity
- Electrical energy transformed into heat, light and motion
- Forces that cause objects to move, balanced forces, effect of mass on an objects movement

Earth Science

- Characteristics of our planets- Our galaxy: The Milky Way
- Objects in our Solar System including our sun, planets, moons, asteroids and comets
- Water Cycle - Relationship between the water cycle and the oceans
- Weather including air temperature, air pressure, humidity, wind speed and direction, forms of precipitation
- Weather differences among different environments
- Climate zones: temperature and precipitation in different climate zones and how they relate to latitude, elevation and bodies of water

Helping your child at home:

- Go on nature walks making observations of your surroundings (plants, animals, soil, rocks)
- Bird watching - using birding guides available on line
- Star gazing – observing stars, star patterns, moon and planets
- Check out science related books from your local library
- View science related websites, webcams and videos