



Brownie Bugs Badge

Pillar: Outdoors

Outcomes: Build a strong sense of self

Thanks to our friends at the KU Natural History Museum, watch this great video to get your Bugs badge started: <https://youtu.be/U95eqp0AAI8>

Brownies will earn their badge by:

1. Draw a bug poster
 - a. Let us talk bugs for a moment. What are bugs? In our part of the world bugs are any small insect! Bugs include:
 - **Insects** – Any bug made of chitin (chitin is a shell like substance that makes the crunch sound after you accidentally step on a beetle or ant), three main body parts (head, thorax, and abdomen), jointed legs, eyes, and a pair of antenna.
 - **Arachnids** – Spiders, scorpions, ticks and mites. Almost all of them have 8 legs!
 - **Myriapods** – Centipedes and Millipedes. This group contains over 16,000 species and can have up to 750 legs!
 - **Worms** – Think Earth Worms!! These guys have no eyes or legs. Specializing in eating dirt and tiny bits of organic matter.
 - **Mollusks** – Snails and slugs. Maybe not the first thing you would think of when you think of bug, but they can be considered one!
 - b. Draw or color a picture of your favorite insect or animal from this list. Create a collage with magazines or get out the paint and get creative. Or find a coloring page of one! [Look for some here.](#)
 - c. Check out this video about insects to get some inspiration for your poster – [The Top 10 Insects in your Backyard.](#)
2. Try a Bug Craft
 - a. There are so many GREAT Bug crafts and SWAP Ideas that you can do from home! Here are our Top 5!
 - [Circuit Bugs](#) – Must have adult supervision as you will be playing with electricity!
 - [Glass Stone Bugs](#) – Make it as a fun toy or decoration or get extra craft and make it a Swap!
 - [Bottle Cap Bugs](#) – a great idea for a SWAP and it incorporates recycled materials!
 - [Paper Plate Bugs](#) – very fun craft and there are so many variations!
 - [Firefly Sun Catchers](#) – get inspired and brighten up your home with this Fun Sun Catcher Craft!
3. See Bugs in Action
 - a. The best way to see bugs in action is to go outside with your family on a walk to the park or maybe go to your backyard. Bring a small notebook and pencil to practice taking observations like a real scientist, you can draw or write what you see.



4. Explore Bug homes

- a. For a snail their shell is their home, for a spider their web, and for most insects a nook and cranny in a log, a corner of a room will do just fine. Did you know that you can build a bug home or hotel to encourage nesting in other areas?
 - Check out the [Eden project](#) and how they build their insect hotels!
 - [How to Make a Bee Condo Video](#) – Silver Award Project by Ella and Ellie from Lawrence Kansas!

5. Take a Bug Field Trip

- a. Bugs can be found everywhere... take a trip to the park or around your neighborhood!
- b. KC Zoo has a ton of “Zoo to You” videos where you can take a trip to the zoo from the comfort and safety of your home! Watch the [KC Zoo’s Creepy Crawlies Video](#)
- c. Did you know some spiders have Superpowers?! Meet Portia the spider and learn how she hunts for food [Check out BBC’s The Hunt Video](#)
- d. Check out the extraordinary web building capabilities of a Darwin Black Spider. [Check Out BBC’s the hunt video.](#)
- e. Learn about the beauty of butterflies with [Butterfly – My animal Friends](#)
- f. How about the amazing world of bees! From Animalogic – [The Amazing World of Bees Video](#)

Share your work on the [GSKSMO Virtual Art Show](#)

When you’re finished: Congratulations, you have earned your badge! You can purchase by emailing shopdept@gksmo.org or at <https://www.girlscoutshop.com/BROWNIE-BUGS-BADGE>.

No shipping charges apply at this time.

