

Curriculum Map - Semester Two Subject: MATH				Grade Level FOURTH GRADE
January	February	March	April	May
<p>A. Decimals</p> <ul style="list-style-type: none"> • Adding and subtracting • Comparing • Money • Place values <p>B. Metric Units of Length</p> <ul style="list-style-type: none"> • Meters • Decimeters • Centimeters • Millimeters • Conversions <p>C. Division</p> <ul style="list-style-type: none"> • Strategies • Interpreting remainders • Expressing remainders as fractions 	<p>A. Division</p> <ul style="list-style-type: none"> • Strategies • Interpreting remainders • Expressing remainders as fractions <p>B. Angles</p> <ul style="list-style-type: none"> • Circular protractor • Rotations • Ordered pairs and grids <p>C. Multiplication</p>	<p>A. Fractions</p> <ul style="list-style-type: none"> • Sets • Adding and subtracting • Equivalent • Comparing • Probability • Decimals • Fractions to percentages <p>B. Decimals</p> <ul style="list-style-type: none"> • Multiplication • Division • Percentages 	<p>A. Perimeter</p> <ul style="list-style-type: none"> • Scale drawings • Formula for perimeter <p>B. Area</p> <ul style="list-style-type: none"> • Formula for rectangle • Formula for triangle • Measurements 	<p>A. Symmetry</p> <ul style="list-style-type: none"> • Properties • Identifying lines of symmetry • Reflections <p>B. Positive/Negative Numbers</p> <ul style="list-style-type: none"> • Adding and subtracting <p>C. Volume</p> <ul style="list-style-type: none"> • Formula for volume

Curriculum Map - Semester Two Subject: SCIENCE				Grade Level FOURTH GRADE
January	February	March	April	May
Rainforest A. Inquiry Process B. History and Nature of Science C. Science in Personal and Social Perspectives <ul style="list-style-type: none"> Native people of the rainforests (Pygmies, Wayana Indians, Penan, Amazon) D. Life Science <ul style="list-style-type: none"> Primates of the rainforest E. Physical Science F. Earth and Space Science <ul style="list-style-type: none"> Climate Amount of Rainfall 	Simple Machines/Inventions A. Inquiry Process B. History and Nature of Science <ul style="list-style-type: none"> Inventions/inventors C. Science in Personal and Social Perspectives <ul style="list-style-type: none"> Inventions/inventors D. Life Science <ul style="list-style-type: none"> Not addressed at this time E. Physical Science <ul style="list-style-type: none"> Types of energy F. Earth and Space Science <ul style="list-style-type: none"> Not addressed at this time Fixed, moveable Compound machines Types Functions G. Invention Competition	Simple Machines A. Inquiry Process B. History and Nature of Science <ul style="list-style-type: none"> Inventions/inventors C. Science in Personal and Social Perspectives <ul style="list-style-type: none"> Inventions/inventors D. Life Science <ul style="list-style-type: none"> Not addressed at this time E. Physical Science <ul style="list-style-type: none"> Types of energy F. Earth and Space Science <ul style="list-style-type: none"> Not addressed at this time 	Mysteries and Chemistry A. Inquiry Process Periodic Table <ul style="list-style-type: none"> Molecules, atoms, protons, electrons, elements B. History and Nature of Science Experiments <ul style="list-style-type: none"> Physical change C. Science in Personal and Social Perspectives <ul style="list-style-type: none"> Science Vocabulary words D. Life Science E. Physical Science F. Earth and Space Science	Mysteries and Chemistry A. Inquiry Process Periodic Table <ul style="list-style-type: none"> Molecules, atoms, elements B. History and Nature of Science <ul style="list-style-type: none"> Experiments Kitchen chemistry C. Science in Personal and Social Perspectives <ul style="list-style-type: none"> Science Vocabulary words D. Life Science E. Physical Science

