

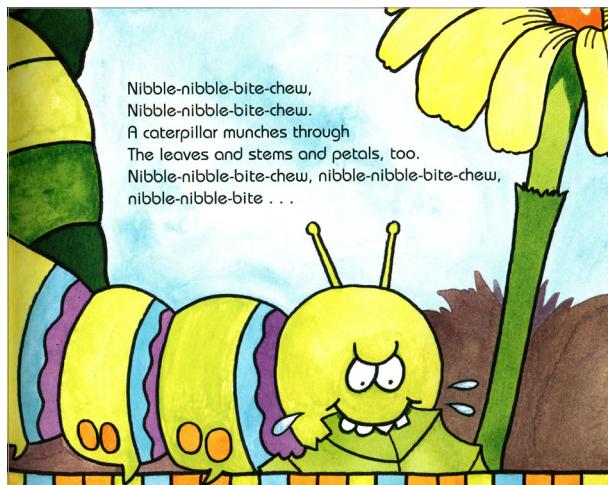
# Pattern Bugs

by Trudy Harris and Anne Canevari Green

AGE LEVEL 4–6 YEARS

## About the Story

This story introduces children to different bugs, each with its own pattern. The bees *buzz-buzz-buzz-sip, buzz-buzz-buzz-sip* the pollen and nectar. The butterflies *flutter-float-flutter-float* in the sky while the cricket loudly *chicka-chirp-chirps, chicka-chirp-chirps*. Children can listen for the patterns and look for them hidden in the illustrations until nighttime appears and the bugs go to sleep.



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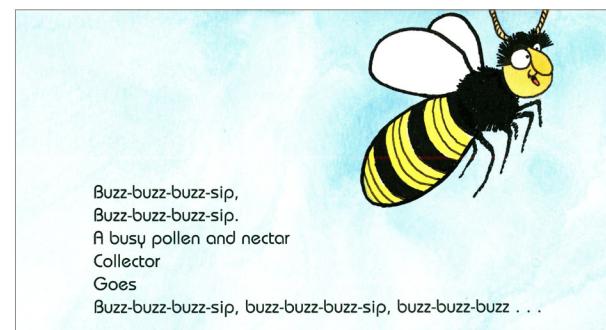
## Words to Learn

pattern, flutter, float, skitter, scoot, crawl, nectar, chew, chirp

## About the Math

This story is about repeating patterns. While listening and looking for the patterns on each page, children can learn that:

- Patterns repeat in predictable ways. For example, we see the beetle *skitter-scoot-crawl, skitter-scoot-crawl*, which repeats over and over again.
- We can guess what comes next in the pattern by listening to what repeats. When we hear *nibble-nibble-bite-chew, nibble-nibble-bite-chew*, we can guess what comes next: *nibble-nibble-bite... chew!*
- There are different types of patterns, such as *flutter-float-flutter-float* (ABAB) and *buzz-buzz-buzz-sip, buzz-buzz-buzz-sip* (AAAB).
- The color stripes on the top and bottom of each page have the same pattern as the bugs.



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## Math Talk During Reading

### TALK ABOUT THE PATTERNS IN THE STORY

What pattern did you hear on this page? What pattern did you see?

### GUESS WHAT COMES NEXT IN THE PATTERN

Listen to the pattern: nibble-nibble-bite-chew, nibble-nibble-bite ... What comes next?

### EXPLORE HOW SOME PATTERNS ARE DIFFERENT

How does *flutter-float, flutter-float* sound different than *skitter-scoot-crawl, skitter-scoot-crawl*?

### NOTICE HOW SOME PATTERNS ARE THE SAME

What do the color stripes on the top and bottom of the page tell you about the pattern?

*Try to come up with some of your own questions and comments, too!*

## Activity After Reading

### CHILDREN CAN PRACTICE DRAWING THEIR OWN PATTERN BUGS

Let's draw our own pattern bugs using different colors and shapes! What pattern should we make?