

## READING

- ◆ Use semantic, structural, picture, phonetic and contextual clues
- ◆ Vary reading technique and rate for purpose and content
- ◆ Evaluate the solution to a story's problem
- ◆ Evaluate actions of individuals or groups
- ◆ Support answers with details from the text
- ◆ Identify the main incidents of a plot, their causes, how they influence future action and how they are resolved
- ◆ Analyze the text's literary elements
- ◆ Compare and contrast texts that are related in some way (same author, era, theme, etc.)
- ◆ Identify themes and lessons in folk tales, tall tales, and fables
- ◆ Identify sensory details and figurative language
- ◆ Evaluate author's choice of title
- ◆ Evaluate text for elements of realism or fantasy
- ◆ Summarize text in a manner that reflects main ideas, significant details, and underlying meaning
- ◆ Determine author's purpose
- ◆ Use common organizational structures such as compare and contrast, cause and effect and chronological order to gain meaning from text
- ◆ Identify and use knowledge of common textual features: paragraphs, topic sentences, concluding sentences, glossary
- ◆ Distinguish among facts, supported inferences and opinions
- ◆ Make perceptive, well-developed connections
- ◆ Listen to, read and discuss a variety of literary styles

## LANGUAGE ARTS

- ◆ Practice correct usage when speaking
- ◆ 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
- ◆ Create paragraphs that guide the readers' understanding of key ideas and evidence and presents effective introductory and concluding sentences, logical sequencing of ideas and transitional words
- ◆ Improve the organization and consistency in ideas among paragraphs by revising writing based on given or self-generated criteria and on others' responses
- ◆ Write friendly and formal letters that address the knowledge and interests of the audience and state the purpose and context
- ◆ Write informational reports for an intended audience and purpose that frame a key question, present a literal understanding of the topic, and include facts and details that illuminate the main idea
- ◆ Write to express personal ideas in stories, poems, plays, etc. that relate ideas, observations or memories using rhyme and rhythm and/or narrative strategies such as dialogue and description
- ◆ Exclude extraneous details and inappropriate information
- ◆ Implement the writing process: prewriting, drafting, revising, editing, publishing
- ◆ Apply spelling knowledge to all areas
- ◆ Practice correct word usage when writing
- ◆ Use and identify the four basic parts of speech: nouns, verbs, adverbs, adjectives
- ◆ Use proper capitalization
- ◆ Use end punctuation, apostrophes, commas and quotation marks appropriately
- ◆ Use correct subject-verb agreement
- ◆ Write in complete sentences
- ◆ Vary sentence structure by kind, order and complexity

## MATHEMATICS

- ◆ Read, write, compare, order, and describe numbers in the millions
- ◆ Identify place value to the millions
- ◆ Use number theory concepts of primes, factors and multiples to show number relationships

- ◆ Read, write and round decimals to the thousandths place
- ◆ Identify and describe the relationship among decimals, fractions and percents and represent them in equivalent forms
- ◆ Identify and describe integers
- ◆ Name multiplication and division facts through 12s
- ◆ Multiply and divide multi-digit numbers by two digit factors or divisors
- ◆ Estimate sums and differences
- ◆ Add and subtract mixed numbers
- ◆ Use order of operations to solve equations
- ◆ Use data to create graphs
- ◆ Compare and analyze different representations of the same data
- ◆ Calculate the mean and median of a data set
- ◆ Accurately measure or draw angles, parallel and perpendicular lines, polygons and circles
- ◆ Compute temperature changes and explain the meaning of negative temperatures
- ◆ Apply formulas and use the appropriate units to measure regular polygons and compound figures
- ◆ Identify and describe the diameter, radius and circumference of a circle
- ◆ Locate points in all four quadrants of a coordinate plane
- ◆ Write a rule to describe the relationship of ordered pairs in a table
- ◆ Arrange, organize and interpret data to solve puzzles, codes and problems
- ◆ Identify computation clues in word problems

## SCIENCE

- ◆ Formulate questions based on scientific knowledge
- ◆ Form inferences based on observations
- ◆ 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 information and skills to new situations
- ◆ Solve Problems using acquired skills
- ◆ Identify and explain the steps of the scientific method
- ◆ Explore scientific themes in Life, Earth and Physical Science

#### SOCIAL STUDIES

- ◆ Create timelines to arrange events in sequence
- ◆ Use cardinal and intermediate directions on a map
- ◆ Identify latitude and longitude
- ◆ Measure and compare distance on a map using scale
- ◆ Identify the 50 states, their capitals and features
- ◆ Identify regions of the U.S.A. and their features
- ◆ Use map legends
- ◆ Study the regional economics of the United States
- ◆ Study United States history from the 1600's to the Civil War

#### TECHNOLOGY

- ◆ 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
- ◆ Use a word processing program to write, edit, load, save and print documents
- ◆ 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

- ◆ Locate and interpret information in reference sources
- ◆ Draw from more than more than once source of information: speakers, books, newspapers, and online materials
- ◆ Acknowledge information from sources

- ◆ Use a variety of reference sources as aids to writing
- ◆ Identify and utilize common graphic features: charts, maps, diagrams, illustrations
- ◆ Classify, summarize and outline information
- ◆ Paraphrase source material
- ◆ Determine meanings of words and alternate word choices using a dictionary and a thesaurus

#### PHYSICAL EDUCATION

- ◆ Participate in developmentally appropriate health-related fitness activities
- ◆ Demonstrate progression of skill development using manipulatives
- ◆ Demonstrate age appropriate level of strength, endurance, flexibility and balance
- ◆ 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

# *Torah Day School of Atlanta*

## **Fourth 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**