Curriculum Map - Semester Two Subject: SOCIAL STUDIES				Grade Level FOURTH GRADE
January	February	March	April	May
<p>Rainforest</p> <p>A. American History</p> <ul style="list-style-type: none"> • People/Places • Primate Study <p>B. World History</p> <ul style="list-style-type: none"> • History/Timelines/Events • Primate Study <p>C. Civics/Government</p> <p>D. Geography/DOG</p> <ul style="list-style-type: none"> • Rivers, borders • Environment, seasons • Hemisphere, locations • Lakes, rivers • Bays, peninsulas <p>E. Economics</p> <ul style="list-style-type: none"> • Primate populations in world • Voluntary exchanges of goods 	<p>Simple Machines</p> <p>A. American History</p> <ul style="list-style-type: none"> • People/Places • Causes and Effects on Society • Famous Inventor's Inventions <p>B. World History</p> <ul style="list-style-type: none"> • History/Timelines/Events • Dates in History • Time for Kids <p>C. Geography/DOG</p> <ul style="list-style-type: none"> • Symbols • Oceans, gulfs • Mountains • Capitals, states • Regions 	<p>Simple Machines</p> <p>A. Cause and Effect on Society</p> <ul style="list-style-type: none"> • Hopes and Dreams <p>D. Geography/DOG</p> <ul style="list-style-type: none"> • Continents, distances • Borders • Map Keys • Oceans, seas, gulfs • Regions, states • Islands <p>E. Economic</p> <ul style="list-style-type: none"> • Entrepreneurs 	<p>Mysteries and Chemistry</p> <p>A. American History</p> <ul style="list-style-type: none"> • People / Places <p>B. World History</p> <ul style="list-style-type: none"> • History / Time Lines / Events <p>C. Civics / Government</p> <p>D. Geography / DOG</p> <ul style="list-style-type: none"> • Map skills • Areas of countries/states • Regions • Valleys • Islands • Waterways 	<p>Mysteries and Chemistry</p> <p>A. American History</p> <ul style="list-style-type: none"> • People / Places • Hitler • Concentration camps <p>B. World History</p> <ul style="list-style-type: none"> • History / Time Lines / Events • Major battles • Pearl Harbor • US enters war <p>C. Civics / Government</p> <p>D. Geography / DOG</p> <ul style="list-style-type: none"> • Environment • Water borders • Harbors • Directions • Populations • Your community <p>E. Economics</p> <ul style="list-style-type: none"> • Taxes

Curriculum Map - Semester Two Subject: LANGUAGE ARTS				Grade Level FOURTH GRADE
January	February	March	April	May
Rainforest A. Reading <ul style="list-style-type: none"> • The Monkey Thief B. Writing <ul style="list-style-type: none"> • Paragraph format C. Grammar <ul style="list-style-type: none"> • Irregular Verbs • Verb Tenses • Noun Determiners • Possessive Nouns • Plural Nouns D. Spelling <ul style="list-style-type: none"> • Wordly Wise vocabulary words • Rebecca Sitton Spelling Program • Spelling Unit Packet E. Vocabulary <ul style="list-style-type: none"> • Wordly Wise vocabulary words • Thematic Words F. Speaking/Listening <ul style="list-style-type: none"> • Oral presentation • Stage Behavior • Audience Behavior 	Simple Machines A. Reading <ul style="list-style-type: none"> • The Invention of Hugo Cabret • Summarizing • Question and answer • Reading Comprehension B. Writing, Book Report <ul style="list-style-type: none"> • Inventor Biography C. Grammar <ul style="list-style-type: none"> • Proper Adjectives • Degrees of Adjectives D. Spelling <ul style="list-style-type: none"> • Wordly Wise vocabulary words • Rebecca Sitton Spelling Program • Spelling Unit Packet E. Vocabulary <ul style="list-style-type: none"> • Wordly Wise vocabulary words • Thematic Words F. Speaking/Listening <ul style="list-style-type: none"> • Oral presentation • Stage Behavior • Audience Behavior 	Simple Machines A. Reading <ul style="list-style-type: none"> • The Amazing Invention of Hugo Cabret • Oral reading/inferencing • Discussion • Comprehension B. Writing <ul style="list-style-type: none"> • 6 Traits C. Grammar <ul style="list-style-type: none"> • Adverbs D. Spelling <ul style="list-style-type: none"> • Wordly Wise vocabulary words • Rebecca Sitton Spelling Program • Spelling Unit Packet E. Vocabulary <ul style="list-style-type: none"> • Wordly Wise vocabulary words • Thematic Words F. Speaking/Listening <ul style="list-style-type: none"> • Oral presentation • Stage Behavior • Audience Behavior 	Mysteries and Chemistry A. Reading <ul style="list-style-type: none"> • Midnight Magic • Reading Comprehension • Sequencing • Inferences • Mystery story of choice B. Writing <ul style="list-style-type: none"> • Creative- Adventure story C. Grammar <ul style="list-style-type: none"> • Pronouns D. Spelling <ul style="list-style-type: none"> • Wordly Wise vocabulary words • Rebecca Sitton Spelling Program • Spelling Unit Packet E. Vocabulary <ul style="list-style-type: none"> • Wordly Wise vocabulary words • Thematic Words F. Speaking/Listening <ul style="list-style-type: none"> • Oral presentation • Stage Behavior • Audience Behavior 	Mysteries and Chemistry A. Reading <ul style="list-style-type: none"> • Midnight Magic • Reading Comprehension • Sequencing • Inferences B. Writing <ul style="list-style-type: none"> • Research- unsolved mystery • Mystery story C. Grammar <ul style="list-style-type: none"> • Friendly Letters • Punctuation • Capitalization D. Spelling <ul style="list-style-type: none"> • Wordly Wise vocabulary words • Rebecca Sitton Spelling Program • Spelling Unit Packet E. Vocabulary <ul style="list-style-type: none"> • Wordly Wise vocabulary words • Thematic Words F. Speaking/Listening <ul style="list-style-type: none"> • Oral presentation • Stage Behavior • Audience Behavior

