

## Spider Search



### Preserve a Spider Web

Find an abandon spider web. To make sure that it is abandon you should tap the web very gently or blow light on the web. If a spider still lives on this web, it will move and you will see it. If no spider appears, the web is okay to preserve.

After you have found an empty web, sprinkle it with talcum powder or baby powder so that it is easier to see. Then spray a piece of black construction paper with hairspray or acrylic fixative, and while the paper is still wet, hold it to the web so that the web sticks onto the paper. Gently push the paper through the web, breaking any threads that hold the web in place. Spray lightly with hairspray or acrylic fixative, then put the spider web into your Environmental Science Journal. You may want to put your web in a plastic sheet protector before you put it into your journal.

### Spider Search

Go on a spider search of your area and fill out the following sheet for your Environmental Science Journal.

Before you go, try to find the answer to the

**SCIENCE BUG CHALLENGE:**

Spiders are not classified as insects. What group do they belong to?

What are the differences between spiders and insects?



## Spider Search

Look in a field guide and find out what kind of spiders live in your area. Make a list of these spiders. Are any of them dangerous to touch? Put an "X" next to the spiders that are dangerous.

### Spiders in My Area

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

When you see any of these spiders on your list in nature, put a check next to its name.

Why do spiders build webs? \_\_\_\_\_  
\_\_\_\_\_

How strong is a spider web? Research this question on the internet or in your library. The answer will surprise you! \_\_\_\_\_  
\_\_\_\_\_

Why is it important to check the web for spiders before you preserve it?  
\_\_\_\_\_  
\_\_\_\_\_

Different spiders build different kinds of webs. Some build webs on or in the ground, some build in corners, some build so their web hangs in the air. Why do spiders build in different places? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

How are spiders helpful to people? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Write interesting facts about spiders. You may want to use a field guide to help you.