

## **BROWNIE:BUGS**

Hey Girl Scout! Do you find yourself sitting outside watching the ants carry food. Or playing in the grass and catching a ladybug. If nature and bugs are your thing then this patch is for you. You will explore the world of bugs and learn more about these little creatures that do so much. When you have earned this badge, you'll know all about bugs!

### **Step 1: Draw a bug poster.**

1. Go outside and sit in your grass or near a tree and watch the bugs. Watch what they're doing and how they interact with what they come across. Spend 10 - 15 minutes observing the bugs.
2. Then get some paper and crayons and make your own poster. Draw the bugs in their habitat and feel free to add facts about the bugs.

Supplies:

1. Paper
2. Pencils
3. Crayons
4. Magnifying glass

### **Step 2: Try a bug craft.**

1. Now that we have observed some bugs, it is time to create. There are two fun ways to do this.
2. The first way is to get some rocks and paint. Then create your own bugs to go in your yard. You could make them all the same bug or mix it up with one or two of a different bugs.
3. The second way is to make different bugs out of paper. Get creative and see what bugs you can figure out how to make with paper. Try to make at least one of your bugs 3-D. Display these on the window.

Supplies:

1. Rocks and Paint
2. Paper and Scissors

### **Step 3: See bugs in action.**

1. Go back outside. Now you need to find and observe 3 types of bugs. Draw a sketch and then write three complete sentences about each bug you see.

Supplies:

1. Paper
2. Pencil
3. Crayons
4. Magnifying glass

### **Step 4: Explore bug homes.**

1. Think about the different types of homes of different bugs. With the help of a parent, research the homes of different bugs. See if any bugs change homes as they grow older.

2. Then make a bug hotel. Take a 2 liter bottle, get help cutting off the top and bottom. Then cut that in half so you have two cylinders. Then stuff the cylinders tight and full of twigs, leaves, wood, etc. Then put the hotel out by trees or in the grass. Come back the next day and check out all of you bug residents.

Supplies:

1. Computer
2. 2 liter bottle
3. Scissors
4. Twigs, leaves, wood

**Step 5: Take a bug field trip.**

1. Now it is time to see bugs in another place. Go to a state park, beach, creek, or a farm. Think about your surroundings and what things you see that could attract bugs. Notice the bugs on the ground, in sand, in the water. or on trees. Observe them and try to figure out what is happening in their lives and what they are doing.
2. For added fun, create a story about the bugs life and share with your family.