



Mesquite ISD Curriculum Sequence 4C

4th Grade – 4th Six Weeks

| English Language Arts/Reading | Math | Social Studies | Science |
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| <p style="text-align: center;">Comprehension</p> <p>Understand, make inferences, and draw conclusions about the structure and elements of fiction (myths, tall tales, realistic and historical fiction); sequence and summarize plots' main events; explain how one event can lead to the next; describe character changes and interactions; identify if story is told from first person or third person perspective; compare and contrast adventures and exploits of characters in traditional and classical literature; summarize and explain the message or lesson of a piece of fiction as its theme. Elements of poetry and drama will also be studied.</p> <p style="text-align: center;">Reading Fluency</p> <p>Develop fluency by focusing on accuracy, rate, appropriate phrasing, and expression.</p> <p style="text-align: center;">Writing Workshop</p> <p>Continue working through the writing process, generating ideas for writing, building awareness of STAAR writing expectations, writing personal narratives using appropriate organization, a variety of sentence lengths and structure and establishing "voice" that is unique to the writer. Imaginative stories and poetry will also be written.</p> <p style="text-align: center;">Grammar</p> <p>Use appropriate time order transition words and phrases, words that indicate a conclusion, compound sentences with coordinating and correlative conjunctions and proper use of commas. Incorporate correctly punctuated dialogue into writing, use correct subject/verb agreement in simple and compound sentences, and recognize and use punctuation in poetry.</p> <p style="text-align: center;">Spelling</p> <p>Sort and spell words with hard and soft "c" and "g" (city./candy, guest/gymnasium); words with -ion and -ial endings; VCe and VVC words with -ing and other inflected ending; contractions; words with dge/ge and tch/ch (edge/cage, watch/each); inflected endings(-ed and -ing) added to Y-ending words.</p> <p style="text-align: center;">Vocabulary</p> <p>Learn to use word parts (affixes and roots) as well as context to determine meaning of unknown words</p> | <p>Represent multiplication and division situations in picture, word, and number form (4.4B)</p> <p>Use division to solve problems. (4.4E)</p> <p>Identify and describe angles(4.8A)</p> <p>Identify and describe lines (4.8B)</p> <p>Use essential attributes to define two and three dimensional figures (4.8C)</p> <p>Estimate and use measurement tools to determine length, area, capacity, and weight/mass. (4.11A)</p> <p>Perform simple conversions within the customary measurement system. (4.11B)</p> <p>Use tools to solve problems involving elapsed time. (4.12B)</p> <p>Identify the mathematics in everyday situations (4.14A)</p> <p>Solve Problems that incorporate understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness. (4.14B)</p> <p>Select of develop an appropriate problem solving plan (4.14C)</p> <p>Use tools such as real objects, manipulative materials, and technology to solve problems (4.14 D)</p> <p>Explain and record observations using objects, words, pictures, numbers, and technology (4.15A)</p> <p>Relate informal language to mathematical language and symbols (4.15B)</p> <p>Make generalizations form patterns or sets of examples and non-examples(4.16A)</p> <p>Justify why an answer is reasonable(4.16B)</p> | <p>Week 1 (6 Days): Texas and the Civil War/ Reconstruction Conflicts are the result of political, social, and economic differences.</p> <p>Identify, describe, and analyze causes of the Civil War and its impact on Texas including Reconstruction by examining pictures, maps, and selected readings.</p> <p>Week 2 (4 Days): Texas and the Indian Wars Conflicts are the result of political, social, and economic differences.</p> <p>Examine, describe, and analyze the effects upon the American Indian life resulting from changes in Texas by reading selected passages, pictures, and graphic organizers.</p> <p>Weeks 3 and 4 (8 Days): Cowboys on the Frontier Frontiers provide new opportunities for settlement and economic growth.</p> <p>Identify, explain, and describe the important components of a Texas ranch by viewing a video, creating a foldable, creating a mock ranch, and writing a letter.</p> <p>Week 4: Cattle Drive of Texas Frontiers provide new opportunities for settlement and economic growth.</p> <p>Explain, summarize, develop how the cattle trail helped build the Texas cattle business until the closing of the open range by creating a cause/effect chart and concept wheel, completing a foldable and writing an expository composition.</p> <p>Week 5 (4 Days): Railroad Reach Texas Resources of the Texas frontier advance the development of business and industry.</p> <p>Analyze, describe, and explain the development and impact of the oil and gas industry upon industrialization and urbanization in Texas by reading selected passages, photographs, and maps.</p> | <p><u>Earth Science Unit</u> (cont. from 3rd 6-weeks)</p> <p>In this unit, students will:</p> <ul style="list-style-type: none"> • Examine properties of soils, including color and texture, capacity to retain water, and ability to support the growth of plants • Observe and identify slow changes to Earth's surface caused by weathering, erosion, and deposition from water, wind, and ice • Identify and classify Earth's renewable resources, including air, plants, water, and animals; and nonrenewable resources, including coal, oil, and natural gas; and the importance of conservation • Measure and record changes in weather and make predictions using weather maps, weather symbols, and a map key • Describe and illustrate the continuous movement of water above and on the surface of Earth through the water cycle and explain the role of the Sun as a major source of energy in this process • Collect and analyze data to identify sequences and predict patterns of change in shadows, tides, seasons, and the observable appearance of the Moon over time <p>Activities to integrate science process skills and Earth science content during this unit will include doing investigations with stream tables to observe the processes of weathering and erosion, the water cycle and to test properties of soils.</p> |



