

READING

- ◆ Use semantic, structural, picture, phonetic and contextual cues
- ◆ Vary reading technique, rate and expression for purpose and content
- ◆ Recognize bias
- ◆ Explain how tone is reflected in the author's style
- ◆ Identify sensory details and figurative language
- ◆ Evaluate the various functions of language used to comprehend text
- ◆ Distinguish relevant from irrelevant information contained within text and identify possible points of confusion
- ◆ Develop personal insight into reading
- ◆ Identify and analyze elements of setting, characterization, and conflict in plot
- ◆ Identify theme as main idea or meaning (implied or stated)
- ◆ Distinguish cause and effect
- ◆ Identify and analyze main ideas, supporting ideas and supporting details
- ◆ Make perceptive and well-developed connections
- ◆ Relate new information to prior knowledge and experience
- ◆ Listen to, read and discuss a variety of literary styles

LANGUAGE ARTS

- ◆ Demonstrate self-confidence when speaking in front of the class
- ◆ Demonstrate self-confidence when speaking in a group
- ◆ Use oral presentations to inform, persuade, or entertain
- ◆ Engage audience with verbal cues and eye contact
- ◆ Use various communication modes
- ◆ Ask questions for clarification
- ◆ Respond to questions with appropriate information
- ◆ Give supporting details for expressed opinions
- ◆ Listen to and view a variety of media to acquire information
- ◆ Learn, understand and utilize new vocabulary
- ◆ Recite poetry
- ◆ Participate in plays and choral reading
- ◆ Write in a variety of modes
- ◆ Apply spelling knowledge to all areas
- ◆ Learn, understand and utilize new vocabulary
- ◆ Recognize and use words with multiple meanings
- ◆ Identify homonyms, antonyms, synonyms and homophones
- ◆ Use and identify the eight parts of speech: noun, verb, adjective, adverb, pronoun, conjunction, preposition, interjection

- ◆ Identify verb phrases and verb tenses
- ◆ Practice correct word usage in speaking and writing
- ◆ Identify and use correct mechanics: capitalization, punctuation, and sentence structure
- ◆ Use correct subject-verb agreement
- ◆ Create a clear, organizing structure that includes descriptions placed in a logical, chronological, or narrative sequence in ways that help the reader follow the line of thought
- ◆ Connect relevant descriptions including sensory details, personal experiences, observations, and/or research-based information, linking paragraphs and ideas
- ◆ Write essays of description and problem/solution for an intended audience and purpose that use concrete sensory details to support impressions of people, places and things
- ◆ Provide sense of closure to writing
- ◆ Exclude extraneous details and inappropriate information
- ◆ Expand or reduce sentences
- ◆ Vary sentence structure by kind, order and complexity
- ◆ Implement the writing process: prewriting, drafting, revising, editing, publishing

MATHEMATICS

- ◆ Read, write and compare numbers in the billions
- ◆ Identify place value in the billions
- ◆ Use number theory concepts of divisibility, least common multiple, common factors, exponents, prime factorization and square numbers/square roots to show number relationships
- ◆ Read, write, compare and order decimals to the ten thousandths place
- ◆ Compare and order terminating or repeating decimals
- ◆ Identify the least common denominator
- ◆ Relate fractions to percent
- ◆ Identify and describe reciprocal fractions
- ◆ Explain absolute value
- ◆ Read, write and express rational numbers in a variety of forms including scientific notation, exponents and percents
- ◆ Multiply multi-digit numbers by 3-digit and 4-digit factors
- ◆ Use knowledge of money to estimate sums, differences, products and quotients
- ◆ Estimate decimal products and quotients
- ◆ Multiply and divide decimals by whole numbers, decimals, and powers of ten
- ◆ Determine if a number is divisible by 2, 3, 5, 6, or 10
- ◆ Estimate sums and differences for fraction equations

- ◆ Subtract mixed number and rename the difference
- ◆ Multiply and divide fractions by whole numbers, fractions and mixed numbers
- ◆ Use a number line to add and subtract integers
- ◆ Use the order of operations to solve problems
- ◆ Solve equations with integers
- ◆ Read, write and describe ratios
- ◆ Identify equivalent ratios
- ◆ Identify and describe proportions
- ◆ Use proportions to create scale drawings and similar figures
- ◆ Calculate percent of a number and the percent one number is of another
- ◆ Explain the relationship among percent, decimals and fractions
- ◆ Use percent to create a circle graph and calculate sales tax
- ◆ Measure to the nearest millimeter
- ◆ Change temperature units between systems
- ◆ Apply a formula to calculate circumference
- ◆ Explain the concept of surface area
- ◆ Derive and apply formulas to find the area of parallelograms, triangles, circles, and surface area
- ◆ Relate perimeter, area, and volume
- ◆ Construct a triangle, rectangle or other polygon with specific measurements
- ◆ Compare data sets of different sizes
- ◆ Compare and analyze measures of central tendency
- ◆ Determine effects on measures of adding data
- ◆ Engage in simulations to find experimental probability
- ◆ Use a formula.
- ◆ Sequence and prioritize information
- ◆ Identify relevant and irrelevant information

