

Build-a-Bug

A Next Generation Science Aligned Activity for

100 BUGS!

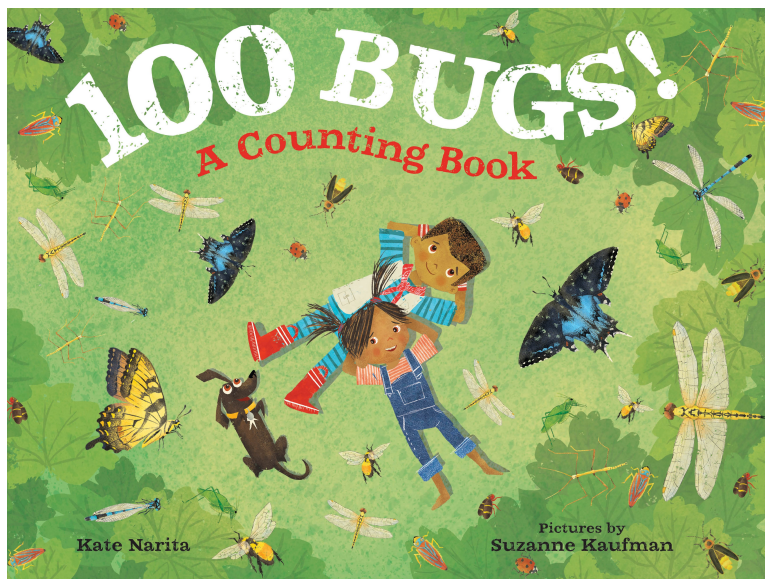
A Counting Book

FARRAR STRAUS GIROUX
New York

Written by Kate Narita

Illustrated by Suzanne Kaufman

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“Packed with great extension possibilities, visually engaging illustrations, and quick rhymes, this read-aloud would be a great addition to any

STEM shelf.” —Kirkus Review 

Meet the Team

Kate Palaces Narita is the author of *100 Bugs! A Counting Book*. When she's not out and about driving, teaching fourth grade or cheering on her two teenage sons, Kate lives, writes, and hikes on a small mountain in central Massachusetts. There's a magical part of Mt. Wachusett in every one of her stories. Be it small wonders like darting dragonflies and gorgeous garden phlox, or large wonders like munching moose and beautiful balsam firs, she celebrates nature's bounty each and every day. Visit her at www.katenarita.com.



Suzanne Kaufman is an author, illustrator, animator and lover of school potlucks. She is the author-illustrator of *Confiscated* and *I Love Monkey*. Her previously illustrated work includes books: *All Are Welcome*, *100 Bugs*, *Naughty Claudine Christmas*, and *Samanthasaurus Rex*. Over the years, she's done everything from animating special effects for Universal Television and Discovery Channel, to animating award-winning video games for children. When not tramping through the wilds of the Pacific Northwest, you will find her teaching animation or working in her studio. She lives in Seattle with her husband and two creative daughters of her own. Visit her at www.suzannekaufman.com.



Lisandra Flynn is an editor turned elementary school teacher who works with Kate. She has a flair for design and enjoys creating learning resources for her students and fellow teachers. When she's not teaching or tediously reorganizing her classroom, Lisandra enjoys hiking, crafting, and decorating her home in central Massachusetts, which she shares with her husband, baby boy, and two feisty cats.



Build-A-Bug

Name: _____

Look at the egg cartons, pipe cleaners, googly eyes, construction paper, toothpicks, and other goodies your teacher has gathered for you. Draw a picture of your new insect below. Remember that all insects have a head, an abdomen and a thorax as well as six legs. Then, fill out the information about your insect. After that, it will be time to build your bug!



Insect name: _____

Does your insect pollinate flowers? _____

Does it fly during the night or day? _____

What's your insect's super power? Does it leap forty times its body length like a leafhopper, carry 10-50 times their body weight like an ant, or create food like a honeybee? Insect super power: _____



Build-a-Bug Next Generation Science Standard Alignment

From Molecules to Organisms: Structures and Processes

1-LS1-1: Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs. (Grades K-2)

1-LS1-2: Read texts and use media to determine patterns in behavior of parents and offspring that help offspring survive. (Grades K-2)

4-LS1-1: Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction. (Grades 3-5)

4-LS1-2: Use a model to describe that animals receive different types of information through their senses, process the information in their brain, and respond to the information in different ways. (Grades 3-5)

Heredity: Inheritance and Variation of Traits

1-LS3-1: Make observations to construct an evidence-based account that young plants and animals are like, but not exactly like, their parents. (Grades K-2)