

Curriculum Map - Semester Two Subject: MATH				Grade Level KINDERGARTEN
January	February	March	April	May
<p>Inventions</p> <p>A. Numbers & Numeration</p> <ul style="list-style-type: none"> Recognize and write numbers; rote counting- 1s, 2s, 5s, 10s Count by ones from different starting points Rational counting/estimate and count objects Explore 2 digit numbers; grouping 10s and 1s Ordinal numbers to describe sequence of event Use fingers to represent groups of 5 Practice one-to-one counting Read nmbrs. displayed fr. calculators- use to count up & back Discuss concept of zero; compare and order numbers to 20 Think about the combinations of digits used to write numbers Recognize and find equivalent names for numbers Place value and notation- model numbers w. manipulatives <p>B. Operations and Computation</p> <ul style="list-style-type: none"> +/- procedures: word stories, nmb. lines & mental arithmetic Recognize "take away" situations as subtraction. Models for the operations- joining and taking away Solve word problems orally with numbers through 9 Identify symbols (+, -, =) Use materials and pictures to rprsnt. and solve + / - stories <p>C. Data and Chance</p> <ul style="list-style-type: none"> Collection and representation- tally charts and bar graphs Data Analysis- answer questions; estimation strategies Create bar graph; probability <p>D. Measurement and reference frames</p> <ul style="list-style-type: none"> Length, weight, and angles- use nonstandard tools Identify time (hour/ half hour) Measuring and weighing w. standard & nonstandard units Compare, order and sort objects using measurable attributes All coins (value and characteristics) Sequence daily events and describe when events occur Understand the need for standard measurement units Order objects by length; practice measuring techniques <p>E. Geometry</p> <ul style="list-style-type: none"> Identify circles, squares, triangles, and rectangles Plane and solid figures- describe regular shapes Transformation and symmetry- describe symmetry Attribute vocabulary Prepositional and position words <p>F. Patterns, functions and general rules</p> <ul style="list-style-type: none"> Learn about the - symbol; use +, -, = symbols in word stories Identify +, -, = keys on calculator Explore attribute blocks; sort according to different attributes Figure out and apply sorting rules. Use the +, -, and = symbols in the context of number stories. Copy and extend a visual pattern that is not color based. Use multiple attributes to find and describe objects Apply sorting rules Identify +, -, =, and ON/C or AC key s on the calculator Extend, describe and create patterns Patterns of 5 and 10 when counting Pattern block patterns; find patterns counts by 5 	<p>China</p> <p>A. Numbers & Numeration</p> <ul style="list-style-type: none"> Use and count tally marks Order and locate numbers on number grid Count pennies and record total <p>B. Operations and Computation</p> <p>C. Data and Chance</p> <ul style="list-style-type: none"> Use tallies in graphs/ answer questions <p>D. Measurement and Reference Frames</p> <ul style="list-style-type: none"> Understand the need for standard units Linear techniques <p>E. Geometry</p> <ul style="list-style-type: none"> Identify, describe and compare 3-D/2-D shapes <p>F. Patterns, Functions and Algebra</p> <ul style="list-style-type: none"> Number line patterns 	<p>Growing</p> <p>A. Numbers & Numeration</p> <ul style="list-style-type: none"> Skip count by 10's Skip count by 2's Divide groups in $\frac{1}{2}$ Skip count on calculator Read/write 2 and 3 digit numbers <p>B. Operations and Computation</p> <ul style="list-style-type: none"> Make number stories for addition