Sunrise, Sunset

Introduction

In the book, *In the Trees, Honey Bees* by Lori Mortensen, readers follow the activities of a honey bee colony from morning until night. Invite students to create a special placemat. One side will show what bees do in the morning. The other side will show what they do at night. Students can use the morning side for breakfast, then use the backside at night for dinner.

Materials Needed

◈ Paper
◈ Crayons and Markers
◈ Scissors
◈ Clear plastic shelf paper
◈ Double stick tape

Key Concepts

◈ All organisms have different needs.
◈ The environment must supply the needs of organisms.

For standards correlation please see our website.

Procedure

1. After reading In the Trees, Honey Bees have students think about what the bees do in the morning and what they do at night.
2. Ask students to create two pictures. One picture will show what bees do early in the morning. The other picture will show what bees do at night.
3. When the pictures are finished, put pictures back to back. Attach with a little double stick tape in the corners.
4. Measure and cut enough plastic shelf paper to cover the front and back.
5. Peel away paper backing of plastic and lay picture carefully down on plastic sheet making sure there are no wrinkles.
6. Fold remaining plastic sheet over the top of pictures so the pictures are encased in plastic. Lay plastic over carefully so there are no wrinkles.
7. Smooth edges, then cut around pictures leaving 1/4" of plastic around the perimeter.

Nature Connections

◈ Invite students to think about what happens in the day vs. the night. What creatures might a honey bee encounter during the day? What creatures might they encounter at night?

◈ Go outside and look around. Ask students to imagine that they are the scout bee. Do you see good places to collect the four important items? What and where are they?

Additional Resources

Predators that honey bees encounter during the day and night:

◈ Yellow Jackets
◈ Frogs & Toads
◈ Largemouth Bass
◈ Hummingbirds
◈ Spiders
◈ Mites