of the chesapeake bay

## Insects ABC's

## 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.
J unior- 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 longdoes 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.