and subtraction <p>C. Data and Chance</p> <p>D. Measurement and reference frames</p> <ul style="list-style-type: none"> Make exact change with penny, nickel and dimes Compare and measure time Identify name and value of coins <p>E. Geometry</p> <ul style="list-style-type: none"> Construct 2D/3D shapes Identify 2D/3D shapes <p>F. Patterns, Functions and Algebra</p> <ul style="list-style-type: none"> Devise rules based on attributes Create and extend patterns 	<p>Growing</p> <p>A. Numbers & Numeration</p> <ul style="list-style-type: none"> Count forward and back from various numbers Count beyond 100 Represent numbers by 10 and 15 Represent 2 and 3 digit numbers with manipulatives Recognize numbers as combinations 100's, 10's and 1's <p>B. Operations and Computation</p> <ul style="list-style-type: none"> Explore the difference between addition and subtraction Devise games using addition and subtraction <p>C. Data and Chance</p> <p>D. Measurement and Reference Frames</p> <ul style="list-style-type: none"> Explore time- hours and minutes Notice O'clock times on analog Record times digitally <p>E. Geometry</p> <p>F. Patterns, Functions and Algebra</p> <ul style="list-style-type: none"> Recognize number patterns Identify patterning rules 	<p>Explorers</p> <p>A. Numbers & Numeration</p> <ul style="list-style-type: none"> Compare numbers using greater than/less than Manipulate digits in numbers Weighing objects with nonstandard units Make exchanges with \$1 and \$10 bills <p>B. Operations and Computation</p> <ul style="list-style-type: none"> Use "counting on" strategy Use mental math for addition and subtraction equations Use calculator to solve equations Recognize addition and subtraction in equation stories <p>C. Data and Chance</p> <p>D. Measurement and Reference Frames</p> <ul style="list-style-type: none"> Explore characteristics of \$1 Recognize the difference between minute and hour hand <p>E. Geometry</p> <p>F. Patterns, Functions and Algebra</p> <ul style="list-style-type: none"> Use and generate rules for functions

Curriculum Map - Semester Two Subject: SCIENCE				Grade Level KINDERGARTEN
January	February	March	April	May
Inventions A. Movement <ul style="list-style-type: none"> • Classification of types of movement • Direction of movement • Movement vocabulary • Change in position of objects • Friction B. Simple Machines <ul style="list-style-type: none"> • Types of machines (screw, lever, pulley, wheel) • Moving heavy objects • Human need for machines • Inventions that help us • Take apart table 	China A. Sound <ul style="list-style-type: none"> • Producing sounds • Loud and soft sounds • Sound waves/ vibration • How sounds change B. Light <ul style="list-style-type: none"> • Sources of natural light • Electricity • Night/ day • Light sources C. Heat <ul style="list-style-type: none"> • Classify hot/ cold places • Heating food • Cooling food • Melting/ freezing water 	Growing A. Plants <ul style="list-style-type: none"> • Similarities and differences • Seeds • Life cycle of a plant • Seed transportation • Parts of a plant • Water transport • Plants we eat 	Exploration A. Using Land <ul style="list-style-type: none"> • Earth's Resources • Pollution • People's effect on land • Recycling trash B. Using Water <ul style="list-style-type: none"> • Water sources • Cleaning Water • Uses of Water • Conserving Water • Salt Water/ Ocean Water • Pollution • Floating and sinking 	Exploration A. Daytime (and Nighttime) <ul style="list-style-type: none"> • Day/ Night Activities • Shadows • Location of Sun • Moving Earth • Constellations • Location of the Moon • Night and Day

Curriculum Map - Semester Two Subject: SOCIAL STUDIES				Grade Level KINDERGARTEN
