

# Investigation & Experimentation



Your **CKA Science Investigation & Experimentation Kit** has been specially designed to match the California Science Standards for Kindergarten. The kit includes all the materials you need for tons of hands-on science exploration and discovery—from magnets and magnifiers to a fun-filled game all about the five senses.

We've also included a series of activity cards. Each card features a list of the materials needed, plus step-by-step instructions for completing each activity. There's also a handy section listing which content standards are covered by each activity... plus extension activities and a list of related literature (if applicable).

Use the instructions on the card to guide students through the process. Your students will be on their way to success in science learning!

For your convenience, we have included a list of the materials included in your kit on the back of this card.

# ***Materials Included in the Kit:***

- 8 activity cards
- Hands-On Science Supply Center with:
  - 12 specimen viewers
  - 48 color paddles
  - 12 hand magnifiers
  - 12 magnets
  - 12 mirrors
  - 12 bar magnets
  - 12 thermometers
  - 12 eyedroppers
  - Cabinet with labeled drawers
- My Five Senses paperback book
- The Five Senses Science Discovery Game
- Yellow discovery tray
- Write & wipe prediction chart
- Write & wipe KWL chart (What I know / What I want to know / What I learned)

**NOTE:** Materials not included in the set are listed in italics on the activity cards.

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## Activity 1: Your Five Senses

### Materials needed:

- My Five Senses paperback book
- The Five Senses Science Discovery Game
- Write & wipe KWL chart (What I know / What I want to know / What I learned)
- *Write & wipe marker*

### Science content standards:

4. Scientific progress is made by asking meaningful questions and conducting careful investigations. As a basis for understanding this concept and addressing the content in the other three strands, students should develop their own questions and perform investigations. Students will:
  - a. Observe common objects by using the five senses.

# ***What to do...***

- Before starting the activity, fill in the first two sections of the KWL Chart with your class. What do students know about their five senses? Can they name all five? What do they want to know about their senses? **NOTE:** Use only write & wipe markers on the chart.
- Read the book *My Five Senses* with the class to introduce the concept.
- Explain that scientists use their five senses when they explore, investigate, or experiment with scientific concepts. Discuss how using your senses is the best way to gather information from the world around you.
- Demonstrate how to play the Five Senses Game. Place the game materials in your learning center. Encourage students to go to the center in groups of five to play the game.
- After everyone has had a chance to play the game, fill in the last section with what students have discovered about their five senses.