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4th Grade – 5th Six Weeks

| English Language Arts/Reading | Math | Social Studies | Science |
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| <p style="text-align: center;">Comprehension</p> <p>Read informational texts; explain the difference between a stated and implied purpose for expository text; summarize the main ideas and supporting details in a way that maintains meaning; draw conclusions from the facts presented in the text; distinguish fact from opinion and explain how to verify what a fact is; describe explicit and implicit cause and effect relationships; and use text features to locate information, make and verify predictions about the text's content. Review media literacy; explain positive and negative impacts of advertising techniques and how techniques (pacing, close-ups, etc.) influence the message. Review literary nonfiction (biographies and autobiographies); compare those characters and their experiences to ones from fiction. Review procedural text; determine sequence of activities needed to carry out procedure; explain factual information presented graphically (charts, diagrams, graphs, etc.).</p> <p style="text-align: center;">Reading Fluency</p> <p>Develop fluency by focusing on accuracy, rate, appropriate phrasing, and expression.</p> <p style="text-align: center;">Writing Workshop</p> <p>Write brief expository papers; establish one central idea; include a concluding statement; and support the topic with simple facts, details and explanations. Write personal narrative including why the event was important or what was learned from it. STAAR writing test in 5th week. Write procedural text.</p> <p style="text-align: center;">Grammar</p> <p>Review coordinating and correlative conjunctions in compound sentences with correct use of commas; use correct subject/verb agreement; use prepositions and prepositional phrases to convey location, time and direction; and use apostrophes.</p> <p style="text-align: center;">Spelling</p> <p>Sort and spell words with oi/oy; words that end with -ment and -ly; compound words; words with /ow/ spelled "ou" or "ow"; words with <i>ar, are, air</i>; and words with <i>er, ear, and eer</i>.</p> <p style="text-align: center;">Vocabulary</p> <p>Learn to use word parts (affixes and roots) as well as context to determine meaning of unknown words.</p> | <p>Use strategies including rounding and compatible numbers to estimate solutions to multiplication and division problems(4.5B)</p> <p>Determine all possible combinations in a problem situation. (4.13A)</p> <p>Interpret bar graphs (4.13B)</p> <p>Identify the mathematics in everyday situations (4.14A)</p> <p>Solve Problems that incorporate understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness. (4.14B)</p> <p>Select of develop an appropriate problem solving plan (4.14C)</p> <p>Use tools such as real objects, manipulative materials, and technology to solve problems (4.14 D)</p> <p>Explain and record observations using objects, words, pictures, numbers, and technology (4.15A)</p> <p>Relate informal language to mathematical language and symbols (4.15B)</p> <p>Make generalizations form patterns or sets of examples and non-examples(4.16A)</p> <p>Justify why an answer is reasonable(4.16B)</p> <p>Review of each Reporting Category for the STAAR test</p> | <p>Week 1: Growth and Changes Texas resources advance the development of business and industry.</p> <p>Describe, explain, and predict the impact of scientific discoveries and innovations affected Texas by analyzing images of inventions, using a cause/effect graphic organizer, and creating and interpreting bar/line graphs and pictographs.</p> <p>Week 2: Texas and Word War I Social, economic, and political differences can lead to war.</p> <p>Identify the impact of various issues and events on life in Texas by annotating a map, creating a cause/effect flow chart, and graphic organizers.</p> <p>Week 3: Texas and the Roaring Twenties Eras help describe historic times.</p> <p>Summarize and identify accomplishments and contributions of notable individuals by creating a semantic web map, researching a notable individual, fill out a graphic organizer focusing on the PEGS.</p> <p>Week 4: Texas and Hard Times Citizens often demand their government relieve extreme national economic hardships.</p> <p>Describe, explain, and analyze the causes and effects of the Great Depression, the Dust Bowl, & the New Deal by compare/contrast, following cause/effects, and comparing opinions of two perspectives.</p> <p>Week 5: Texans in World War II Social, economic, and political differences can lead to war.</p> <p>Sequence important events in the world and in Texas and review primary and secondary sources including artifacts.</p> <p>Week 6: Texans Move Forward Social equality and industry help to advance a nation.</p> <p>Identify reasons for and the impacts of urbanization, increased use of oil and gas, and the growth of aerospace and other technology industries using main idea and details, cause/effect and compare/contrast.</p> | <p><u>Life Science Unit</u> (5th & 6th 6-weeks)</p> <p>In this unit, students will:</p> <ul style="list-style-type: none"> • Investigate that most producers need sunlight, water, and carbon dioxide to make their own food, while consumers are dependent on other organisms for food • Describe the flow of energy through food webs, beginning with the Sun, and predict how changes in the ecosystem affect the food web such as a fire in a forest • Explore how adaptations enable organisms to survive in their environment such as comparing birds' beaks and leaves on plants • Demonstrate that some likenesses between parents and offspring are inherited, passed from generation to generation such as eye color in humans or shapes of leaves in plants. Other likenesses are learned such as table manners or reading a book and seals balancing balls on their noses • Explore, illustrate, and compare life cycles in living organisms such as butterflies, beetles, radishes, or lima beans <p>Activities to integrate science process skills and life science content during this unit will include observing and comparing the habitats, needs, physical structures and behaviors of frogs, fiddler crabs and millipedes.</p> |



