

# Life Science

Properties of plants  
and animals



Your **CKA Life Science 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 seed samples and photo cards to a complete Instant Learning Center all about plants.

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
- Plants Instant Learning Center
- From Seed to Plant paperback book
- 10 seed packets
- All About Plants Puzzle Set
- 2 kidney-shaped sorting dishes
- Jumbo magnifier
- All About Animals Photo Library
- Green discovery tray
- Write & wipe prediction chart

- Write & wipe KWL chart (What I know / What I want to know / What I learned)
- Storage tub

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

# Life Science

## Characteristics of seeds



### Activity I: Observing Seeds

#### Materials needed:

- Seed packets
- Kidney-shaped sorting dishes
- Green discovery tray
- Jumbo magnifier

#### Science content standards:

2. Different types of plants and animals inhabit the Earth. As a basis for understanding this concept:
  - a. Students know how to observe and describe similarities and differences in the appearance and behavior of plants and animals (e.g., seed-bearing plants, birds, fish, and insects).

For activity, turn this card over.

# What to do...

- Select a few samples from the seed packets and place them on the green discovery tray, along with the magnifier. Explain that the seeds are from different kinds of plants. Encourage children to use the magnifier to examine the seeds closely. If students aren't sure how to use the magnifier, model its correct use.
- Have students use the kidney-shaped trays to do different sorts with the seeds. Have them sort them by size, color, shape, etc.
- Take students on a walk around the schoolyard or neighborhood. Have them look for seeds of different plants or trees as they walk. How close are the seeds to the plants they come from? How are they the same? How are they different?
- **Extension Activity:** Bring in a large collection of various seeds. Have students glue them to construction paper to create "seed pictures."
- **Extension Activity:** Have students line a jar or zip-close plastic bag with paper towels. Put in some water, then place lima, pinto, or kidney beans between the paper and the jar or bag. Have students observe the seeds as they begin to grow.
- **Related Literature:** *The Carrot Seed* by Ruth Krauss; *How a Seed Grows* by Helene J. Jordan