



REAL world test of mastery:

1. The ability to use the language of the discipline or subject in complex situations and social interactions. (academic vocabulary)
2. The ability to perform appropriately in unanticipated situations
3. The ability to solve real problems using the skills and concepts
4. The ability to show, explain or teach the idea or skill to another person who has a real need to know.

OVERALL THEMES: “FEEDING THE WORLD” And “FROM TINY SEED TO HOME”

Unit of Study: Body Brain Science/ Growth Mindset August 2016	Unit of Study: The Value of Agriculture August-September 2016	Unit of Study: Harvesting Our Farm September-October 2016	Unit of Study: Cultivation in Agriculture November-January 2017	Unit of Study: Planting Our Farm February-April 2017	Unit of Study: Producing Our Farm April-June 2017
<p>Enduring Understanding/Theme: “It starts with a thought” “We can change the world” HEROES Concept: Creativity, Problem Solving Researching the heroes to made Agriculture efficient and safe</p>	<p>Enduring Understanding/Theme: “Stop, look and Listen” “Mother Earth needs us” Forests and other Natural Resources “The Lorax ” Concept Ecology/Sustainability FUEL “Turn it off” Concept: Conservation Hydroelectric, solar, turbines, generators, biofuel, ethanol, batteries</p>	<p>Enduring Understanding/Theme: “Hmmm Good” Concept: Culture and Cooking The many uses of rice, beans and corn</p>	<p>Enduring Understanding/Theme: “Dirt made my Lunch” Concept SOIL “A beautiful day in the neighborhood” Concept BEAUTY PLANTS “From Tiny Seed To Home” Fruit, vegetables, flowers, trees, alfalfa/hay, rice, nuts Pollinators: bees, bats, butterflies, birds, beetles</p>	<p>Enduring Understanding/Theme: “What Goes Around Comes Around” Concept: CYCLES</p>	<p>Enduring Understanding/Theme: FOOD, “Where’s the beef?” Concept: Health</p>
<p>Essential Questions: How does the body and brain work together to help me learn? Why is a positive growth mindset important to me as a learner? What is the benefit of having good LIFESKILLS? How can I be a “hero” to my community? Why is it important to learn about agriculture? What are the stages in farming?</p>	<p>Essential Questions: Why are conserving resources important? Can one person make a difference in saving the environment? In what ways does conservation benefit the environment? In what ways did humans develop tools to help control their environment? What can we learn from studying early human society that helps us to understand events/issues today?</p>	<p>Essential Questions: What is harvesting and some of the benefits? What problems can occur during the harvesting stage in farming? How can I bring solutions to harvesting to help my community? How might the availability or scarcity of different resources affect cultural development?</p>	<p>Essential Questions: What is cultivation and some of the benefits? What problems can occur during the cultivation stage in farming? How can I bring solutions to cultivation to help my community? How can I improve my community with agriculture?</p>	<p>Essential Questions: What is planting and some of the benefits? What problems can occur during the planting stage in farming? How can I bring solutions to planting to help my community? Why is it important to understand the life cycles and water cycles? How do geography, climate, and other natural factors affect human life and agriculture?</p>	<p>Essential Questions: What is production and some of the benefits? What problems can occur during the production stage in farming? How can I bring solutions to producing to help my community? What inventions occurred and improved production of farming? Is the world today a better place than the world of the past? Will our future world be better than today's world?</p>
<p>Science and Social Science Standards: See Grade Level Standards</p>	<p>Science and Social Science Standards: See Grade Level Standards</p>	<p>Science and Social Science Standards: See Grade Level Standards</p>	<p>Science and Social Science Standards: See Grade Level Standards</p>	<p>Science and Social Science Standards: See Grade Level Standards</p>	<p>Science and Social Science Standards: See Grade Level Standards</p>

