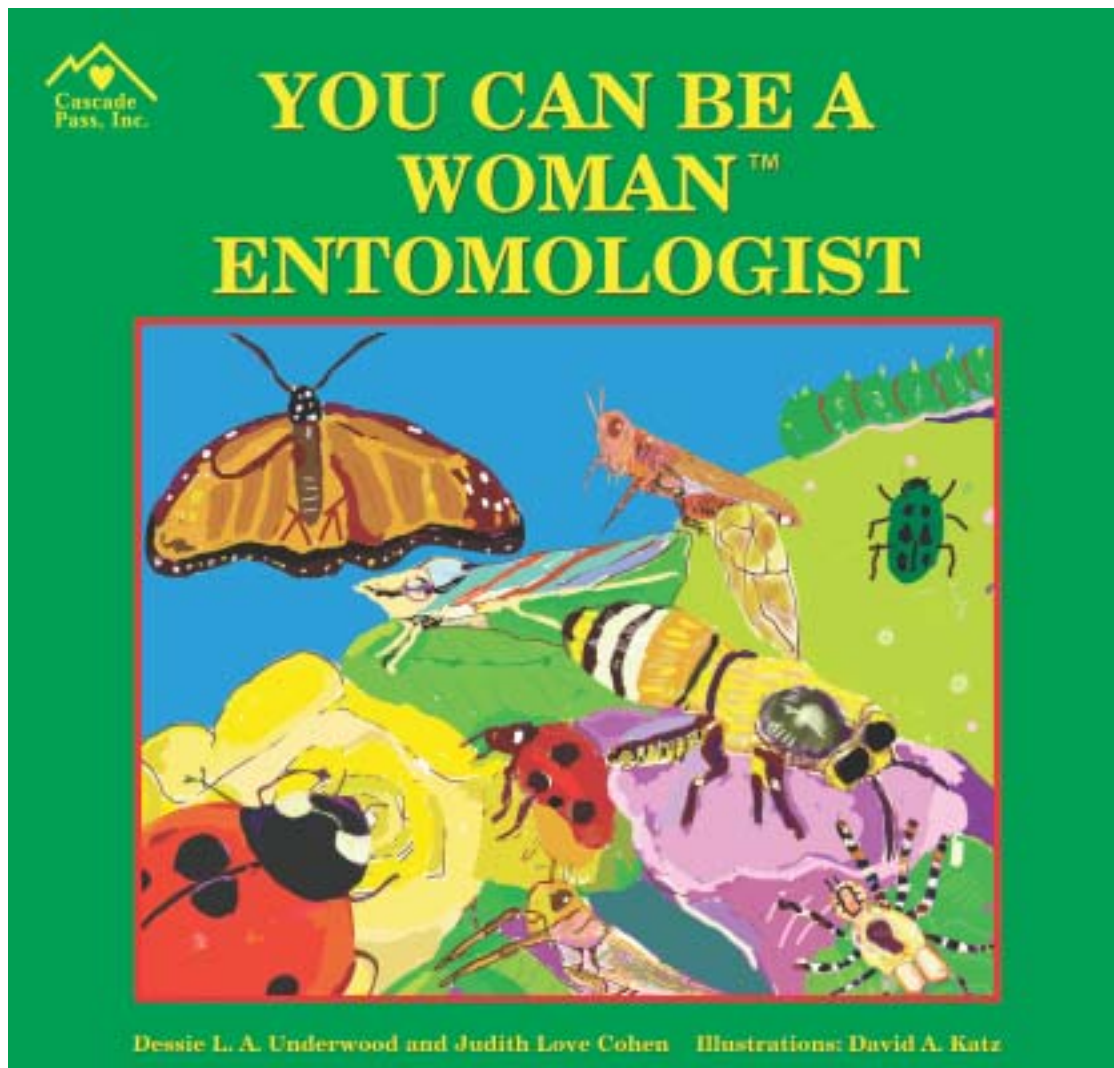




## YOU CAN BE A WOMAN™ ENTOMOLOGIST



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### SCIENCE LESSON PLAN 1

**PURPOSE:** To gain an understanding of the behavior of insects and to learn how to observe this behavior.

**MATERIALS:** Pens, pad of paper or notebook, magnifying glass, glass jar and a small paint brush.

**PROCEDURES:** Have each child select one insect to observe after school. It can be in its natural habitat, lawn, garden, pond, or captured for a short time. Have the children write down what they expect to observe and when and where they found them. They should draw a picture of their insect showing its size and color. The magnifying glass will show details such as compound eyes and leg joints.

Some insects move very fast. To have more time for observation have the children use a brush and knock the insect into a glass jar.

Remind them to return the insect to the place they found it.

**CONCLUSIONS:** What different kinds of insects were observed?  
How is the insect's behavior different from what you expected?  
What were the differences in observed behavior between different types of insects?  
Were there differences between two of the same kind of insect?  
What did you do to observe the insect without disturbing it?

### SCIENCE LESSON PLAN 2

**PURPOSE:** To understand what special habitats insects use.

**MATERIALS:** Scissors, glue, shoe boxes, art supplies (paper, crayons, paints, colored pencils and glitter).

**PROCEDURES:** Have children take the shoe box and create a jungle, rainforest, desert, or swamp inside. They should create large scale plants, flowers, and insects. Insects should be shown in their proper environments: Yucca moths in the desert, leaf cutter ants in the rainforest, mayflies in ponds, bark beetles in the woods.

**CONCLUSIONS:** What are the relationships between plants, flowers, and the insects that depend on them? How do colors and shapes relate?

**RESOURCES:** Library books such as *Pocket Insects*.

## SCIENCE LESSON PLAN 3

**PURPOSE:** Develop an understanding of the classification of insects.

**MATERIALS:** Bendable wire, string, pictures of insects (from magazines, calendars), scissors, glue, art supplies, construction paper.

**PROCEDURES:** Have the children construct mobiles using pasted pictures, drawings, or cutouts of insects to illustrate different themes in insect classification. Some of the 28 orders in the insect class include: beetles; wasps, ants, honeybees; butterflies, moths; flies; true bugs; grasshoppers; cockroaches; fleas; dragonflies.

**CONCLUSIONS:** What theme did you select and why?  
How does your mobile illustrate the theme you chose?  
What kind of insects belong to the classification you chose?  
How are the insects different from each other?  
How are they similar?

