

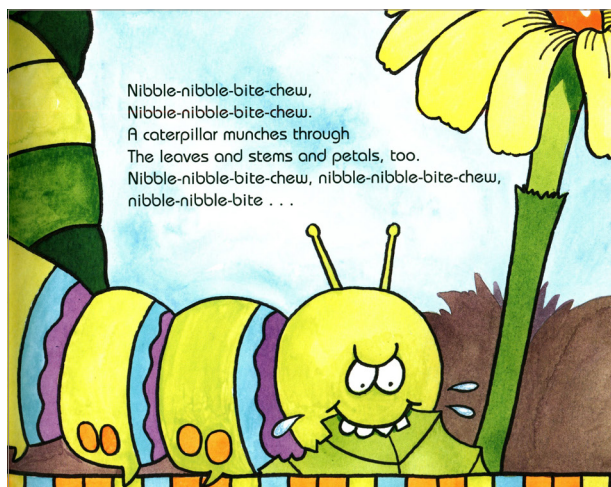
Pattern Bugs

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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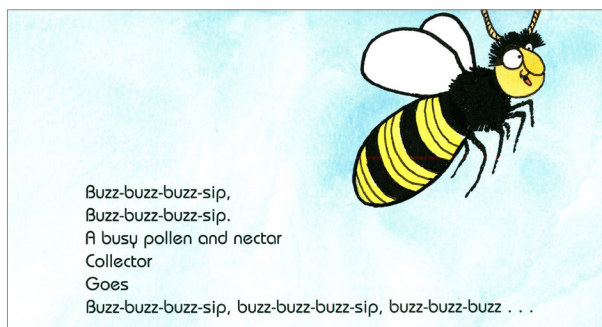
Words to Learn

pattern, flutter, float, skitter, scoot, crawl, nibble, 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?