SCIENCE

- ◆ Construct a simple classification system and identify the properties used
- ◆ Evaluate and modify an inference based on additional observation
- ◆ Identify relevant data
- ◆ Formulate questions based on scientific knowledge
- ◆ Form inferences based on observations
- ◆ Integrate new information with past experiences
- ◆ Use observations and prior knowledge to predict outcomes
- ◆ Experiment and manipulate variables in a systematic way

- ◆ Form a hypothesis that is a generalization about a set of circumstances
- ◆ Identify trends in data
- ◆ Use what is done and observed to formulate a definition
- ◆ Use data to construct a reasonable explanation
- ◆ Communicate investigations and explanations
- ◆ Apply a wide variety of strategies to solve problems
- ◆ Apply information and skills to new situations
- ◆ Solve problems using acquired skills
- ◆ Explore scientific themes in Life, Earth and Physical Science

SOCIAL STUDIES

- ◆ Read maps of various types
- ◆ Measure and compare distance on a map using scale
- ◆ Interpret land form and relief maps
- ◆ Study Post-Civil War United States History

TECHNOLOGY

- ◆ Use a variety of computer programs to enhance learning across the curriculum
- ◆ Demonstrate ability to use a basic keyboard
- ◆ Use proper posture and hand placement on the keyboard
- ◆ Recognize basic computer terminology
- ◆ Use a computer as an educational tool
- ◆ Follow established rules for use and care of computers
- ◆ Use menu-driven software
- ◆ Apply word processing/desktop-publishing tools to facilitate the writing process
- ◆ Use multimedia tools to express ideas
- ◆ Use brainstorming/webbing software in planning, organizing, and prewriting
- ◆ Use graphics and fonts to enhance documents
- ◆ Understand the importance of the computer in society
- ◆ Demonstrate an understanding of the role of technology at home and in the community
- ◆ Use technology to gather information
- ◆ Use technology tools to facilitate the writing process
- ◆ Understand the ethical and legal uses of technology and information

STUDY STRATEGIES

- ◆ Evaluate information and sources
- ◆ Acknowledge information from sources
- ◆ Use organizational features of printed text to locate relevant information

- ◆ Identify and use knowledge of common graphic features: graphs, charts, maps, diagrams, captions and illustrations
- ◆ Use various reference materials as aids to writing
- ◆ Determine pronunciations, meanings, alternate word choices, and parts of speech using dictionaries and thesauruses
- ◆ Organize information in a variety of ways

PHYSICAL EDUCATION

- ◆ Participate in developmentally appropriate health-related fitness activities
- ◆ Participate in fitness assessment and demonstrate progress toward meeting health-related fitness standards
- ◆ Select and participate in appropriate activities to improve personal fitness levels
- ◆ Describe health benefits that result from regular and appropriate participation in physical activity
- ◆ Demonstrate progression of skill development using manipulatives
- ◆ Demonstrate mature locomotor and nonlocomotor skills
- ◆ Follow class rules and procedures
- ◆ Demonstrate the ability to work alone, with a partner, and with a small group
- ◆ Demonstrate good sportsmanship

ART

- ◆ Produce art in each of the following areas: painting, drawing, sculpture, printmaking and crafts
- ◆ Create artworks using the variables of color, line, shape, space, shading, texture, balance, and emphasis
- ◆ Demonstrate proper care and safe use of art materials and tools
- ◆ Apply concepts and ideas from other disciplines to artwork
- ◆ Recognize artworks of a particular artist, style, or historical period
- ◆ Develop and apply criteria for evaluating artwork
- ◆ Use own ideas and self direction to select materials and techniques appropriate for creating an artwork
- ◆ Sort artwork by categories (e.g., landscape, seascape, still life, portrait)
- ◆ Explain how art reflects the relationship between artists and their culture

Torah Day School of Atlanta

Fifth Grade Curriculum Overview

**For the Commandment
is the lamp
and the Torah
is the light... (Proverbs 6:23)**

**... an affiliate of Torah Umesorah,
National Society
For Hebrew Day Schools**