

FIFTH GRADE BENCHMARKS

Fifth grade students have a positive approach to life. Fifth grade students are capable of increasing independence and responsibility in their faith and in their academics. As self-aware individuals fifth grade students are proactive in seeking help and guidance in their studies. They have a growing respect for and acceptance of others. As life long learners fifth grade students readily apply grade-level foundational skills in all subject areas and seek connections between the curriculum, themselves and the world.

RELIGION

CREED

Students will:

- explain that Christians believe Jesus is the Son of God and the Messiah sent to save them
- explain the Church as the “people of God” and the “Body of Christ”
- explain the meaning of the “communion of saints”
- identify ways that the Church carries on the mission of Jesus

SCRIPTURE

Students will:

- demonstrate the ability to relate Scripture to one’s life
- identify psalms as songs of praise, thanksgiving, and petition
- know the four gospel accounts of Matthew, Mark, Luke, and John
- apply the meaning of God’s message in selected Sunday readings

PRAYER/WORSHIP

Students will:

- know meanings, signs, and symbols of each of the seven sacraments
- identify the Sacraments of Initiation, Healing, and Service
- recognize the Liturgical Calendar and explain the Seasons of the Church year, their meanings and colors
- demonstrate a knowledge of the four marks of the Church

CHRISTIAN LIVING

Students will:

- discuss the consequences of sin in their own lives and in the life of the community
- share stories that demonstrate how to live their faith at home, school, and social activities
- reach out to people at home, school, community, and the world through positive words and actions and give examples of these
- identify people and present and past (saints) who are examples of Christian discipleship

MATH

NUMBER SENSE

Students will:

- compute with large and small numbers, positive integers, decimals, and fractions
- calculate and solve problems involving the addition, subtraction, and simple multiplication and division of fractions and decimals
- understand the relationship between decimals, fractions, and percents

ALGEBRA AND FUNCTIONS

Students will:

- use variables in simple expressions
- find the value of the expression for specific values of the variable
- interrupt and plot the results in graphs and coordinate planes

MEASUREMENT AND GEOMETRY

Students will:

- understand and compute the perimeter, area, and volume of figures using the appropriate formulas
- identify, describe, and classify the properties of and the relationship between plane and solid geometric figures

STATISTICS, DATA ANALYSIS, AND PROBABILITY

Students will:

- display, analyze, compare, and interpret different data sets, including data sets of different sizes

MATHAMATICAL REASONING

Students will:

- make decisions about how to approach problems
- use strategies, skills, and concepts in finding solutions
- move beyond a particular problem by generalizing to other situations

LANGUAGE ARTS

READING

Word Analysis, Fluency, Vocabulary, Comprehension, and Literary Response and Analysis

Students will:

- use appropriate grade level literary terms
- read aloud narrative and expository text fluently and accurately with appropriate pacing, intonation and expression
- recognize sequence of events, cause and effect, main idea and supporting details, problem and solution, and steps in a process
- distinguish between fact and nonfact, important from unimportant information, as well as fact and opinion
- compare and contrast events, characters, and text
- summarize
- form conclusions or generalizations and support with evidence from text
- make and explain inferences, make predictions, as well as make judgments and decisions
- analyze character, character's motive and point of view, plot, setting, style, tone and mood
- describe how the author's point of view affects text
- read and interpret varied texts and both print and online resources such as encyclopedia, dictionary, glossary, and other resources
- read, interpret and use text/graphic organizers

VOCABULARY AND CONCEPT DEVELOPMENT

Students will:

- use context clues in a sentence to determine the meaning of words across the curriculum
- use context clues to demonstrate their understanding of vocabulary words
- use and identify synonyms and antonyms
- understand and demonstrate knowledge of multiple meaning words
- use knowledge of root words, prefixes and affixes to determine the meaning of unknown words in text
- use resources and reference as an aid for writing and understanding

SPELLING

Students will:

- use high fluency words correctly, appropriate to grade level
- use understanding of specific spelling patterns to spell words correctly
- differentiate between plurals and possessives, and are able to spell them correctly
- understand and are able to spell correctly, words that change forms when adding -ed and -ing
- spell compound words correctly, distinguish between single, two, and hyphenated syllables
- understand contractions, and the relationship between the two words and that contractions are not used in formal writing
- understand and differentiate between homophones and homographs
- identify prefixes and suffixes in base words, and understand that prefixes and suffixes

- change the word meanings
- understand how to transfer word patterns across the curriculum

GRAMMAR

Fifth grade students will continue to develop their knowledge of formal grammar.

