Ramble through the woods as you join Grammy and her favorite grandkids on a summer walk. Learn to recognize twenty-four different bugs, from grasshoppers to moths, snails to katydids. Includes instructions for how to create your own caterpillar habitat; observe over time as your caterpillar turns into a beautiful butterfly you can then release on your next summer walk.



### VIRGINIA BRIMHALL SNOW

\$8.99 (

13: 978-1-4236-5394-3

## WALKING STICK

I kicked stones and sticks, "Wait, that one's alive.

> It's camouflaged," Grammy told me. "That's how they survive."

> > $\bigcirc$

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2800

# BOXELDER BUG



The sun was quite warm, so I rested in the shade,

Watched little insects, and sipped lemonade.

# HONEYBEE

E

# FIREFLY

We were almost home when the sunset blazed red.

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M/10

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"Grammy, can we catch fireflies before we go to bed?"

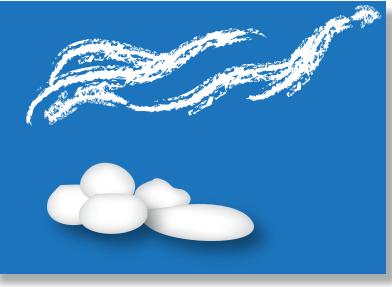
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### **CLOUD SHAPES PICTURE**

#### YOU WILL NEED:

- Construction paper
- Cotton balls 63
- Glue
- Toothpicks for spreading glue (optional)





### **DIRECTIONS:**

- Gather all of the materials on a table.
- Choose a colored paper. For a daytime picture, try using a blue paper. Orange paper can look like a sunset, and pink is great for a sunrise.
- For thin, wispy clouds (cirrus), stretch a cotton ball out until you can 63 see through it. Spread some glue on the paper, using a toothpick if you want, and pat the cotton cloud in place.
- For fat rain clouds (cumulus), stretch a cotton ball just a little and glue it down. Then slightly stretch one or more cotton balls and glue them next to the first one or on top of it.
- Use your imagination to make lots of unique shapes with the cotton 63 ball clouds.

### YOU WILL NEED:

- and ring
- Hammer and nail
- Paper towels
- © Caterpillar
- caterpillar

OR

Parsley leaves for swallowtail caterpillar



## HATCHING BUTTERFLIES

- A large glass mason jar with lid

  - Small stick that will fit in the jar
- Milkweed leaves for monarch

#### **DIRECTIONS:**

- With the help of an adult, use the hammer and nail to punch a few holes 63 in the lid.
- <sup>©</sup> Put a paper towel in the bottom of the jar. (This makes it easier to clean up the caterpillar poop.)
- Put a stick in the jar, propped against the side. This gives the caterpillar something to hang its chrysalis from.
- To find a monarch caterpillar, look on milkweed plants. Look on parsley plants for a swallowtail caterpillar. When you find a caterpillar, pick the stalk of the plant it is on and put both in the jar.
- © Caterpillars get the water they need from the plants they eat. Take good care of your caterpillar by giving it a fresh stalk of leaves every day, and throw away the old leaves. They are very picky about their food, so only feed them the type of leaves you found them on. Also change the paper towel in the bottom often to help them stay healthy.
- In a few days, the fat caterpillar will spin a chrysalis and rest inside while it turns into a butterfly. It might not choose the stick you put in to hang from. That's okay. The chrysalis will change color as the butterfly forms and gets close to coming out. Check it often.
- When the butterfly emerges from the chrysalis, take it outside and 63 watch while it stretches its wings and then flies away. Be careful not to touch the wings, because they are fragile.
- If you do not live where you can find caterpillars, commercial butterfly raising kits are available with coupons to purchase live caterpillars and food.