



Mesquite ISD Curriculum Sequence

Third Grade - First Reporting Period

English Language Arts/Reading

Math

Science

Social Studies

Comprehension

ELA procedures and routines; self-monitor comprehension; visualize; preview text to activate background knowledge; use text features (titles, captions, graphics, etc.) to predict the purpose, topic and structure of the text; understand relationship between text and nonfiction features; study text structures and determine why author chose a particular structure (author's purpose); story structure (character traits and changes, setting, plot, etc.); paraphrase themes of stories and plays; compare and contrast literary elements in stories and plays; determine main ideas and supporting details; generalize/draw conclusions and make inferences using context clues; poetry elements; drama and myth

Vocabulary

Use word parts (affixes and roots) and context to determine meaning of unknown words. Study homonyms/homographs.

Reading Fluency

Develop fluency by focusing on accuracy, rate, appropriate phrasing, and expression.

Spelling/Phonics

Spell and decode short vowel syllable patterns (VCC: act, ink; CVC: bat, win; CVCC: land, lift; CCVC: plan, swim; CCVCC: grand, stick); vowel diphthongs ou and oi; ew and oo (crew, smooth); VCe words (smile, flame); and long a spellings ai, ay (plain, stay)

Writing Workshop

Learn procedures, routines and expectations pertaining to writing, review the writing process, generate ideas for writing, build awareness of STAAR expository writing rubric, write an imaginative story, and draft a scene of a play.

Grammar

Recognize and use complete simple sentences with appropriate capitalization and punctuation; correct rambling or run-on sentences; use correct subject/verb agreement; write strong topic sentences with supporting details; combine short sentences by using keywords or words in a series.

3.2A Compose and decompose numbers up to 100,000 as a sum of so many ten thousands, so many thousands, so many hundreds, so many tens, and so many ones using objects, pictorial models, and numbers, including expanded notation as appropriate.

3.2B Describe the mathematical relationships found in the base 10 place value system through the hundred thousands place.

3.2C Represent a number on a number line as being between two consecutive multiples of 10; 100; 1,000; or 10,000 and use words to describe relative size of numbers in order to round whole numbers

3.2D Compare and order whole numbers up to 100,000 and represent comparisons using symbols $<$, $>$, or $=$.

3.4A Solve with fluency one-step and two-step problems involving addition and subtraction within 1,000 using strategies based on place value, properties of operations, and the relationship between addition and subtraction.

3.4B Round to the nearest 10 or 100 or use compatible numbers to estimate solutions to addition and subtraction problems.

3.4C Determine the value of a collection of coins and bills.

3.4D Determine the total number of objects when equally sized groups of objects are combined or arranged in arrays up to ten by ten.

3.4E Represent multiplication facts by using a variety of approaches such as repeated addition, equal sized groups, arrays, area models, equal jumps on a number line, and skip counting.

3.4F Recall facts to multiply up to ten by ten with automaticity and recall the corresponding division facts.

3.5A Represent one and two step problems involving addition and subtraction of whole numbers to 1,000 using pictorial models, number lines, and equations.

3.5B Represent and solve one and two step multiplication and division problems within 100 using arrays, strip diagrams, and equations.

3.5C Describe a multiplication expression as a comparison such as 3×24 represents 3 times as much as 24.

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Scientific Investigation

For 60% of instructional time, students will plan and conduct investigations. They will draw conclusions based on evidence and communicate explanations. A science notebook will be kept to record observations, questions, and explanations.

Physical Science Unit

In this unit, students will:

- Measure, test, and record physical properties of matter, including temperature, mass, magnetism, and the ability to sink or float
- Describe and classify samples of matter as solids, liquids, and gases and demonstrate that solids have a definite shape and that liquids and gases take the shape of their container
- Predict, observe, and record changes in the state of matter caused by heating or cooling
- Explore and recognize that a mixture is created when two materials are combined such as gravel and sand and metal and plastic paper clips
- Explore different forms of energy, including mechanical, light, sound, and heat/thermal in everyday life
- Demonstrate and observe how position and motion can be changed by pushing and pulling objects to show work being done such as swings, balls, pulleys, and wagons

Observe forces such as magnetism and gravity acting on objects

Students will define communities.

