

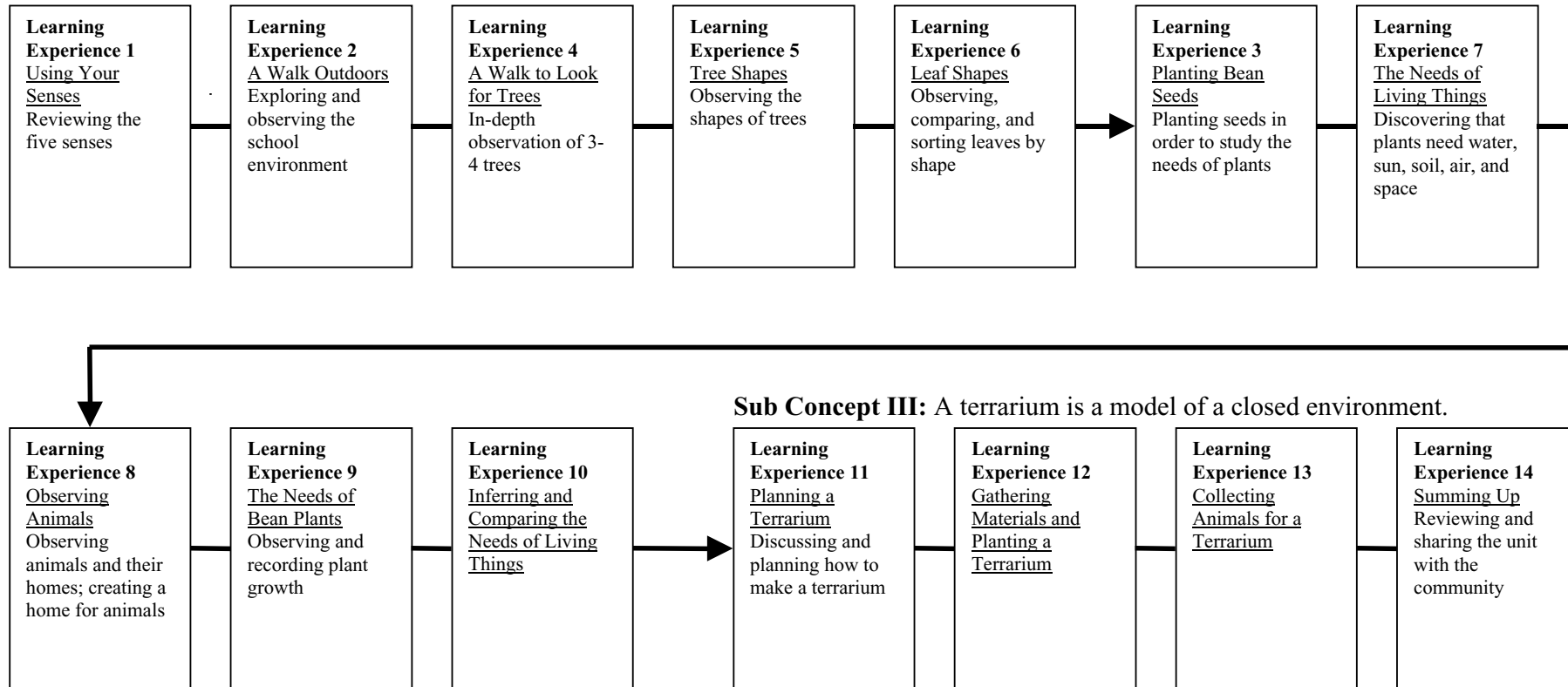
Living Things Storyline Insights First Grade

Unifying Concept: Systems, Order, and Organization; Evidence, Models, and Explanation; Evolution and Equilibrium

Big Idea: Living things have basic needs. There are similarities and differences between plants and animals.

Sub Concept I: We can use our senses to observe living things.

Sub Concept II: Living things have specified needs.