Students will:

- recognize all eight parts of speech: noun, pronoun, adjective, verb, adverb, preposition, conjunction, and interjection
- identify prepositional phrases, clauses, direct objects, and indirect objects
- identify various sentence patterns
- use the grammatical elements in grade-level sentences
- correct grammatical errors in written work
- explain how words relate to each other within a sentence
- diagram the grammatical elements

WRITING

Students will:

- continue to develop an understanding and application of narrative, descriptive, expository and persuasive writing
- write complete sentences following the conventions of correct grammar, capitalization and punctuation
- demonstrate an understanding of person; i.e. 1st person, 2nd person, 3rd person
- continue to develop an understanding of and apply tone relevant to the topic and audience.
- organize paragraph structure to include a topic sentence that clearly states the main idea; development sentences with examples and supporting details that are relevant to the topic sentence; and a summary sentence that restates the main idea, all in logical sequence
- continue to develop a knowledge and use of transition words to signal additional examples
- use grade level vocabulary and spelling in writing
- incorporate grade level content in writing across the curriculum

SCIENCE

INVESTIGATION

Students will:

- develop a testable hypothesis and carry it out
- create a procedure for an investigation
- identify the dependent and controlled variables in an experiment
- create criteria and classify objects

PHYSICAL SCIENCE

Students will:

- understand how elements are organized on the periodic table and that all living organisms and many other materials are composed of just a few elements
- identify that in a chemical reaction the reactants rearrange their atoms to form products with different chemical properties
- identify the difference between chemical and physical properties and be able to use that knowledge to separate mixtures and identify elements
- know the properties of the different states of matter

LIFE SCIENCE

Students will:

- understand the internal structures that organisms use to transport materials
- recognize how blood circulates through the body using the circulatory and respiratory systems
- know the steps of digestion
- identify how plants and animals remove waste from their bodies
- know how plants and animals use each other to get the energy they need to live

EARTH SCIENCE

Students will:

- understand the water cycle and the role it plays in weather patterns
- recognize that fresh water is a limited resource and be able to identify ways to conserve water
- understand the causes and effects of severe weather
- be able to use weather maps and data to predict weather patterns
- identify the different components of the solar system
- understand the role of gravity in planetary motion

SOCIAL STUDIES

WORLD HISTORY AND GEOGRAPHY: Ancient Civilizations

Students will:

- describe what is known through archaeological studies of the early physical and cultural development of humankind from the Paleolithic era to the agricultural revolution
- analyze the geographic, political, economic, religious, and social structures of the early civilizations of Mesopotamia, Egypt, and Kush
- analyze the geographic, political, economic, religious, and social structures of the ancient Hebrews
- analyze the geographic, political, economic, religious, and social structures of the early civilizations of Ancient Greece
- analyze the geographic, political, economic, religious, and social structures of the early civilizations of India
- analyze the geographic, political, economic, religious, and social structures of the early civilizations of China
- analyze the geographic, political, economic, religious, and social structures during the development of Rome

ART

ARTISTIC PERCEPTION

Students will:

- identify and describe the principles of design in visual compositions, emphasizing unity and harmony
- identify and describe characteristics of representational, abstract, and nonrepresentational works of art
- use their knowledge of all the elements of art to describe similarities and differences in works of art and in the environment

CREATIVE EXPRESSION

Students will:

- use perspective in an original work of art to create a real or imaginary scene
- communicate values, opinions, or personal insights through an original work of art

HISTORICAL AND CULTURAL CONTEXT

Students will:

- identify and describe various fine, traditional, and folk arts from historical periods worldwide

AESTHETIC VALUING

Students will:

- identify how selected principles of design are used in a work of art and how they affect personal responses to and the evaluation of the work of art
- assess their own works of art, using specific criteria, and describe what changes they would make for improvement

CONNECTION, RELATIONSHIPS, APPLICATIONS

Students will:

- identify and design icons, logos, and other graphic devices as symbols for ideas and information

MUSIC

Students will:

- use appropriate terminology when discussing musical works
- have an overview of many of the important composers
- recognize and know the name of compositions from some of the great composers
- know varied important musical figures from different cultures and time periods
- appreciate different musical forms and styles
- identify the sounds of a variety of musical instruments as well as male and female voices
- write simple songs in a variety of forms

PHYSICAL EDUCATION

MOVEMENT SKILLS AND PATTERNS

Students will:

- enter, jump, and leave a long rope turned by others
- throw and catch an object underhand and overhand while avoiding an opponent
- field a thrown ground ball
- strike a dropped ball with a racket toward a target by using the forehand movement pattern
- hit a softly tossed ball backhanded with tennis racket
- dribble a ball while preventing another person from stealing the ball
- pass a ball back and forth with a partner, using a chest pass and bounce pass
- volley a tossed ball to an intended location
- perform a square dance

PHYSICAL FITNESS AND HEALTH

Students will:

- demonstrate how to warm up muscles and joints
- participate in continuous moderate to vigorous physical activities at the appropriate intensity for increasing aerobic capacity
- perform flexibility exercises that will stretch particular muscle areas for given physical activities

SOCIAL DEVELOPMENT

Students will:

- contribute ideas and listen to the ideas of others in cooperative problem-solving activities
- acknowledge orally the contributions and strengths of others
- accommodate individual differences in others' physical abilities in small-group activities

COMPUTER

Students will:

- do internet-based research at a more detailed level
- save their work in folders and sub-folders on the computer desktop
- learn to import text and pictures into different software programs
- complete a biography on an important person in history and put it together in *Comic Life* software
- begin to learn a 3D animation program designed by Carnegie Mellon “alice”
- continue building their typing skills and words per minute