

**Grade 4 Yearly Plan 2019-2020**

September 2018					
English Language Arts	Math				
<p><b>“Reaching out” Unit</b>  <b>Reading Literature &amp; Informational Text</b></p> <ul style="list-style-type: none"> <li>• Story Structure, Summarizing, Point of view, Flashback, Author’s purpose, explain historical events, idioms</li> </ul> <p><b>Reading Foundational Skills</b></p> <ul style="list-style-type: none"> <li>• Decoding               <ul style="list-style-type: none"> <li>○ The VCV and VCCV syllable pattern</li> </ul> </li> <li>• Fluency               <ul style="list-style-type: none"> <li>○ Accuracy, self correction, pauses</li> </ul> </li> </ul> <p><b>Listening &amp; Speaking</b></p> <ul style="list-style-type: none"> <li>• Sharing similar stories, listing text details, citing text evidence to support a view</li> </ul> <p><b>Language Foundational Skills</b></p> <ul style="list-style-type: none"> <li>• Vocabulary               <ul style="list-style-type: none"> <li>○ Prefixes re-, un-, dis-, in-, im-, il-, ir</li> </ul> </li> <li>• Spelling words</li> <li>• Grammar               <ul style="list-style-type: none"> <li>○ What is a sentence?, kinds of sentences, quotations</li> </ul> </li> </ul> <p><b>Writing</b></p> <ul style="list-style-type: none"> <li>• Narrative Writing               <ul style="list-style-type: none"> <li>○ Descriptive Paragraph, story, dialogue, fictional narrative</li> <li>○ Focus Traits: Word Choice, voice</li> </ul> </li> </ul>	<p><b>Critical Area: Place value and operations with whole numbers</b></p> <p>Chapter 1: Place value, addition and subtraction to one million</p> <ul style="list-style-type: none"> <li>• Model place value relationships <input type="checkbox"/> Rename numbers</li> <li>• Read and write numbers <input type="checkbox"/> Add whole numbers</li> <li>• Compare and order numbers <input type="checkbox"/> Subtract whole numbers</li> <li>• Round numbers <input type="checkbox"/> Problem Solving</li> </ul> <p>Chapter 2: Multiply by 1-digit numbers</p> <ul style="list-style-type: none"> <li>• Algebra: Multiplication comparisons <input type="checkbox"/> Multiply tens, hundreds, thousands</li> <li>• Comparison problems</li> </ul> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">Science</th> <th style="width: 50%; text-align: center;">Social Studies</th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;"> <p><b>Engineering and Technology Unit</b></p> <ul style="list-style-type: none"> <li>• How do engineers define problems?</li> <li>• How do engineers design solutions?</li> <li>• How do engineers test and improve prototypes?</li> </ul> </td> <td style="vertical-align: top;"> <p><b>Unit 1: “Geography of the United States”</b></p> <ul style="list-style-type: none"> <li>• Land and Regions in the United States</li> <li>• Weather and Climate</li> <li>• Regions and Resources</li> <li>• People and the Land</li> <li>• Geography of the Gulf Countries</li> </ul> </td> </tr> </tbody> </table> <p style="text-align: center;"><b>Global Citizenship</b></p>	Science	Social Studies	<p><b>Engineering and Technology Unit</b></p> <ul style="list-style-type: none"> <li>• How do engineers define problems?</li> <li>• How do engineers design solutions?</li> <li>• How do engineers test and improve prototypes?</li> </ul>	<p><b>Unit 1: “Geography of the United States”</b></p> <ul style="list-style-type: none"> <li>• Land and Regions in the United States</li> <li>• Weather and Climate</li> <li>• Regions and Resources</li> <li>• People and the Land</li> <li>• Geography of the Gulf Countries</li> </ul>
Science	Social Studies				
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<p><b>Notes/ Reflection</b></p>					

October 2017

**English Language Arts**

**“Reaching Out” Unit continued/ “Tell Me More” Unit  
Reading Literature & Informational Text**

- cause and effect, interpret visuals, theme, allusion, elements of drama, hyperbole, predict
- Story structure, infer/predict, elements of drama, formal and informal language, fact and opinion, summarize, understanding characters, visualize

