



Science

The science domain in the *California Preschool Curriculum Framework, Volume 3* is:

- A companion to the science domain in the *California Preschool Learning Foundations, Volume 3*.
- A guide for teachers in planning curriculum that supports learning in science.
- Organized with the same strands and substrands as the foundations.

Science

The **foundations** are the **what**

~ goal-like statements that describe **what** children typically learn and develop with optimal learning opportunities and support.

The **curriculum framework** is the **how**

~ guidance for **how** teachers can intentionally support children's learning and development.

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Science

The science domain provides resources to support active learning experiences that:

“nurture children’s habits of inquiry, critical thinking, creativity, and innovative problem solving . . .”

California Preschool Curriculum Framework, Volume 3 (page 136)



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Science

The science domain in the *California Preschool Curriculum Framework, Volume 3* contains:

- Guiding principles
- Suggestions for environments and materials
- Vignettes
- Teachable moments
- Interactions and strategies
- Strategies for engaging families
- Research highlights
- Questions for reflection

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Science

Summary of the Strands and Substrands

Scientific Inquiry

(skills and language related to science)

1.0 Observation and Investigation

2.0 Documentation and Communication

Physical Sciences

1.0 Properties and Characteristics of Nonliving Objects and Materials

2.0 Changes in Nonliving Objects and Materials

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Science

Summary of the Strands and Substrands

Life Sciences

1.0 Properties and Characteristics of Living Things

2.0 Changes in Living Things

Earth Sciences

1.0 Properties and Characteristics of Earth Materials and Objects

2.0 Changes in the Earth

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Science

“Where have you encountered science in your life today?”



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**Glossary, page 244–46,
*Preschool Curriculum Framework, Volume 3.***

- Identify 3 new terms.
- Find 3 terms that are familiar.



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Science

**Glossary, page 244–46,
*Preschool Curriculum Framework, Volume 3.***

- Identify terms related to *scientific inquiry*
 - Observation
 - Investigation
 - Documentation

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- Did anything surprise you as you thought about your experiences with science on an everyday basis?
- Where did you find connections to terms in the glossary?
- What would you look forward to doing with young children that might relate to your experiences?
- What do you want to find out more about? How could you do that?