Description of Assessment: Informal teacher observation and teacher questioning; review student work (e.g. science notebooks), introductory and final interviews

Science Process Skills: Observing, Questioning, Comparing, Communicating, Predicting, and Inferring

National Science Standards: K-4 Life Science; Science & Technology: Science in Personal and Social Perspectives; History & Nature of Science; Science as Inquiry

California Science Standards: K—Life Science 2a-c; Investigation and Experimentation 4a, b

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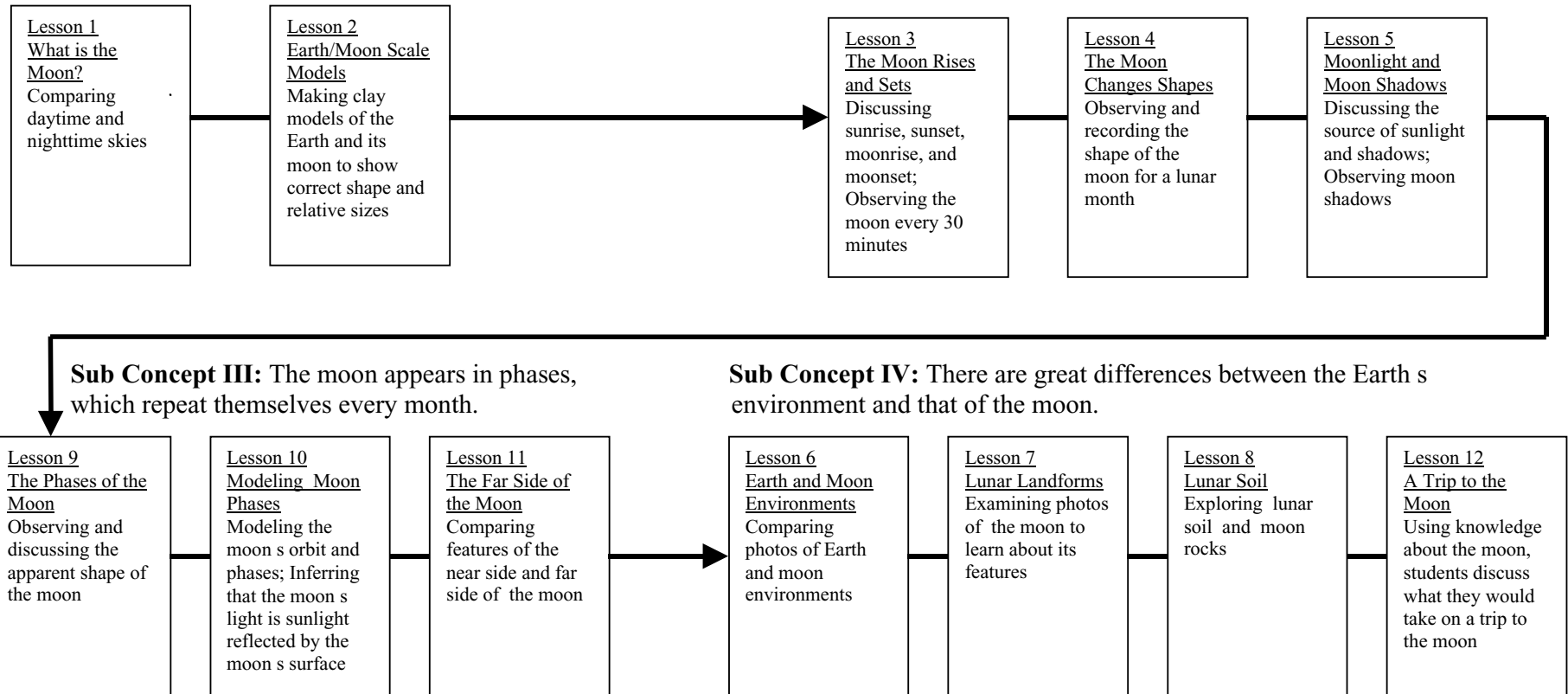
Finding the Moon Storyline Delta First Grade

Unifying Concept: Systems, Order, and Organization; Evidence, Models, and Explanation; Constancy, Change, and Measurement

Big Idea: The moon is the Earth's closest neighbor. It has peculiar properties and regular patterns of change.

Sub Concept I: Our earth has one moon.

Sub Concept II: The moon appears in phases, which repeat themselves every month.



Sub Concept III: The moon appears in phases, which repeat themselves every month.

Sub Concept IV: There are great differences between the Earth's environment and that of the moon.

