MATH STORYBOOK GUIDE

Inside, Outside, Upside Down by Stan and Jan Berenstain AGE LEVEL 2-4 years

About the Story

In this simple story, Brother Bear gets in a box that gets turned upside down, taken outside, and put on a truck. Children learn about spatial words when the box goes outside, falls off the truck, and Brother Bear lands right-side up.



Inside a box Upside down

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Words to Learn

Guide by Colleen Uscianowski

SPATIAL WORDS

inside, outside, upside down, falling off, right-side up

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About the Math

This story introduces children to spatial ideas. As they take a journey with Brother Bear in the box, children can learn:

- To describe the location of objects using spatial words, such as inside.
- To describe the direction of objects using spatial words, such as falling off.
- To name spatial words that are the opposite of one another, such as upside down and right-side up.



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Development and Research in Early Mathematics Education

Math Talk During Reading

TALK ABOUT WHAT IS HAPPENING IN THE PICTURE, EMPHASIZING WORDS THAT DESCRIBE SPATIAL RELATIONSHIPS

Do you see Brother Bear getting in the box? Where is the box going? How do you know?

CONSIDER OPPOSITES

What is the opposite of going on the truck? What is the opposite of getting inside the box?

MAKE PREDICTIONS

What might happen next in the story? If the box is upside down and we turn it around, will it still be upside down?

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

Activity After Reading

TRY WRITING A STORY OF YOUR OWN USING THE SAME WORDS

Let's write our own story using the words inside, outside, and upside down.

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