January	February	March	April	May
<p>Inventions</p> <p>A. Inventions</p> <ul style="list-style-type: none"> • Necessity of inventions • How we used to live • History of toys • Locating inventions <p>B. Inventors</p> <ul style="list-style-type: none"> • Famous inventors • What makes an inventor • Blue prints/ plans 	<p>China</p> <p>A. Comparing Cultures</p> <ul style="list-style-type: none"> • Food, school, animals and buildings • Chinese inventions • Chinese Zodiac calendar • National symbols/ artifacts • Compare and contrast with U.S. culture • Chinese (fairy tale) stories 	<p>Growing</p> <p>A. Plants</p> <ul style="list-style-type: none"> • Growing plans • Living and non-living • Purchasing goods • Classifying fruits and vegetables <p>B. Maps</p> <ul style="list-style-type: none"> • Plan and plot a garden • Using natural resources 	<p>Exploration</p> <p>A. Limited Resources</p> <ul style="list-style-type: none"> • Occupations • Making Choices • Money, Purchasing • Recognizing U.S. Money <p>B. Explorers</p> <ul style="list-style-type: none"> • Famous Explorers • Pirates • Map Making • Mapping Oceans • Special Event: Pirate Day 	<p>Exploration</p> <p>A. The Arts</p> <ul style="list-style-type: none"> • Arts and Artists • Van Gogh • Music and Musicians • Mozart, Beethoven • Dance and Dancers • Gregory Hines • Authors and Books • Ronald Dahl • Eric Carle • Architecture • Structures

Curriculum Map - Semester Two Subject: LANGUAGE ARTS				Grade Level KINDERGARTEN
January	February	March	April	May
<p>Inventions</p> <p>A. Reading</p> <ul style="list-style-type: none"> • Tricky Word recognition in Text • Decoding • Author's Chair (Child Read Aloud) • Read, Write, Draw Journal (Sentences) • Daily Message (Responsive Classroom) • Jolly Phonics decodable texts <p>B. Jolly Phonics</p> <ul style="list-style-type: none"> • Phonemic Awareness: (alternative spellings) ay, ea, y, gh (Visual, auditory and kinesthetic) • Nonsense words (decoding and writing) • Review all 7 sets of phonemes • Blending and segmenting • Recognize vowel sounds in words • J.P. songs and actions • Soundbooks; Digraphs • Tricky Words: no, so, go, by • Initial/final consonant blends • J.P. CD-Rom (games and activities) <p>C. Writing</p> <ul style="list-style-type: none"> • Left-to-Right Orientation of Words • Independent Writing – Writers Workshop • Journals- Self Edit • Interactive Writing • Written Communication (Research) • Dictation (Auditory Processing) • Read, Write, Draw Journals (Sentences) <p>D. Grammar</p> <ul style="list-style-type: none"> • Capital Letter and Period at Beginning of Simple Sentence • Question Marks & Exclamation Points • Sentence formation <p>E. Speaking and Listening</p> <ul style="list-style-type: none"> • Comments versus Questions • Sharing Information and Objects (Theme Related) • Daily Question • Class Morning Meeting (Greeting, Sharing with Relevancy, Group Activity, News and Announcements) <p>Resources</p> <ul style="list-style-type: none"> • Jolly Phonics handbook • Recipe for Reading • Responsive Classroom Workbook • Pocket chart; Poetry Chart • Wright Group books • J.P. CD-Rom (Games and Activities) 	<p>China</p> <p>A. Reading</p> <ul style="list-style-type: none"> • Tricky Word Recognition in Text • Decoding • Author's Chair (Child Read Aloud) • Read, Write, Draw Journal • Daily Message (Resp.Classroom) • Jolly Phonics Decodable Texts <p>B. Jolly Phonics</p> <ul style="list-style-type: none"> • Phonemic Awareness: Alt.Spellings (Visual, Auditory & Kinesthetic) • Consonant blends • Review all 7 sets of phonemes • Blending and segmenting • Recognize vowel sounds in words • J.P. songs and actions • Soundbooks; Digraphs • Tricky Words: live, one, have, only, old, little • J.P. CD-Rom (games and activities) <p>C. Writing</p> <ul style="list-style-type: none"> • Left-to-Right Orientation of Words • Independent Writing – Writers Wrkshp • Journals- Self Edit • Interactive Writing • Written Communication (Research) • Dictation (Auditory Processing) • Read, Write, Draw Journals <p>D. Grammar</p> <ul style="list-style-type: none"> • Capital Letter and Period at Beginning of Simple Sentence • Question Marks & Exclamation Points • Sentence formation <p>E. Speaking and Listening</p> <ul style="list-style-type: none"> • Comments versus Questions • Sharing Information and Objects (Theme Related) • Daily Question • Class Morning Meeting (Greeting, Sharing w. Relevancy, Group Activity, News and Announcements) <p>Resources</p> <ul style="list-style-type: none"> • Jolly Phonics Handbook • Recipe for Reading • Responsive Classroom Workbook • Pocket chart; Poetry Chart • Wright Group Books • J.P. CD-Rom (Games& Activities) 	<p>Growing</p> <p>A. Reading</p> <ul style="list-style-type: none"> • Tricky Word Recognition in Text • Decoding • Author's Chair (Child Read Aloud) • Read, Write, Draw Journal (Sentences) • Daily Message (Resp.Classroom) • Jolly Phonics Decodable Texts <p>B. Jolly Phonics</p> <ul style="list-style-type: none"> • Phonemic Awareness: Review Alt. Spellings (Visual, auditory and kinesthetic) • Consonant blends • Review all 7 sets of phonemes • Blending and segmenting • Recognize vowel sounds in words • J.P. songs and actions • Soundbooks; Digraphs • Tricky Words: down, what, when, why, who, which • J.P. CD-Rom (games and activities) <p>C. Writing</p> <ul style="list-style-type: none"> • Left-to-Right Orientation of Words • Ind. Writing – Writers Wrkshp • Journals- Self Edit • Interactive Writing • Written Communication (Research) • Dictation (Auditory Processing) • Read, Write, Draw Journals <p>D. Grammar</p> <ul style="list-style-type: none"> • Capital Letter and Period at Beginning of Simple Sentence • Question Marks & Exclamation Pnts. • Sentence formation <p>E. Speaking and Listening</p> <ul style="list-style-type: none"> • Comments versus Questions • Sharing Information and Objects (Theme Related) • Daily Question • Class Morning Meeting (Greeting, Sharing w. Relevancy, Group Activity, News and Announcements) <p>Resources</p> <ul style="list-style-type: none"> • Jolly Phonics Handbook • Recipe for Reading • Responsive Classroom Workbook • Pocket chart; Poetry Chart • Wright Group Books • J.P. CD-Rom (Games& Activities) 	<p>Exploration</p> <p>A. Reading</p> <ul style="list-style-type: none"> • Tricky Word recognition in Text • Decoding • Author's Chair (Child Read Aloud) • Read, Write, Draw Journal (Sentences) • Daily Message (Responsive Classroom) • Jolly Phonics decodable texts <p>B. Jolly Phonics</p> <ul style="list-style-type: none"> • Phonemic Awareness: review alternative spellings (Visual, auditory and kinesthetic) • Consonant blends: ct, ft, pt, xt, mp, nd, spl, spr, str, scr, squ • Review all 7 sets of phonemes • Blending and segmenting • Recognize vowel sounds in words • J.P. songs and actions • Soundbooks • Tricky Words: any, many, more, before, other, were, because, want, saw, put • Digraphs • J.P. CD-Rom (Games and Activities) <p>C. Writing</p> <ul style="list-style-type: none"> • Left-to-Right Orientation of Words • Independent Writing - Writers Workshop • Journals- Self Edit • Interactive Writing • Written Communication (Research) • Dictation (Auditory Processing) • Read, Write, Draw Journals (Sentences) 	<p>Exploration</p> <p>D. Grammar</p> <ul style="list-style-type: none"> • Capital Letter and Period at Beginning of Simple Sentence • Question Marks • Exclamation points • Sentence formation <p>E. Speaking and Listening</p> <ul style="list-style-type: none"> • Comments versus Questions • Sharing Information and Objects (Theme Related) • Daily Question • Class Morning Meeting (Greeting, Sharing with Relevancy, Group Activity, News and Announcements) <p>Resources</p> <ul style="list-style-type: none"> • Jolly Phonics handbook • Recipe for Reading • Responsive Classroom Workbook • Pocket chart • Wright Group books • Poetry Chart • J.P. CD-Rom (Games and Activities)