**Reading Foundational Skills**

- Decoding
  - open and closed syllables, homophones, Common consonant patterns: digraphs, clusters, stressed and unstressed syllables
- Fluency
  - intonation, expression, phrasing, stress

**Listening & Speaking**

- recount an experience, literature discussion, paraphrasing a particular part, identifying supporting reasons, telling similar stories

**Language Foundational Skills**

- Vocabulary
  - non-, mis-, using context, reference materials, Suffixes - y, -ous, Greek and Latin word parts, Figurative language
- Spelling words
- Grammar
  - fragments and run-on sentences, proper nouns, verbs, verb tenses, progressive verb tenses

**Writing**

- Narrative Writing
  - imaginative story
  - Focus Traits: ideas, organization
- Informative Writing
  - Informative writing, news report, informational paragraph
  - Focus Traits: ideas, word choice

**Math**

**Critical Area: Place value and operations with whole numbers**

Chapter 2 continued: Multiply by 1-digit numbers

- Estimate products  Multiply 2-digit numbers with
- Multiply using the distributive property regrouping
- Multiply using expanded form  Multiply 3-digit and 4-digit
- Multiply using partial product numbers with regrouping
- Multiply using mental Math  Solve multistep problems using
- Multistep multiplication problems equations

Chapter 3: Multiply 2-digit numbers

- Multiply by tens  Area models and partial products
- Estimate products

**Science**

**Energy Unit**

- What is energy?
- How is energy transferred?
- How do collisions show energy?

**Social Studies**

**Unit 2: “Americans and Their History”**

- America and Europe
- A New Nation
- Growth and Civil War
- The United States Becomes a World Power
- The United States Since World War II
- History of the Gulf Countries

**Global Citizenship**

Notes/ Reflection

**November 2018**

**English Language Arts**

**“Tell Me More” Unit continued/ “Inside Nature” Unit  
Reading Literature & Informational Text**

- point of view, theme, conclusions and generalizations, humor author’s purpose, simile and metaphor, text and graphic features, infer/predict, explain scientific ideas, text structure, sequence of events, visualize, conclusions and generalizations, author’s word choice, simile and metaphor

**Reading Foundational Skills**

- Decoding
  - vowels +r in multi-syllable words, Compound words, base words and endings, recognizing common word parts
- Fluency
  - accuracy, intonation, punctuation, rate, phrasing: pauses

**Listening & Speaking**

- identifying text evidence, recount an experience, paraphrasing, identifying supporting reasons and evidence, discussing the text, reviewing key ideas

**Language Foundational Skills**

- Vocabulary
  - antonyms, shades of meaning, Suffixes: -ful, -less, -ness, -ment, synonyms, Greek and Latin word parts
- Spelling Words
- Grammar
  - compound and complex sentences, pronouns, frequently confused words, possessive nouns, modal auxiliaries

**Writing**

- Informative Writing
  - explanatory essay (prewrite, draft, revise, edit, publish), book report
  - Focus Traits: organization
- Opinion Writing
  - Persuasive paragraph, problem solution composition, persuasive letter
  - Focus Traits: ideas, voice

**Math**

**Critical Area: Place value and operations with whole numbers**

Chapter 3 continued: Multiply 2-digit numbers

- Multiply using partial products  Choose a multiplication method
- Multiply with regrouping  Multiply 2-digit numbers

Chapter 4: Divide 1-digit numbers

- Estimate quotients using multiples  Division and the distributive property
- Remainders  Divide using repeated subtraction
- Interpret the remainders  Divide using partial quotients
- Divide tens, hundreds and thousands
- Estimate quotients using compatible numbers

**Science**

**Waves and information transfer Unit**

- What are waves?
- How does light reflect?
- How is information transferred from place to place?