Description of Assessment: End-of-unit assessment includes a cut-and-paste task, picture interpretation, and verbal questions; review student work (e.g. science notebooks)

Science Process Skills: Observing, Questioning, Comparing, Communicating, Predicting, and Inferring

National Science Standards: K-4 Earth/Space Science; History & Nature of Science; Science as Inquiry

California Science Standards: 1: Investigation and Experimentation 4a, b, d

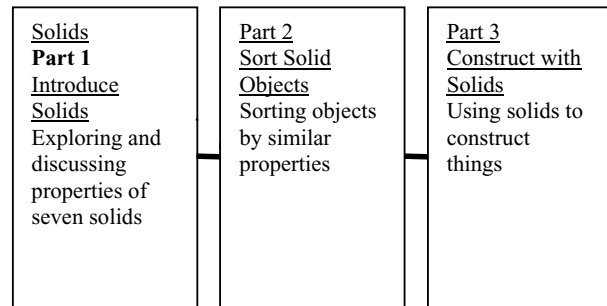
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Solids and Liquids Storyline
FOSS First Grade

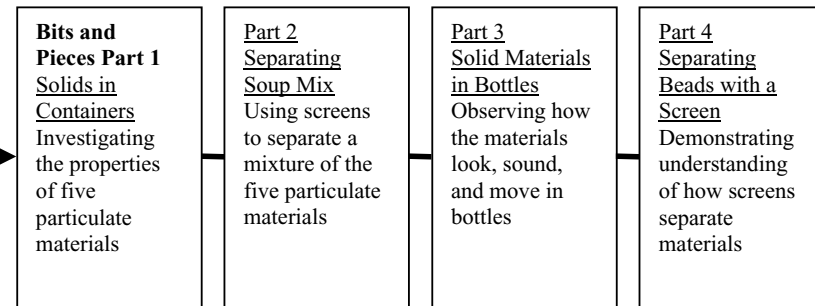
Unifying Concept: Evidence, Models, and Explanation; Constancy, Change, and Measurement; Form and Function

Big Idea: Solids and liquids are two states of matter. Each substance has unique observable properties.

Sub Concept I: Solids can be described and categorized by observable properties.

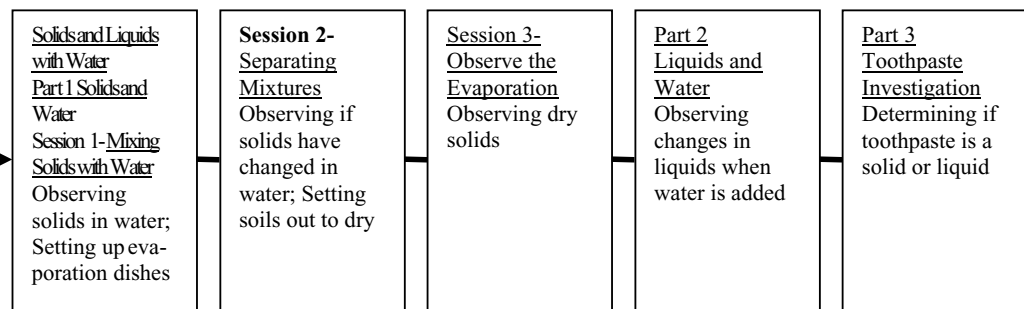
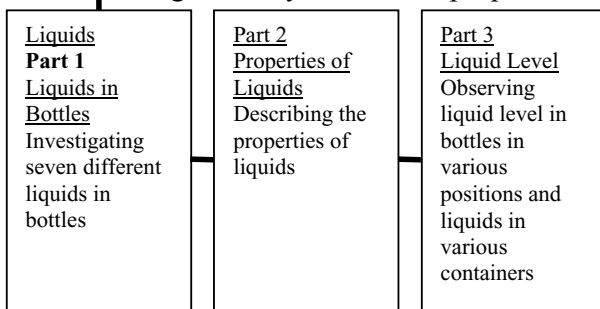


Sub Concept II: Solid materials come in all sizes and shapes.



Sub Concept III: Liquids can be described and categorized by observable properties.

Sub Concept IV: Solids and liquids can be mixed together with different results.



