

## Insects ABC's

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## All Grade Level Patch

A resource booklet is available at www.gscb.org to assist with completing this patch.

## To earn this patch:

Daisy - complete three or more items.

Brownie - complete six or more items.

Junior - complete nine or more items.

Cadette, Senior and Ambassador - work with two or more younger troops to earn this patch.

- 1. Learn the parts of an insect. Draw an outline of an insect and label its parts.
- 2. Learn about the life cycle (metamorphosis) of an insect. What are the stages of an insect and how long does the process take?
- 3. Learn the names of the six major insect groups. Name two different insects from each group and try to find a picture of each. What are the differences between each insect group?
- 4. Why do we have insects? How do they help us? How long have insects been around?
- 5. Insects have a wide variety of predators, including birds, reptiles, amphibians, mammals, carnivorous plants and other arthropods. In order to defend themselves, insects have evolved a wide range of defense mechanisms. What are the different types of defense mechanisms insects use to protect themselves?
- 6. Find out what the largest and smallest insects in the world are called. Find out where these insects live.
- 7. What is an Entomologist? Learn about what role they play for insects. What do you have to do to be an Entomologist? How long does it take? Talk to a Naturalist and learn what they do for insects. How do you learn to be a Naturalist?
- 8. Do two activities from the Insects ABC's Resource Book.
- 9. Write a story or poem, factual or fiction, about insects.
- 10. Play a game or learn a song that represents insects.
- 11. Create a craft that represents the butterfly.
- 12. Observe an area where there is a population of insects.
- 13. Have a picnic, create food or enjoy food that represents insects.
- 14. Complete a community service project that symbolizes insects or assists insects. Examples include: creating insect themes crafts and donate them to hospitals or elderly homes; make insect themed treats and donate them; or adopt an insect.