Curriculum Map - Semester Two Subject: SPANISH				Grade Level KINDERGARTEN
January	February	March	April	May
<p>Review</p> <p>A. Culture – El Dia de los Reyes</p> <p>B. Counting to 100</p> <p>C. Por favor, gracias, de nada</p> <p>D. Calendar skills – past and present (ayer and mañana)</p> <p>E. Como te llamas? Me llamo _____ Mucho gusto</p>	<p>Unit Four: Colors</p> <p>A. azul, verde, rojo, amarillo, gris, rosado, anaranjado, blanco, negro, café, morado</p> <p>B. Daily review of calendar skills and counting to 100</p>	<p>Unit Four: Colors (continued)</p> <p>A. azul, verde, rojo, amarillo, gris, rosado, anaranjado, blanco, negro, café, morado</p> <p>B. Arco iris</p> <p>C. Daily review of calendar skills and counting to 100</p>	<p>A. Review</p> <p>B. Daily review of calendar skills and counting</p> <p>Unit 5: Family</p>	<p>A. Daily review of calendar skills and counting</p> <p>Unit 5: Family continued</p> <p>Unit 6: El Mercado</p> <p>B. Culture</p> <ul style="list-style-type: none"> • Mexican marketplaces • Different food from Spanish-speaking countries • Marketplace conversation • Bargaining <p>C. Functions and Vocabulary</p> <ul style="list-style-type: none"> • Foods • Colors - rojo, azul, amarillo, anaranjado, cafe, morado, verde, negro, blanco • Sizes - grande, pequeno <p>D. Grammar</p>

Curriculum Map - Semester Two Subject: MUSIC				Grade Level KINDERGARTEN
January	February	March	April	May
Harmony A. Rhythmic Literacy • Quarter note, Quarter rest and two eighth notes B. Form • ABA form C. Harmony • Rhyme with teacher accompanied ostinato	Composition A Melodic Literacy • Size of sound source/pitch B Composition • Rhythm patterns Quarter note, Quarter rest and two eighth notes C Expression and style • Music from diverse cultures - China	Improvisation A. Improvisation • Pentatonic scale improvisation B. Form • Musical phrase C. Score Reading • Notation symbols: double bar line and repeat sign	Music Patterns – Form A. Melodic Literacy • Melodic Direction Devised Notation B. Form • Musical Phrase C. Score Reading • Notation symbols: double bar line and repeat sign	Audience Behavior A. Harmony • Rhyme with one ostinato B. Literacy Review • Melodic material • Rhythmic material C. Audience Behavior • Attend • Applaud • Appreciate • Allow D. Expression and Style • Patriotic Music

Curriculum Map - Semester Two				Grade Level
Subject: ART				KINDERGARTEN
January	February	March	April	May
<p>How to stick things together</p> <p>A. Exploration of hand building and eye coordination activities.</p> <p>B. Found object structures: Robots, monsters, picture frames and more</p>	<p>How to see</p> <p>A. Still life production</p> <p>B. Chinese New Year with Visual Acuity</p> <p>C. Tangrams and word search</p>	<p>Artist in Residency</p> <p>A. Hummingbirds, drums and spirit rocks</p>	<p>Paper</p> <p>A. Paper baskets and flowers</p>	<p>Positive and Negative space</p> <p>A. Texture plates and patterns</p> <p>Mercado</p> <p>A. Children's rights</p> <p>Watercolors</p> <p>A. Dry/Dry technique and wet/dry techniques</p>

Curriculum Map - Semester Two Subject: PHYSICAL EDUCATION				Grade Level KINDERGARTEN
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