Description of Assessment: Periodic checks of student progress as noted in teacher's guide by a check mark. Suggested activities are given at the end of the guide.

Science Process Skills: Observing, Questioning, Comparing, Communicating, Ordering, and Applying

National Science Standards: K-4 Physical Science; History & Nature of Science; Science as Inquiry

California Science Standards: 1: Investigation and Experimentation 4a, b, d

Senses Storyline* Insights First Grade

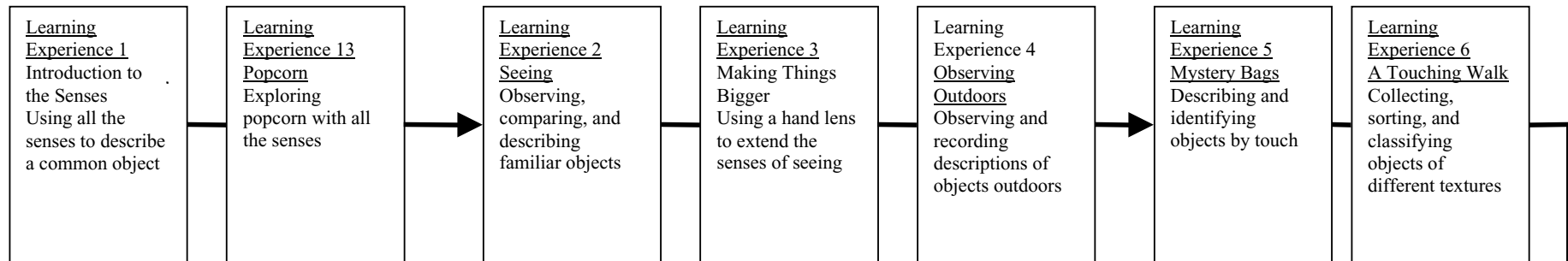
Unifying Concept: Systems, Order, and Organization; Form and Function

Big Idea: People use their five senses as tools with which to observe, interact with, and describe the world of objects around them.

Sub Concept I: We use senses to find out about our world.

Sub Concept II: We use our eyes to see.

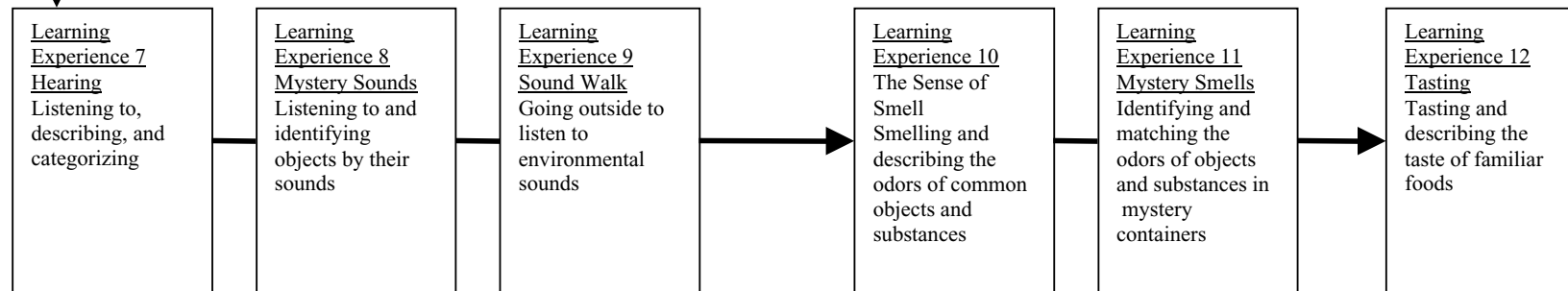
Sub Concept III: We use our skin to touch.



Sub Concept IV: We use our ears to hear.

Sub Concept V: We use our nose to smell.

Sub Concept VI: We use our mouth to taste.



Description of Assessment: Introductory and final interviews

Science Process Skills: Observing, Questioning, Comparing, Communicating, Organizing, and Inferring

National Science Standards: K-4 Physical Science; Life Science; Science in Personal and Social Perspectives; History & Nature of Science; Science as Inquiry

California Science Standards: 1: Investigation and Experimentation 4a, b

* optional VIPS 2000