**Unifying Concept:** Systems, Order, and Organization  
**Big Idea:** Each of us is unique but we share different characteristics.

**Sub Concept I:** We are alike and different (entire body).

**Sub Concept II:** We are alike and different (parts of body).

**Sub Concept III:** We have changed. We will change.

**Description of Assessment:** Introductory interview questions, LE11 interview on children's conception of time, LE13 review of body outlines, final interview, review student work (e.g. science notebooks)

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

**National Science Standards:** K-4 Life Science, Science in Personal and Social Perspective, History and Nature of Science, and Science as Inquiry

**California Science Standards:** K-Life Science 2a, Investigation and Experimentation 4e
Unifying Concept: Systems, Order, and Organization; Evidence, Models and Explanation; Constancy, Change, and Measurement

Big Idea: A shadow is formed when the light shining on an object is blocked (reflected or absorbed) by the object, and an area of relative darkness (shadow) falls on a surface.

Sub Concept I: Three things are needed to form a shadow: light, and object, and a surface.

Sub Concept II: Shadows change over time.

Sub Concept III: We can change (manipulate) shadows.

Description of Assessment: Final assessment includes hands-on tasks, picture interpretation, and questions, review student work (e.g. science notebooks)

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

National Science Standards: K-4 Physical Science, Earth/Space Science, History and Nature of Science, and Science as Inquiry

California Science Standards: K-Investigation and Experimentation 4e

VIPS 2000
Unifying Concept: Constancy, Change, and Measurement; Form and Function
Big Idea: There are many different types of wood. They have similarities and differences, but each has unique properties.

Sub Concept I: Types of wood have similar and different properties that can be observed and described.

Sub Concept II: Wood samples react differently with water.

Sub Concept III: Wood can be used to create new materials.

Sub Concept IV: Wood and wood products can be used to create objects.

Description of Assessment: Informal teacher observation, teacher questioning, review student work (e.g. science notebooks)
Science Process Skills: Observing, Questioning, Comparing, Communicating, Predicting, and Interpreting
National Science Standards: K - Physical Science, Science & Technology; History & Nature of Science; Science as Inquiry
California Science Standards: K - Physical Science 1a; Investigation and Experimentation 4a-e