

# Ultimate Bug-Opedia

## A RIF GUIDE FOR PARENTS AND FAMILIES

**Themes:** Insects

**Book Brief:** Did you know that thrips could set off your smoke detector alarm? Read to find out more interesting facts about insects!

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## TIME TO READ!



**Before reading, build background:** Ask your child to think of the weirdest or most random fact they know about bugs. Where did they learn it? Do you think it's true?

**While reading, make connections:** Which facts from the book are familiar? Do any of the facts make you think of things you've seen? Do any of the facts

remind you of another book that you have read, perhaps about insects? What other book has "-opedia" at the end?

**After reading, ask questions:**

- ◆ Which bug fact was most surprising to you?
- ◆ Did you read any facts that you already knew?
- ◆ What is the purpose of reading a book like this with so much information?

## RELATED ACTIVITIES

### BUGGY SNACK!

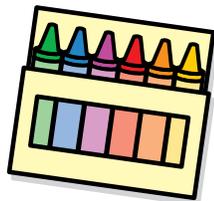
Ingredients: round crackers, cream cheese or cottage cheese, cherry tomato halves, olive

Start with a cracker. On top, spread a bit of cream cheese or cottage cheese. Then, place two tomato halves on top of the cheese spread. Last, put the olive beneath the tomato to make a face. Enjoy!

### FAMILY ENCYCLOPEDIA

Materials: pencil, paper, markers or crayons

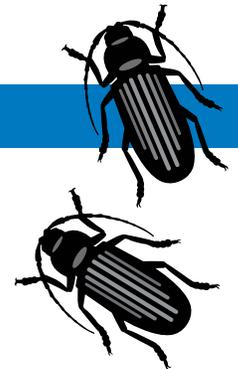
Think of 3-5 questions that you would like to ask each member of your family. Interview each family member and write down your answers. Draw a picture of each family member to go with their answers. Put all of the information together in a family fact book! Make sure to ask about their favorite bug!



### OBSERVATION DECK

Materials: large empty plastic juice bottle (with a flat side); scissors; hot glue; scrap piece of window screen or tulle; small rocks, twigs, grass, etc.

Remove labels and wash juice bottle. Place bottle on its flat side and use scissors to create a small opening on side that faces up. Cut a piece of screen to overlap the opening by about 1/4" around each edge. Use hot glue to secure screen window to one side of the opening on the bottle. (DO NOT use hot glue without an adult!) Place rocks and other natural materials inside bottle. Catch bugs in your bottle by putting it on the ground where insects can climb in. Watch your bugs! Write down your observations and compare to any related facts in *Bug-Opedia!* Be sure to let your bugs go when you're done.



## ADDITIONAL RESOURCES

### OTHER BOOKS BY NATIONAL GEOGRAPHIC KIDS

*125 True Stories of Amazing Animals* (2012)  
*5,000 Awesome Facts About Everything!* (2012)  
*Animal Encyclopedia* (2012)



Reading Is  
Fundamental