Mesquite ISD Curriculum Sequence 4C

4th Grade – 6th Six Weeks

| English Language Arts/Reading | Math | Social Studies | Science |
|---|--|--|--|
| <p style="text-align: center;">Comprehension</p> <p>Review reading skills and strategies based on data; take the STAAR Reading Assessment; read fiction (novels); explain the importance of story elements (character traits and changes, setting, plot, etc.) and predict how a plot will develop; determine character traits based on text; read persuasive text and explain how the author is using language to present information to influence what the reader thinks or does; read poetry and describe how the author's use of similes and metaphors produces imagery; how structural elements relate to a particular form of poetry.</p> <p style="text-align: center;">Reading Fluency</p> <p>Develop fluency by focusing on accuracy, rate, appropriate phrasing, and expression.</p> <p style="text-align: center;">Writing Workshop</p> <p>Work through the writing process to generate ideas for writing; write personal and business letters using correct letter conventions; write imaginative stories; write a persuasive paragraph; and poetry.</p> <p style="text-align: center;">Grammar</p> <p>Use proper capitalization and punctuation in letter writing; review abbreviations; use reflexive pronouns correctly; use coordinating and correlative conjunctions with commas in compound sentences; review subject/verb agreement; review adjectives, adverbs, irregular verbs and punctuation in poetry.</p> <p style="text-align: center;">Spelling</p> <p>Sort and spell words with <i>ir, ire, ier</i>; multisyllabic words; words with <i>or, ore, oar</i>; words with <i>ur, ure ur-e</i>; and words with silent beginning consonants (kn, wr, gn).</p> <p style="text-align: center;">Vocabulary</p> <p>Learn to use word parts (affixes and roots) as well as context to determine meaning of unknown words.</p> | <p>Recall and apply multiplication facts through 12 x 12. (4.4C)</p> <p>Generate equivalent fractions. (5.2A)</p> <p>Compare two fractional quantities in problem-solving situations. (5.2C)</p> <p>Use multiplication to solve problems. (5.3B)</p> <p>Use division to solve problems. (5.3C)</p> <p>Identify common factors. (5.3D)</p> <p>Identify the mathematics in everyday situations (4.14A)</p> <p>Solve Problems that incorporate understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness. (4.14B)</p> <p>Select of develop an appropriate problem solving plan (4.14C)</p> <p>Use tools such as real objects, manipulative materials, and technology to solve problems (4.14 D)</p> <p>Explain and record observations using objects, words, pictures, numbers, and technology (4.15A)</p> <p>Relate informal language to mathematical language and symbols (4.15B)</p> <p>Make generalizations form patterns or sets of examples and non-examples(4.16A)</p> <p>Justify why an answer is reasonable(4.16B)</p> | <p>Week 1: The Texas Economy</p> <p>Describe the development of the free enterprise system in Texas. Describe how the free enterprise system works and give examples of the benefits of the free enterprise system.</p> <p>Week 2: Technology in Texas</p> <p>Identify and explain the interdependence of Texas and the United States and the world in the areas of transportation, communication, and the purchasing of products.</p> <p>Week 3: STAAR Testing Week</p> <p>Week 4: Fourth, Fifth, and Sixth Six Weeks Review</p> <p>Week 5: Important Political Texans and CBA Test</p> <p>Identify important individuals who have participated voluntarily in civic affairs at state and local levels.</p> <p>Week 6: Local, State, and Federal Government</p> <p>Identify and explain the basic functions of the three branches of state government.</p> <p>Weeks 7 and 8: A Celebration of Texas</p> <p>Summarize and describe the political, economic, geography, and social elements of Texas today.</p> | <p><u>Life Science Unit</u> (cont. from 5th 6-weeks)</p> <p>See 5th 6-weeks for content.</p> |