**Social Studies**

**Unit 3: “Government in the United States”**

- Principles of American Government
- How American Government Works
- Rights and Responsibilities of American Citizens
- Governments in the GCC

**Global Citizenship**

**Notes/ Reflection**

**December 2018**

**English Language Arts**

**Math**

**“Inside Nature” Unit continued**

**Reading Literature & Informational Text**

- Text and graphic features, question, explain scientific concepts and ideas, author’s purpose, main ideas and details, monitor/clarify, analyze an argument

**Reading Foundational Skills**

- Decoding
  - *Recognizing suffixes, three syllable words*
- Fluency
  - Stress, expression

**Listening & Speaking**

- Listen to make connections, summarize ideas

**Language Foundational Skills**

- Vocabulary
  - Suffixes - able, -ible, using context
- Spelling: final long e, changing final y to i
- Grammar
  - Participles, irregular verbs

**Writing**

- Opinion Writing
  - Persuasive essay: prewrite, draft, revise, edit, publish
  - Focus Traits: organization, ideas

**Critical Area: Place value and operations with whole numbers**

Chapter 4 continued: Divide 1-digit numbers

- Model division with regrouping  Divide by 1-digit number
- Place the first digit  Multistep division problems

Chapter 5: Factors, multiples and patterns

- Model factors  Factors and multiples
- Factors and divisibility  Prime and composite numbers
- Common factors  Number patterns

**Critical Area: Fractions and decimals**

Chapter 6: Fraction equivalence and comparison

- Equivalent fractions  Simplest form
- Generate equivalent fractions

<b>Science</b>	<b>Social Studies</b>
<p><b>Plant structure and function Unit</b></p> <ul style="list-style-type: none"> <li>• What are some plant parts and how do they function?</li> <li>• How do plants grow and reproduce?</li> </ul>	<p><b>Unit 4: “The Economy”</b></p> <ul style="list-style-type: none"> <li>• What is the Economy?</li> <li>• Trade and Market</li> <li>• People and the Economy</li> <li>• A Global Economy</li> <li>• The Economy of the Gulf Countries</li> </ul>

**Global Citizenship**

**Notes/ Reflection**

January 2019

**English Language Arts**

**Math**

**“Unbreakable Spirit” Unit**

**Reading Literature & Informational Text**

- Compare and contrast, monitor/clarify, personification, historical fiction, sequence of events, summarize, main idea and details, story structure, theme, allusion

**Reading Foundational Skills**

- Decoding
  - *sound/spelling changes, recognizing prefixes re-, un-, dis-*
- Fluency
  - Rate, intonation, accuracy and self correction

**Listening & Speaking**

- Reviewing key ideas, paraphrasing

**Language Foundational Skills**

- Vocabulary
  - Figurative language, suffixes -ion, -ation, -ition, adages and proverbs
- Spelling: /k,/ng,/kw, words with final /j and /s, prefixes: re-, un-, dis-
- Grammar
  - Adjectives, adverbs, prepositions and prepositional phrases

**Writing**

- Narrative Writing
  - Descriptive paragraph, friendly letter, story
  - Focus Traits: ideas, voice, word choice

**Critical Area: Fractions and decimals**

Chapter 6 continued: Fraction equivalence and comparison

- Common denominators  Compare fractions
- Find equivalent fractions  Compare and order fractions
- Compare fractions using benchmarks

Chapter 7: Add and subtract fractions

- Add and subtract parts of a whole  Add and subtract fractions
- Write fractions as sums  Rename fractions and mixed numbers
- Add fractions using models
- Subtract fractions using models  Add and subtract mixed numbers

**Science**

**Social Studies**

**Continue and complete: Plant structure and function Unit**

- What are some plant parts and how do they function?
- How do plants grow and reproduce?

**Animal structure and function Unit**

- What are some external structures of animals

**Unit 5: “Regions: The Northeast”**

- The Land of the Northeast
- Resources in the Northeast
- Birthplace of the Nation
- Growth and Change in the Northeast
- The Northeast Today
- Building Cities in the GCC

**Global Citizenship**

**Notes/ Reflection**

February 2019

**English Language Arts**

**“Unbreakable Spirit” Unit continued/ “Change It Up” Unit  
Reading Literature & Informational Text**

- Conclusions and generalizations, infer/predict, idioms, problem and solution, main ideas and details, visualize, onomatopoeia, text structure, theme, summarize, idioms, point of view, cause and effect, infer/predict, conclusion and generalization

**Reading Foundational Skills**

- Decoding
  - More common suffixes, VCCV pattern and word parts, VCV pattern and word parts, syllable patterns and word parts
- Fluency
  - Stress, phrasing: punctuation, accuracy, phrasing: pauses

