

THIRD GRADE CURRICULUM

READING/ LANGUAGE ARTS

Word Level Work

Phonological Awareness, Phonics and Spelling

- Read and spell high frequency words correctly
- Discriminate syllables in reading and spelling

Spelling Strategies

- Identify misspelled word in own writing
- Use independent spelling strategies:
 - build from base words with similar patterns and meanings
 - use word banks, dictionaries, etc.

Spelling Conventions and Rules

- Identify short words within longer words as an aid to spelling
- Investigate, spell and read words with silent letters, e.g. knee, wrinkle
- Recognize and generate compound words and use this knowledge to support spelling
- Recognize and spell common prefixes and suffixes and learn how these influence word meanings
- Use their word knowledge of prefixes and suffixes to generate new words from root words and to understand how they give clues to meaning
- Use the term 'prefix', 'suffix', and 'plural' appropriately
- Use the apostrophe to correctly form contractions

Vocabulary Extension

- Collect new words from reading and work in other subjects and make use of them in reading and writing
- Infer the meaning of unknown words from context and generate a range of possible meanings
- Use dictionaries to learn or check the spellings and definitions of words
- Organize words alphabetically using the first two letters
- Generate synonyms for high frequency words, e.g. big, little, good, nice, nasty
- Learn common vocabulary for introducing and concluding dialogue

Sentence Level Work

Grammatical Awareness

- Use awareness of grammar to decipher new or unfamiliar words, e.g. to predict from the text, read on, leave a gap and return; use these strategies in conjunction with knowledge of phonemes, word recognition and context when reading
- Take account of the grammar and punctuation when reading aloud
- Know the function of verbs, adjectives and pronouns in sentences



READING/ LANGUAGE ARTS

- Use verb tenses with increasing accuracy in speaking and writing
 - Distinguish the 1st, 2nd, 3rd person form of pronouns
- #### Sentence Construction and Punctuation
- Secure knowledge of question marks and exclamation marks
 - Know the basic conventions of speech punctuation
 - Use speech marks and other dialogue punctuation appropriately
 - Investigate how words and phrases can signal time sequences
 - Become aware of the use of commas in marking grammatical boundaries within sentences
 - Understand differences between verbs in the 1st, 2nd and 3rd person
 - Understand the need for grammatical agreement in speech and in writing

Text Level Work

FICTION AND POETRY

Reading Comprehension

- Compare a range of story settings; select words & phrases that describe scenes
- Re-tell main points of story in sequence; compare different stories; evaluate stories and justify their preferences
- Discuss character's feelings, behavior, referring to the text and making judgments
- Compare and contrast works by the same author
- Be aware of authors and discuss preferences and reasons for them
- Learn how dialogue is presented in stories
- Read, prepare and present play scripts
- Read aloud and recite poems
- Distinguish between rhyming and non-rhyming poetry and comment on the impact of lay-out

Writing Composition

- Write simple evaluations of books and discuss, giving reasons
- Plan main points as a structure for story writing, considering how to capture points in a few words that can be elaborated later
- Describe and sequence key incidents in a variety of ways, i.e. by listening, charting, mapping and making simple storyboards
- Write alliterative sequels to traditional stories using the same characters and setting
- Write new or extended verses for performance based on models of 'performance' and oral poetry read
- Begin to organize stories into paragraphs in presentation of dialogue in stories

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READING/ LANGUAGE ARTS- CONTINUED

NONFICTION

Reading Comprehension

- Understand the distinction between fact and fiction; use the terms 'fact', 'fiction' and 'non-fiction' appropriately
- Notice differences in the style and structure of fiction and non-fiction writing
- Identify the different purposes of instructional texts, i.e. recipes, route finders, timetable, instructions, plans, rules
- Read, write and follow simple instructions
- Read examples of letters written for a range of purposes
- Locate books by classification in class or school libraries
- summarize orally in one sentence the content of a passage or text, and the main point it is making

