

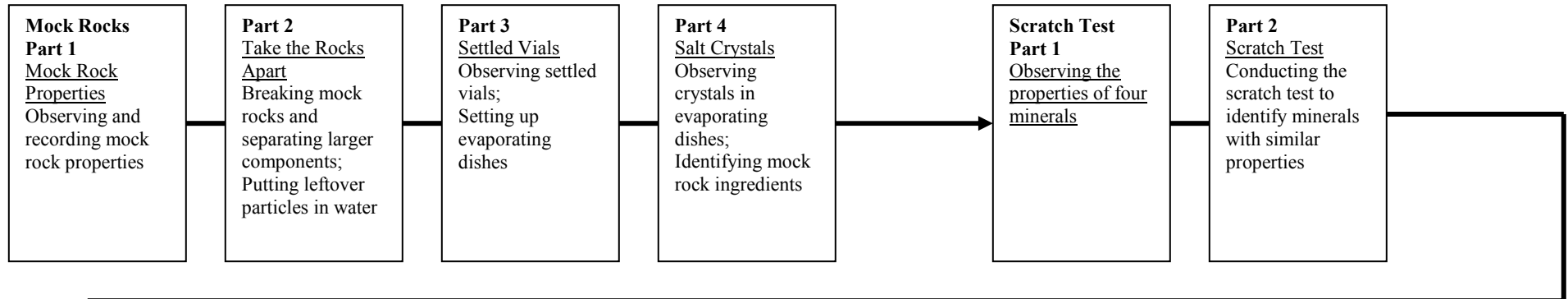
Earth Materials Storyline
FOSS Third Grade

Unifying Concept: Evidence, Models, and Explanation; Constancy, Change, and Measurement; Evolution and Equilibrium

Big Idea: Rocks and minerals have identifiable characteristics.

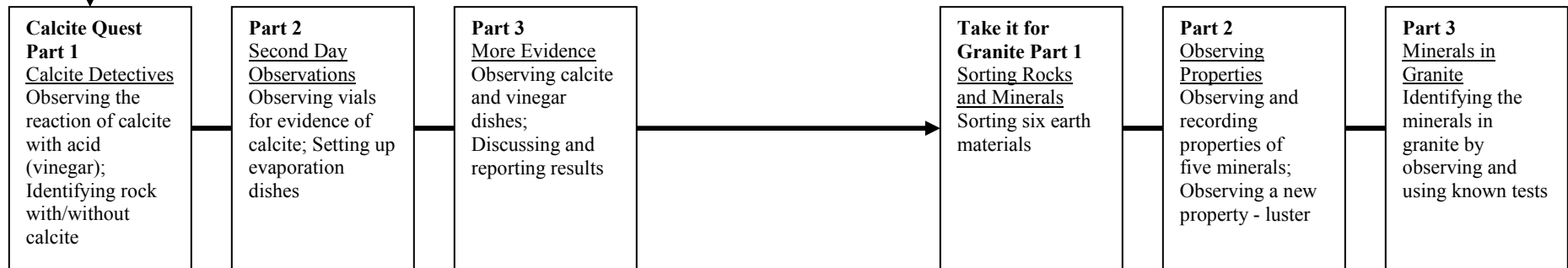
Sub Concept I: Many earth materials combine to make rocks.

Sub Concept II: Minerals are the ingredients of rocks. Minerals can be ranked by their hardness.



Sub Concept III: Calcite is the only mineral that fizzes when placed in vinegar (acid).

Sub Concept IV: Granite is a rock containing the minerals feldspar, quartz, black mica, and hornblende.



Description of Assessment: End-of-unit assessment includes a hands-on task, pictorial assessment, and reflective questions assessment, review student work (e.g. science notebooks)

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

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

California Science Standards: 3: Investigation and Experimentation 5a,c