**Listening & Speaking**

- Discussing text details, citing text reasons and evidence, telling similar stories, paraphrasing particular part

**Language Foundational Skills**

- Vocabulary
  - Reference materials, shades of meaning, using context, adages and proverbs
- Spelling Words
- Grammar
  - Relative pronouns and adverbs, abbreviations, comparative and superlative adjectives and adverbs, negatives

**Writing**

- Narrative Writing
  - Personal narrative: prewrite, draft, revise, edit, publish
  - Focus Traits: organization, ideas
- Informative Writing
  - Summary, explanation
  - Focus Traits: ideas, sentence fluency

**Math**

**Critical Area: Fractions and decimals**

Chapter 7 continued: Add and subtract fractions

- Subtraction with renaming □ Multistep fraction problems
- Fractions and properties of addition

Chapter 8: Multiply fractions by whole numbers

- Multiples of unit fractions
- Multiples of fractions
- Multiply a fraction by a whole number using models
- Multiply a fraction or mixed number by a whole number
- Comparison problems with fractions

<b>Science</b>	<b>Social Studies</b>
<p><b>Continued: Animal structure and function Unit</b></p> <ul style="list-style-type: none"> <li>• What are some internal structures of animals?</li> <li>• How do senses work?</li> </ul> <p><b>Changes to Earth's surface Unit</b></p> <ul style="list-style-type: none"> <li>• How does water shape Earth's surface?</li> </ul>	<p><b>Unit 6: “Regions: The Southeast”</b></p> <ul style="list-style-type: none"> <li>• Land and Water of the Southeast</li> <li>• Climate of the Southeast</li> <li>• A Land of Many Resources</li> <li>• Settling the Southeast</li> <li>• Southern Life</li> <li>• The Southeastern Region of the GCC</li> </ul>
<b>Global Citizenship</b>	

**Notes/ Reflection**

March 2019

**English Language Arts**

**Math**

**“Change it up” Unit continued**

**Reading Literature & Informational Text**

- Text and graphic features, monitor/clarify, similes, text structure, compare and contrast, fact and opinion, author’s word choice, author’s purpose, science fiction, formal and informal language

**Reading Foundational Skills**

- Decoding
  - *Difficult VCCV patterns, VV pattern, VCCCV pattern*
- Fluency
  - Stress, intonation, adjust rate to purpose

**Listening & Speaking**

- Explaining the text, recounting a similar experience, identifying reasons and text evidence

**Language Foundational Skills**

- Vocabulary
  - prefixes : pre-, inter-, ex-, suffixes: -ed, -ly, Greek and Latin word parts
- Spelling: words with VCCV pattern, VCCCV pattern, words with VV pattern
- Grammar
  - punctuation , commas, proper mechanics

**Writing**

- Informative Writing
  - Procedural composition, research report
  - Focus Traits: organization, ideas, word choice

**Critical Area: Fractions and decimals**

Chapter 9: Relate fractions and decimals

- Relate tenths and decimals  Money
- Relate hundredths and decimals  Add fractional parts of 1 and 100
- Equivalent fractions and decimals  Compare decimals
- Relate fractions, decimals and money

**Science**

**Social Studies**

**Continued: Changes to Earth’s surface Unit**

- How do other factors shape Earth’s surface?
- How can maps help us learn about Earth’s surface?
- What patterns do maps show us?

**Unit 7: “Regions: The Midwest”**

- In the Heart of America
- Resources and Farming
- Settling in the Midwest
- The Midwest on the Move
- Landforms in the Arabian Peninsula

**Global Citizenship**

**Notes/ Reflection**

April 2019

**English Language Arts**

**“Paths to discovery” Unit**

**Reading Literature & Informational Text**

- Story structure, visualize, point of view, main idea/details, question, word choice

**Reading Foundational Skills**

- Decoding
  - *Common final syllables, more final syllables*
- Fluency
  - Expression, phrasing: punctuation

**Listening & Speaking**

- Paraphrasing main points, reviewing key ideas to support a point

**Language Foundational Skills**

- Vocabulary
  - Greek and Latin word parts, analogies
- Spelling: Final Schwa +/r/ sound, Final Schwa +/l/ sound
- Grammar
  - Making comparisons, more comparisons