Curriculum Map - Semester Two Subject: SPANISH				Grade Level FOURTH GRADE
January	February	March	April	May
<p>The Rain Forest</p> <p>A. Culture</p> <ul style="list-style-type: none"> • Maps • Geography • Oceans • Cardinal points <p>B. Functions and Vocabulary</p> <ul style="list-style-type: none"> • High frequency verbs • TPRS • Describing locations • Storytelling • Greetings <p>C. Grammar</p> <ul style="list-style-type: none"> • Adjectives • Adverbs • Indefinitive articles • Definitive articles • Subject and verb agreement 	<p>Folktales</p> <p>A. Culture</p> <ul style="list-style-type: none"> • La llorona- The weeping woman • Hispanic Legends • Political and social issues <p>B. Functions and vocabulary</p> <ul style="list-style-type: none"> • TPRS • Characters • Describing places • Describing people • Retelling the story • Opposites • Geography <p>C. Grammar</p> <ul style="list-style-type: none"> • Masculine nouns • Feminine nouns • Singular/plural • Subject/verb agreement • Interrogatives • Noun/adjective agreement • 3rd person singular verbs • Definitive articles • Adverbs • Adjectives 	<p>Folktales</p> <p>A. Culture</p> <ul style="list-style-type: none"> • Popular legends of Hispanic America • México • Map • Meaning and possible reasons for folktale <p>B. Functions and Vocabulary</p> <ul style="list-style-type: none"> • TPRS • Listening comprehension • Sequence • Retell the story <p>C. Grammar</p> <ul style="list-style-type: none"> • Sequence • Feminine/masculine nouns • Noun/adjective agreement • Interrogatives • Subject/verb agreement • Adverbs • Exclamations • Adjectives • Direct pronouns 	<p>Mercado (Market)</p> <p>A. Culture</p> <ul style="list-style-type: none"> • Markets • Products • Bargain • Children's International Day • School wide market • Games (cakewalk, bean game) <p>B. Functions and Vocabulary</p> <ul style="list-style-type: none"> • Expressing likes/dislikes • Selling/buying • Bargain • Greetings • Descriptions/ adjectives • Numbers- 1-100 <p>C. Grammar</p> <ul style="list-style-type: none"> • Feminine/masculine nouns • Noun/adjective agreement • Interrogatives • Subject/verb agreement • Adverbs • Exclamations • Adjectives • Direct pronouns • Polite singular commands 	<p>Masks- Vejigante</p> <p>A. Culture</p> <ul style="list-style-type: none"> • Vejigante mask • Puerto Rico • Vejigante mask of other parts of the world • Geography of Puerto Rico • Carnivals <p>B. Functions and Vocabulary</p> <ul style="list-style-type: none"> • Express likes/dislikes • Descriptions/adjectives • Geographic information <p>C. Grammar</p> <ul style="list-style-type: none"> • Feminine/masculine nouns • Noun/adjective agreement • Interrogatives • Subject/verb agreement • Adverbs • Exclamations