Writing Composition

- Make a simple record of information from texts read
- Explore ways of writing ideas, messages, in shortened forms
- Organize letters into simple paragraphs
- Summarize in writing the content and main point of a passage or text

MATHEMATICS

Number Sense

- Use appropriate math vocabulary
- Compare and order whole numbers, fractions and decimals
- Recognize and compute equivalent fractions
- Apply fractions to problem situations
- Model multiplication
- Use calculators in appropriate computation situations
- Understand and appropriately use the division algorithms
- Model, explain and develop reasonable proficiency with basic facts and algorithms
- Understand the concept of fractions and compute with fractions
- Explore the relationship between decimals and fractions
- Use mental math strategies to solve problems
- Use estimation
- Understand multiplication as repeated addition
- Know basic multiplication facts
- Use multiple strategies to solve a problem
- Write an equation to represent or solve a problem

MATHEMATICS- CONTINUED

Algebraic Thinking

- Recognize, describe and create number geometric patterns
- Represent relationships with models, tables, graphs and rules
- Use manipulatives to model balancing in number sentences
- Explore concept of variable and constant
- Write a number sentence
- Identify a missing piece in a mathematical sentence

Geometry and Measurement

- Select and use the appropriate system of measurement in real life problems
- Compute with and compare money amounts; solve problems involving money
- Apply estimation when working with measurement
- Compare and compute with measurements
- Properties of 2-dimensional and 3-dimensional shapes
- Use visualization to solve problems
- Find the area and perimeter of shapes and explore the relationship between these concepts
- Use metric measurement
- Recognize, draw, construct and classify geometric shapes
- Explore and understand similarity between shapes
- Use a variety of methods of estimation in terms of working with measurement
- Understand the relationship between square units and linear units
- Develop spatial sense

Data Analysis: Statistics and Probability

- Collect, organize and describe data
- Construct, read and interpret displays of data
- Formulate and solve problems that involve collecting and analyzing data
- Interpret results and make predictions and decisions based on data analysis
- Find the average of a set of numbers
- Graph data to show relationships
- Explore probability activities, using concrete materials
- Record data by using a tally sheet

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SCIENCE

Scientific methodology

- Year-long Inquiry/Science Journal
- Providing evidence to support claims
- Data collection/recording
- Make and test predictions ; Systematic investigation
- Use Engineering Design Process in a problem solving build
- Occupations in science & engineering related to IB units

Living Things

- Human body systems & functions, overview; focus on heart and lung systems

Materials & Matter

- Extraction, refinement and uses of earth materials (e.g. coal, ores, oil)

Earth & Space

- Human impact on the environment & earth's surface
- Exploration technology/tools through time
- Material & energy resources: renewable & non renewable

Forces & Energy

- Force, balance and motion
- Magnetism, friction, inertia, weightlessness
- Newton's laws of motion: distance, rate, speed, acceleration, gravity

SOCIAL STUDIES

- Chronologic vocabulary and timelines
- Types of media and influence on behavior and decisions

Community & Government

- Civic Skills: Principles of civic discourse and involvement in decision-making
- Branches of US Government
- Government services

Economics

- Personal finance, economic reasoning, informed choices
- Fundamental economic and microeconomic concepts
- Natural resources



SOCIAL STUDIES- CONTINUED

US History

- Exploration of North America
- Colonization & Settlement era 1584-1763
- West African slave trade

World History

- Exploration of the World (Age of Exploration)
- Motivation for exploration and impact on indigenous peoples
- Famous Explorers, Explorer Biography

Geography

- US states, capitals and territories; Geography of Mexico, Canada, & Caribbean including major cities
- Human-environment interaction, modification, resource extraction & location of resources
- Effects of geography on migration, settlement borders, and land use
- Geographic locations, physical and human features of countries discussed this year

VISUAL ARTS

- Complete art projects that are closely connected to the Units of Inquiry
- Use the basic elements as vocabulary for art making
- Study symbolism in art through color and line
- Complete projects connected to art history and culture
- Study and create works in the style of famous artists