

Sixth Grade

MATH

REVIEW

- Meanings of operations and how they relate to one another
- Multiply and divide multi-digit numbers by multi-digits
- Compute averages
- Read, write, and identify place value of decimals through the hundred-thousandths
- Various operations with decimals
- Compare, add, subtract, and multiply fractions and mixed numbers
- Compute and relate decimals to fractions

INTRODUCE

- Define exponents
- Divide a decimal by a decimal
- Divide fractions and mixed numbers using reciprocal
- Concepts of scale and ratio
- Use models to represent percents and proportions
- Understand the square and square root of a number
- Compute the circumference and area of a circle
- Explore symmetry and transformations
- Making line plots, circle graphs, and stem-and-leaf plots
- Identify, compare, add, subtract, multiply, and divide integers
- Identify and graph ordered pairs on a coordinate plane

MASTER

- Compute and make reasonable estimates for all operations with whole numbers, decimals, and fractions.
- Use variables and solve equations involving addition, subtraction, multiplication and division
- Concepts of geometry: perimeter, area, and volume
- Recognize characteristics of and classify common polygons and angles
- Choose units, convert units, and estimate measures within the customary and metric systems
- Measure of central tendency, line and bar graphs, and probabilities

READING

REVIEW

- Read for more than one purpose (i.e. research, study, personal)
- Recall sequence of events and details in a story
- Clarify authors viewpoint and purpose
- Summarize and paraphrase what they read
- Context clues to determine word meanings

INTRODUCE

- Distinguish biased writing from unbiased
- Understand mood and tone, and its role in literature
- Use personal experience and other sources to clarify issues
- Consider audience when summarizing and paraphrasing
- Make analogies to express ideas

MASTER

- Develop outlines for items read
- Recognize different types of writing techniques used to express and emphasize viewpoints and purpose
- Predict information that will appear in a text (i.e. an answer to a question, a reason, a problem for a character, or a solution to a problem)
- Vary reading techniques according to purpose and content
- Locate and interpret information in reference sources

ENGLISH

REVIEW

- Identify primary parts of speech (i.e. nouns, pronouns, verbs, articles, adjectives, adverbs, interjections, and conjunctions)
- Identify, punctuate, and write declarative, interrogative, imperative, exclamatory, and compound sentences
- Identify and use common and proper nouns, proper adjectives, the 3 tenses of verbs, and prepositional phrases.
- Identify and use subject, object, and possessive pronouns
- Identify and use pronouns that agree with their antecedents
- Identify adverbs and understand their position in sentences
- Identify and use objects of verbs: direct and indirect objects
- Identify and use verbs that agree in number with their subject

- Identify and distinguish complete, simple, and compound subjects and predicates
- Identify, write, and properly punctuate compound and complex sentences.
- Correctly place adjectives and adverbs in their writing
- Correct errors in the form, use, and placement of modifiers
- Demonstrate appropriate use of apostrophies, underlining, and commas in sentences
- Write, use, and punctuate dialog properly
- Identify and correct fragments and run-on sentences
- Understand the standard usage rules of Standard English
- Learn to spell and define a prescribed list of words
- Grasp writing strategies and their applications
- Understand and utilize paragraph structure and development
- Write a paragraph with a topic sentence
- Identifies and writes details that support the main idea of a paragraph
- Write compare and contrast, instructions, and persuasive compositions
- Demonstrate understanding and ability to use the parts of a book (i.e., Title page, copyright page, table of contents, index, glossary)
- Grasp library organization and know reference material use
- Utilize reference material for research and writing
- Avoid the use of tense shifts and double negatives in sentences and paragraphs
- Make and punctuate a bibliographic reference
- Employ deductive reasoning and use context clues

INTRODUCE

- Define independent clauses
- Identify and handle definite and indefinite articles easily in speaking and writing
- Identify and use personal, reflexive, intensive, demonstrative, indefinite, interrogative, and relative pronouns
- Identify and use demonstrative adjectives
- Identify verb phrases: helping verbs + main verbs
- Identify and use verb types: action verbs, irregular vs. regular verbs, linking verbs, and transitive vs. intransitive
- Memorize and use correctly in sentences present and past tense forms of *be*, *have*, and *do*
- Identify and write comparative and superlative forms of adjectives and adverbs in sentences
- Identify and use as modifiers: adjective vs. adverb prepositional phrases
- Identify and use subject complements: predicate nominatives and predicate adjectives

- Identify and use appropriately semicolons, colons, hyphens, and parenthesis
- Understand word relationships in analogies
- Make and use analogies in writing
- Comprehend and utilize MLA (Modern Language Association) standards for writing
- Write 5 paragraph essays: develop a thesis statement, write a proper introduction and conclusion, develop a 3 paragraph body to support the thesis
- Write a unified paragraph which has a clearly stated purpose and is audience appropriate
- Utilize transition words to ensure sentence fluency in paragraph, essay, and research report writing
- Utilize writing strategies with narrative, descriptive, expository, story, and persuasive writings
- Proofread and revise one's own writing for grammar, mechanics, and content
- Write complete a research paper according to MLA standards including note cards, outline, body, and works cited
- Comprehend entemologies for dictionary entries and the significance of root words for defining word meanings
- Learn note taking skills and its importance for studying, research, and writing.

MASTER

- Demonstrate use and comprehension of capitalization and its importance in the written language
- Demonstrate significance of using punctuation in written language
- Identify and capitalize proper adjectives and proper nouns
- Identify and revise incorrect verb forms in sentences
- Identify and revise incorrect pronoun forms in sentences
- Prepare and write an outline and then write a composition from the outline

SCIENCE

REVIEW

- The God has created a mysterious and complex universe
- Use of microscopes and other lab materials

INTRODUCE

- Writing a scientific journal for experiments
- Exploring God's creation as it pertains to Earth Science
- Creating, reading, and interpreting different graphs

MASTER

- Changes and forces within the earth
- Mapping of the Earth's surface
- Identify and distinguish Minerals
- Describe Earth movements, plate tectonics, and volcanoes
- Explain positive and negative forces that shape the earth's surface
- Create an understanding of water uses and resources
- Recognize weather patterns and their effects on the climate
- The many objects of different sizes and descriptions traveling through space

SOCIAL STUDIES

REVIEW

- Understand different purposes and skills of map studies
- Compare and summarize information in tables, graphs, and charts
- Recognize we are creating history as we live

INTRODUCE

- Participate in discussions of current events
- Understand the history, geography, and culture of key regions of the old world

MASTER

- Recognize the important details in note taking from discussion and text
- Understand the relationship of history and how it affects the events of today
- Understand that geography of an area plays key roles in the culture and history of the people who live there
- Be able to locate and understand the geography and culture of the countries of Africa, the Middle East, India, China, Japan, Greece, and several other countries of Asian, Africa, and Europe

CHRISTIAN LEARNING

REVIEW

- Know God, especially His seeking and forgiving love in Christ
- Respond in faith and grow into Christian maturity
- Students see themselves as reconciled, redeemed children of God and individual members of Christ's body, the Church
- Live happily in peace with God, themselves, and their fellow human beings

INTRODUCE

- Express their joy in worship of God and in loving service to others
- Value all of God's creative work in His world and the Church
- Witness openly to Christ as the Savior of all people
- Participate actively in God's mission to the Church and the world Live in Christian hope

MASTER

- Understanding of the Bible as many books, with One message
- Be able to understand and explain the Sacraments
- Explain Jesus' earthly life
- Recognize the importance to the teachings of Jesus
- Be able to discuss the illustrations of Jesus' message
- Be a shining light to proclaim God's Word