Curriculum Map - Semester Two Subject: MUSIC				Grade Level FOURTH GRADE
January	February	March	April	May
<p>A. Harmony</p> <ul style="list-style-type: none"> • 3-4 part rounds speech <p>B. Harmony</p> <ul style="list-style-type: none"> • I, V Chord Root Accompaniment <p>C. Instrument Timbre</p> <ul style="list-style-type: none"> • Soprano, Alto, Tenor, Bass • Orchestra Instrument Families 	<p>A. Composition</p> <ul style="list-style-type: none"> • Pentatonic melodies <p>B. Harmony</p> <ul style="list-style-type: none"> • 3-4 part rounds singing <p>C. Instrument Timbre</p> <ul style="list-style-type: none"> • Music from diverse cultures - China 	<p>A. Improvisation</p> <ul style="list-style-type: none"> • Melodic Variations <p>B. Harmony</p> <ul style="list-style-type: none"> • 3-4 part rounds on instruments <p>C. Expression and Style</p> <ul style="list-style-type: none"> • Music from diverse cultures - Ireland 	<p>A. Form</p> <ul style="list-style-type: none"> • Question / Answer Phrase Analysis • Performance Form <p>B. Instrument Playing</p> <ul style="list-style-type: none"> • Bordun Review 	<p>A. Expression and Style</p> <ul style="list-style-type: none"> • Patriotic / American Music <p>B. Literacy Review</p> <ul style="list-style-type: none"> • Melodic Material • Rhythmic Material <p>C. Audience Behavior</p> <ul style="list-style-type: none"> • 4 A's: Attend, Applaud, Appreciate, Allow

Curriculum Map - Semester Two Subject: ART				Grade Level FOURTH GRADE
January	February	March	April	May
<p>Science is an art</p> <p>A. Looking at Google Earth and Finding Tesseract School.</p> <p>B. How and What a Telescope is</p> <ul style="list-style-type: none"> • Video installations and art compositions • Working with ASU and artist Jun Nguyen-Hatsushiba 	<p>China</p> <p>A. Tangrams and Dragons</p>	<p>Artist in residency</p> <p>A. Native American Oral and Pictorial Traditions</p>	<p>Paper</p> <p>A. Paper Baskets and Flowers Celebrating Spring</p>	<p>Who is Louise Nevelson?</p> <p>A. Concept of assemblage to create a relief sculpture</p> <p>Mercado</p> <p>A. Children's rights</p> <p>Watercolor pencils</p> <p>A. Dry/dry and Wet/dry techniques with pencils for watercolor basics</p> <p>Drawing from observation</p> <p>A. Students will draw from models and their hand looking and learning to see techniques</p>

Curriculum Map - Semester Two Subject: PHYSICAL EDUCATION				Grade Level FOURTH GRADE
January	February	March	April	May
Kickball A. Individual/Partner Skills <ul style="list-style-type: none"> • Kicking • Catching • Throwing • Pitching • Base running B. Game <ul style="list-style-type: none"> • Coach/Pitch kickball 	Basketball A. Individual/Partner Skills <ul style="list-style-type: none"> • Dribbling • Shooting • Lay-ups • Free-throws • Passing B. Competition <ul style="list-style-type: none"> • Games *Station Rotation 	Introduction to Field Hockey A. Individual/Partner Skills <ul style="list-style-type: none"> • Stick handling • Shooting • Passing • Goalie play B. Games <ul style="list-style-type: none"> • Line Hockey • Full field hockey 	Presidential Fitness Testing A. Individual Physical Challenges <ul style="list-style-type: none"> • Sit-ups • Shuttle run • V-Sit/Reach • Push-ups • Pull-ups 	Introduction to Volleyball A. Individual/Partner Skills <ul style="list-style-type: none"> • Court awareness • Catching • Throwing • Net play • Bumping • Serving • Rotation B. Game <ul style="list-style-type: none"> • Prisoner