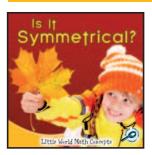
LITTLE WORLD MATH CONCEPTS: IS IT SYMMETRICAL?

TEACHER NOTES



Summary

This book describes the difference between things that are symmetrical and things that are not symmetrical. It provides the reader with pictures to help them visualize the object to see if it is symmetrical or not.

Guided Reading Level	Lexile Level	100th word	Total Word Count
E	150-199	half p.16	147

Standards:

Common Core Language Arts

Ask and answer questions about the text

Common Core Math

- Making sense of equal parts
- Making sense of symmetry

Lesson Focuses for Guided Reading (Select lesson focus based on Student's needs)

Writing Craft	Comprehension	Reading Strategies Decoding, & Phonics	Academic Vocabulary	
Connecting self to text Questioning	Previewing Making predictions Checking answers Connecting self to text Summarizing the main idea	Predicting Cross-checking text to pictures Self correcting	butterfly cloud crab half ladybug leaf left	pinecone rock symmetrical

Lesson

- Warm up for reading Students read familiar books or with a partner.
- Introduction of Is It Symmetrical? Introduce Is It Symmetrical? by looking at the cover photo and starting a discussion about what is symmetry and how do we divide things into half.
 Suggested questions to facilitate introductory conversation:
 - What do you think this book is about?
 - Describe what is on the cover of this book?
- Skimming and Scanning Is It Symmetrical? Use this time to introduce or review your lesson focus strategies and/or skills. Suggested skimming and scanning prompts:
 - Are the pictures important when you answer the questions?
 - On pages 8 and 10, how does the author show the items are symmetrical?
 - What does symmetrical mean?
- **4.** Reading **Is It Symmetrical?** Students read independently.

5. After reading Is It Symmetrical? – Open the conversation with a question that relates to the comprehension strategy of previewing, predicting, and checking the answer. After a brief conversation about the contents of the book, move to questions that support your lesson focus.

Suggested after reading content connection questions:

- Look on page 11. Is the ladybug symmetrical?
- Is everything able to be divided symmetrically?
- Can you provide an example of something that we can divide symmetrically in the classroom?

Suggested after reading lesson focus prompts:

- Can you tell us in your own words why the cloud on page 13 is not symmetrical?
- How would you feel if you and a friend shared a cookie and it was not cut symmetrically? Which half would you want?
- After Reading Application for Is It Symmetrical? Students will identify symmetrical objects.



Name:			

Date:

Is It Symmetrical?

Directions: Look in the pictures and circle the ones that are symmetrical and put X's on those that are not symmetrical.