**Writing**

- Opinion Writing
  - Response to fiction, journal entry
  - Focus Traits: word choice, voice

**Math**

**Critical Area: Geometry, measurement and data**

Chapter 10: Two-dimensional figures

- Lines, rays and angles  Line symmetry
- Classify triangles by angles  Find and draw lines of symmetry
- Parallel lines and perpendicular lines  Shape patterns
- Classify quadrilaterals

Chapter 11: Angles

- Angles and fractional parts of a circle  Join and separate angles
- Degrees  Unknown angle measures
- Measure and draw angles

**Science**

**Rocks and fossils Unit**

- How do rock layers change?
- What do fossils tell us about ancient environments?
- What are some patterns fossils show us?

**Social Studies**

**Unit 8: “Regions: The Southwest”**

- Southwestern Land and Water
- Climate of the Southwest
- The Southwest’s Past
- Growth of the Southwest
- Life in a Dry Land
- The Southwestern Regions of the GCC

**Global Citizenship**

**Notes/ Reflection**



May 2019

**English Language Arts**

**Math**

**“Paths to Discovery” Unit continued**

**Reading Literature & Informational Text**

- Fact and opinion, monitor/clarify, tone, understanding characters, infer/predict, mood

**Reading Foundational Skills**

- Decoding
  - *Stress in multisyllabic words, words with silent consonants*
- Fluency
  - Rate, phrasing: pauses

**Listening & Speaking**

- Make a informal presentation, discuss symbols and images in media

**Language Foundational Skills**

- Vocabulary
  - Prefixes: con-, com-, in-, im, word origins
- Spelling: three-syllable words, words with silent consonants
- Grammar
  - Possessive pronouns, correct pronouns

**Writing**

- Opinion Writing
  - Public service announcement, opinion essay
  - Focus Traits: organization, ideas

**Critical Area: Geometry, measurement and data**

Chapter 12: Relative sizes of measurement units

- |  |                          |                      |
|--|--------------------------|----------------------|
| • Measurement benchmarks and liquid        | <input type="checkbox"/> | Metric units of mass |
| • Customary units of length volume         |                          |                      |
| • Customary units of weight                | <input type="checkbox"/> | Units of time        |
| • Customary units of liquid volume         | <input type="checkbox"/> | Elapsed time         |
| • Line plots                               | <input type="checkbox"/> | Mixed measures       |
| • Metric units of length measurement units | <input type="checkbox"/> | Patterns in          |

Chapter 13: Perimeter and area

- |                        |                          |                  |
|------------------------|--------------------------|------------------|
| • Perimeter rectangles | <input type="checkbox"/> | Area of combined |
| • Area                 |                          |                  |

**Science**

**Social Studies**

**Continued: Rocks and fossils Unit**

- What are some patterns fossils show us?

**Natural resources and hazards Unit**

- What nonrenewable resources are used for energy?
- What renewable resources are used for energy?
- How can people reduce the impact of land-based hazards?

**Unit 9: “Regions: The West”**

- A Varied Land
- Climate of the West
- Western Resources
- Growth of the West
- The West Today
- The Western Regions of the GCC

**Global Citizenship**

**Notes/ Reflection**



June 2019

**English Language Arts**

**Math**

**“Paths to Discovery” Unit continued**

**Reading Literature & Informational Text**

- conclusions/generalization

**Reading Foundational Skills**

- Decoding
  - *Unusual spellings*
- Fluency
  - Accuracy and self correction

**Listening & Speaking**

- Dramatize a story

**Language Foundational Skills**

- Vocabulary
  - Suffixes: -er, -or, -ist
- Spelling: unusual spellings
- Grammar
  - Pronoun contractions

**Writing**

- Opinion Writing
  - Opinion essay
  - Focus Traits: sentence fluency

**Critical Area: Geometry, measurement and data**

Chapter 13: Perimeter and area

- Find unknown measure
- Find the area

**Science**

**Social Studies**

**Continued: Natural resources and hazards Unit**

- How can people reduce the impact of water-based hazards?

Research: Independent Social Studies Projects

**Global Citizenship**

**Notes/ Reflection**