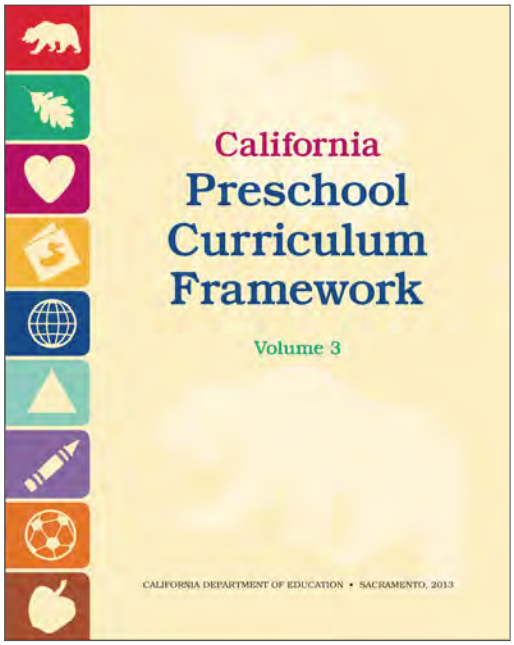

Science

Scientific Inquiry

The foundations focus on the skills and language used in the process of scientific inquiry.

Substrand 1.0

Observation and Investigation

Substrand 2.0

Documentation and Communication

Science

Physical Sciences

The foundations are about investigating characteristics and physical properties of nonliving objects and of solid and liquid materials, and changes in objects and materials.

Substrand 1.0

Properties and Characteristics of Nonliving Objects and Materials

Substrand 2.0

Changes in Nonliving Objects and Materials

Science

Life Sciences

The foundations are about core concepts related to properties and characteristics of living things and their growth and change over time.

Substrand 1.0

Properties and Characteristics of Living Things

Substrand 2.0

Changes in Living Things

Science

Earth Sciences

The foundations are about observing and exploring earth materials and phenomena.

Substrand 1.0

Properties and Characteristics of Earth Materials and Objects

Substrand 2.0

Changes in the Earth

Science

Strand: Scientific Inquiry			
Substrands and subcategories of substrands	**Interactions and Strategies**	**Included in "Bringing It All Together" vignette(s)?**	**If not, how could it be included?**
1.0 Observation and Investigation			
Observe and Describe	Facilitate children's observation skills.		
	Introduce children to the process of observing.		
	Introduce the term "observe" to children.		
	Encourage children to describe their observations.		
	Invite children to observe objects and phenomena related to the current focus of inquiry.		
	Invite children to record their observations.		

Science

Interactions and Strategies

- What interactions and strategies are represented in the vignette?
- If some interactions and strategies are not represented, how could they be?

Science

Interactions and Strategies

- What did you find?
- What does this tell you about the interactions and strategies for the Scientific Inquiry strand?
- What are some examples of where you could see these interactions and strategies at work?

- What was new and surprising to you?
- Where did you struggle and how did you overcome that?
- What did you learn about interactions and strategies that can be used for science curriculum?
- What would you like to learn more about? How can you pursue that?

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Science

- Read "Planning Learning Opportunities" and "Teachable Moments" in the introduction to the *California Preschool Curriculum Framework, Volume 3*, page 11.
- Write a brief paragraph on each topic
- Discuss the differences between them and why they are both important for teachers to use with young children.

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