<p>CCSS ELA: (Grades K-6) Reading Literature: 1,2,3,4,5,6,7,8,9,10 Writing: 3,4,5,6 Speaking and Listening: 1,2,6 Language: 1,2,3,4,5,6</p> <p>CCSS MATH: (Grades K-2) Foundational Math Number and Operations in Base Ten: (See individual grade level standards under domain)</p> <p>CCSS MATH: (Grades 3-6) Foundational Math Number and Operations in Base Ten: (See individual grade level standards under domain) SMP: 1,3,6</p>	<p>CCSS ELA: (Grades K-6) Reading Literature: 1,2,3,4,5,6,7,8,9,10 Writing: 3,4,5,6 Speaking and Listening: 1,2,6 Language: 1,2,3,4,5,6</p> <p>CCSS MATH: (Grades K-2) Foundational Math Number and Operations in Base Ten: (See individual grade level standards under domain)</p> <p>CCSS MATH: (Grades 3-6) Foundational Math Number and Operations in Base Ten: (See individual grade level standards under domain) SMP: 1,3,6</p>	<p>CCSS ELA: (Grades K-6) Reading Literature: 1,2,3,4,5,6,7,8,9,10 Writing: 3,4,5,6 Speaking and Listening: 1,2,6 Language: 1,2,3,4,5,6</p> <p>CCSS MATH: (Grades K-2) Foundational Math Operations and Algebraic Thinking: (See individual grade level standards under domain)</p> <p>CCSS MATH: (Grades 3-6) Foundational Math Number and Operations in Fractions: (See individual grade level standards under domain) SMP: 1,3,6</p>	<p>CCSS ELA: (Grades K-6) Reading Information/Literature: 1,2,3,4,5,6,7,8,9,10 Writing: 2,4,5,6 Speaking and Listening: 1,2,6 Language: 1,2,3,4,5,6</p> <p>CCSS MATH: (Grades K-2) Foundational Math Operations and Algebraic Thinking: (See individual grade level standards under domain)</p> <p>CCSS MATH: (Grades 3-6) Foundational Math Operations and Algebraic Thinking: (See individual grade level standards under domain) SMP: 1,3,6</p>	<p>CCSS ELA: (Grades K-6) Reading Information/Literature: 1,2,3,4,5,6,7,8,9,10 Writing: 1,2,4,5,6 Speaking and Listening: 1,2,6 Language: 1,2,3,4,5,6</p> <p>CCSS MATH: (Grades K-2) Foundational Math Measurement and Data: (See individual grade level standards under domain)</p> <p>CCSS MATH: (Grades 3-6) Foundational Math Measurement and Data: (See individual grade level standards under domain) SMP: 1,3,6</p>	<p>CCSS ELA: (Grades K-6) Reading Information: 1,2,3,4,5,6,7,8,9,10 Writing: 1,2,4,5,6 Speaking and Listening: 1,2,6 Language: 1,2,3,4,5,6</p> <p>CCSS MATH: (Grades K-2) Foundational Math Geometry: (See individual grade level standards under domain)</p> <p>CCSS MATH: (Grades 3-6) Foundational Math Geometry: (See individual grade level standards under domain) SMP: 1,3,6</p>
<p>ELD Standards: Part I: Interacting in Meaningful Ways A. Collaborative 1,2,3,4 B. Interpretive 5,6,7,8 C. Productive 9,10,11,12 Part II: Learning About How English Works A. Structuring Cohesive Texts 1,2 B. Expanding and Enriching Ideas 3,4,5 C. Connecting and Condensing Ideas 6,7</p>	<p>ELD Standards: Part I: Interacting in Meaningful Ways A. Collaborative 1,2,3,4 B. Interpretive 5,6,7,8 C. Productive 9,10,11,12 Part II: Learning About How English Works A. Structuring Cohesive Texts 1,2 B. Expanding and Enriching Ideas 3,4,5 C. Connecting and Condensing Ideas 6,7</p>	<p>ELD Standards: Part I: Interacting in Meaningful Ways A. Collaborative 1,2,3,4 B. Interpretive 5,6,7,8 C. Productive 9,10,11,12 Part II: Learning About How English Works A. Structuring Cohesive Texts 1,2 B. Expanding and Enriching Ideas 3,4,5 C. Connecting and Condensing Ideas 6,7</p>	<p>ELD Standards: Part I: Interacting in Meaningful Ways A. Collaborative 1,2,3,4 B. Interpretive 5,6,7,8 C. Productive 9,10,11,12 Part II: Learning About How English Works A. Structuring Cohesive Texts 1,2 B. Expanding and Enriching Ideas 3,4,5 C. Connecting and Condensing Ideas 6,7</p>	<p>ELD Standards: Part I: Interacting in Meaningful Ways A. Collaborative 1,2,3,4 B. Interpretive 5,6,7,8 C. Productive 9,10,11,12 Part II: Learning About How English Works A. Structuring Cohesive Texts 1,2 B. Expanding and Enriching Ideas 3,4,5 C. Connecting and Condensing Ideas 6,7</p>	<p>ELD Standards: Part I: Interacting in Meaningful Ways A. Collaborative 1,2,3,4 B. Interpretive 5,6,7,8 C. Productive 9,10,11,12 Part II: Learning About How English Works A. Structuring Cohesive Texts 1,2 B. Expanding and Enriching Ideas 3,4,5 C. Connecting and Condensing Ideas 6,7</p>
<p>Resources Needed: Phonemic/Phonics Program SIPPS I-Ready Standards CCSS Supplemental ELA, MATH, Writing Classroom Novels 4-H Lessons Project Wet Tools for Citizen and Life HET and SBAC Blueprints and Rubrics (Teacher and Kid Friendly) Teacher Resource Guide CA AG.</p>	<p>Resources Needed: Phonemic/Phonics Program SIPPS I-Ready Standards CCSS Supplemental ELA, MATH, Writing Classroom Novels 4-H Lessons Project Wet Tools for Citizen and Life HET and SBAC Blueprints and Rubrics (Teacher and Kid Friendly) Teacher Resource Guide CA AG.</p>	<p>Resources Needed: Phonemic/Phonics Program SIPPS I-Ready Standards CCSS Supplemental ELA, MATH, Writing Classroom Novels 4-H Lessons Project Wet Tools for Citizen and Life HET and SBAC Blueprints and Rubrics (Teacher and Kid Friendly) Teacher Resource Guide CA AG.</p>	<p>Resources Needed: Phonemic/Phonics Program SIPPS I-Ready Standards CCSS Supplemental ELA, MATH, Writing Classroom Novels 4-H Lessons Project Wet Tools for Citizen and Life HET and SBAC Blueprints and Rubrics (Teacher and Kid Friendly) Teacher Resource Guide CA AG.</p>	<p>Resources Needed: Phonemic/Phonics Program SIPPS I-Ready Standards CCSS Supplemental ELA, MATH, Writing Classroom Novels 4-H Lessons Project Wet Tools for Citizen and Life HET and SBAC Blueprints and Rubrics (Teacher and Kid Friendly) Teacher Resource Guide CA AG.</p>	<p>Resources Needed: Phonemic/Phonics Program SIPPS I-Ready Standards CCSS Supplemental ELA, MATH, Writing Classroom Novels 4-H Lessons Project Wet Tools for Citizen and Life HET and SBAC Blueprints and Rubrics (Teacher and Kid Friendly) Teacher Resource Guide CA AG.</p>