Students will identify and use parts of a map and globe.

Students will describe three types of communities.

Students will identify and describe physical features.

Students will describe weather, climate, and forces of nature.

Students will identify the purpose of historic documents.

Students will describe characteristics of good citizenship.



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Social Studies

Comprehension

Question different genres of text to deepen understanding;

summarize text maintaining meaning and sequence; make generalizations, draw conclusions and infer when reading; compare and contrast text structures; use text structure to assist comprehension; consider decisions authors make when writing a text; (author's purpose/craft) predict and set purposes for reading; summarize themes of stories;

visualize; identify cause and effect relationships and use them to predict future events; differentiate between facts and opinions especially in persuasive texts; character study

Vocabulary

Learn to use word parts (affixes and roots) and context to determine meaning of unknown words.

Reading Fluency

Develop fluency by focusing on accuracy, rate, appropriate phrasing, and expression.

Spelling/Phonics

Spell and decode words using long e, i, and o spellings; consonant digraphs ch, sh, tch, th, wr, and ck; the soft sounds of g (gym) and c (price); words with blends and digraphs (stretch, splash); and words with the schwa sound (another, upon)

Writing Workshop

Write personal narratives, responses to literature, and persuasive letters/paragraphs.

Grammar

Combine sentences with compound subjects and predicates; write compound sentences; distinguish between declarative interrogative, imperative and exclamatory sentences; study nouns: common and proper, singular and plural, possessive and specific (dog vs. poodle); use pronouns and possessive pronouns correctly. Learn to use action verbs, helping verbs, and linking verbs correctly as well as past, present, and future tenses of verbs. Use appropriate conventions when writing letters and correctly capitalize abbreviations.

3.1A Apply mathematics to problems arising in everyday life, society, and the workplace.

3.1B Use a problem solving model that incorporates analyzing given information, formulating a plan or strategy, determining the solution, and evaluating the problem solving process and reasonableness of solution.

3.1D Communicate mathematical ideas, reasoning, and their implications using multiple representations, including symbols, diagrams, graphs, and language as appropriate.

3.4F Recall facts to multiply up to ten by ten with automaticity and recall the corresponding division facts.

3.4G Use strategies and algorithms, including the standard algorithm, to multiply a two digit number by a 1 digit number, strategies may include mental math, partial products, and the commutative, associative, and distributive properties.

3.4H Determine the number of objects in each group when a set of objects is partitioned into equal shares or a set of objects is equally shared.

3.4I Determine if a number is even or odd using divisibility rules.

3.4J Determine a quotient using the relationship between multiplication and division.

3.4K Solve one step and two step problems involving x and division within 100 using strategies based on objects, pictorial models, including arrays, area models, and equal groups, properties of operation, or recall facts.

3.5B Represent and solve one and two step multiplication and division problems within 100 using arrays, strip diagrams, and equations.

3.5D Determine the unknown whole number in a multiplication or division equation relating three whole numbers when the unknown is either a missing factor or product.

Earth Science Unit

In this unit, students will:

- Explore and record how soils are formed by weathering of rock and the decomposition of plant and animal remains

- Investigate rapid changes in Earth's surface such as volcanic eruptions, earthquakes, and landslides

- Identify and compare different landforms, including mountains, hills, valleys, and plains

- Explore the characteristics of natural resources such as water that make them useful in products and processes and how resources may be conserved

- Observe, measure, record, and compare day-to-day weather changes in different locations at the same time that include air temperature, wind direction, and precipitation

Describe and illustrate the Sun as a star composed of gases that provides light and heat energy for the water cycle

- Construct models that demonstrate the relationship of the Sun, Earth, and Moon, including orbits and positions

- Identify the planets in Earth's solar system and their position in relation to the Sun

Activities to integrate science process skills and Earth science content during this unit will include using stream tables to

Students will identify the first settlers of America.

Students will identify early explorers.

Students will explain English settlements in America.

Students will describe American independence.

Students will explain the three branches of government.

		model how water moves Earth materials from one location to another.	
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