

SCIENCE 4 ME



Explore your world with this Science-4-Me adventure!



Computer Fun!

pbskids.org/curiousgeorge/busyday/bugs/
Help Curious George the monkey catch bugs!

Bugs

Picture Books:

Butterfly, Butterfly, Petr Horacek
Some Bugs, Angela DiTerlizzi
Bugs Galore, Peter Stein
Bye, Bye, Big Bad Bully Bug, Ed Emberley
I Love Bugs, Philemon Sturges
Grouchy Ladybug, Eric Carle

Early Readers

Bugs and Us, Patricia Murphy, ER 595.7 MUR
Creepy Crawlies, Anita Ganeri, ER 595.7 GAN
Stinky Bugs, Joan Emerson, ER 595.7 EME
Because a Little Bug went Ka-Choo, ER Stone
Clever Critters, Nora Gaydos, ER Gaydos
Series—Insect World, Mari Schuh, ER 597.7 SCH

In-Depth

National Geographic: Little Kids First Big Book of Bugs
The Beetle Book, Steve Jenkins, J595.76 JEN
Play and Find our about Bugs, Janice VanCleave, J 595.7 VAN
Bug Detective, Maggie Li, J 595.7 LI000
Really Weird Animals, Clare Hibbert, J595.76 HIB

Non-fiction

Bugs, Bees, and other Buzzy Creatures, J 595.7 BUG
Bugs are Insects, Anne Rockwell, J 595.7 ROC
Ant, Ant, Ant, An Insect Chant, April Sayre, J 595.7 SAY
Have You Seen Bugs? Joanne Oppenheim, J 595.7 OPP
World of Insects, Learning Ladders, J 595.7 WOR

LOCAL CONNECTION

Springs Preserve

333 So. Valley View Blvd @ U.S. 95

springspreserve.org

Wander through the unique Butterfly Habitat at the Springs Preserve and witness the fascinating dance of hundreds of butterflies.

Gibson Library

100 W Lake Mead Pkwy, 89015
(702) 565-8402

Green Valley Library

2797 N Green Valley Pkwy, 89014
(702) 207-4260

Paseo Verde Library

280 S Green Valley Pkwy, 89012
(702) 492-7252

Waggle Dance

ACTIVITY!

A honeybee hive needs a lot of honey, and that means a lot of flower nectar. When a scout bee finds flowers, she goes back to the hive to tell the other bees where the flowers are. How does she tell them? She does the **waggle dance**! Read the book: *Bee Dance*, by Rick Chrustowski from your local library, then watch the waggle dance at:

<http://video.nationalgeographic.com/video/weirdest-bees-dance> (there are other videos, too)

Do the waggle dance with your child!

What you need:

One flower, or the picture or drawing of a flower

One mat or rug

You and your child, or two children

Try this:

1. Place the mat or rug in the middle of a room. This will mark where the hive is located.
2. Choose one child to be the scout bee. This child should hide the flower somewhere in the room where no one can see it.
3. Next, on the rug the scout bee (parent or child) performs the Waggle Dance to tell others where the flower is located. Wiggling in a figure "8", but walking in a straight line in the center pointing with head towards the flower. See Waggle Dance illustration



Electronic Resources

(download from www.hendersonlibraries.com)
Bugs, Bugs, Bugs, by Bob Barner
The Secret Lives of Backyard Bugs, by Judy Burris
Bugs Hide and Seek by Laura Buller
Fly Guy presents Insects by Tedd Arnold
Busy Insects by Lisa Kurkov

What's the connection between science and writing? Scientists are chronic writers! They write down hunches, observations, and they sketch whatever they are studying. Writing and sketching are important tools real scientists use to help themselves think.

JOURNAL

Locate a section of sidewalk or driveway where ants congregate. Place small pieces of three to five different foods, such as candy, fruit, crackers, and cheese on the ground. Make a small mark next to all the food. Leave for an hour, and then revisit often to see which food the ants like best, if any. Write what happened. Which food did the ants seem to like? Did they take the food away? Write your results.