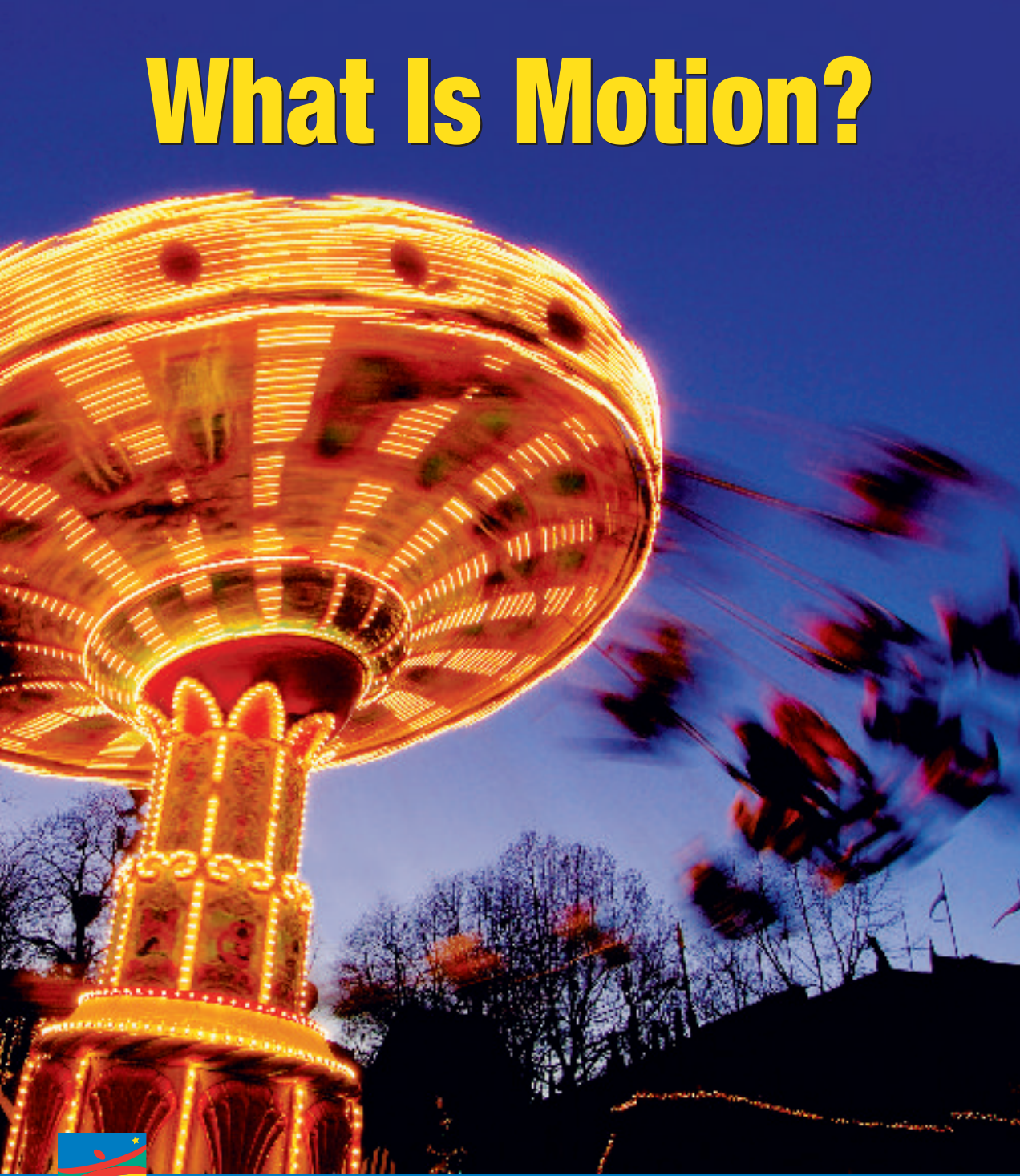
What Is Motion?



by Mary Clare Goller

Benchmark EDUCATION

Level 12 G Word Count: 159*

The Big Idea

This book tells about the scientific concept of motion, and forces such as push and pull.

Skills at a Glance

Monitor-Reading:
- Read aloud to clarify

Comprehension:
- Identify stated main idea and supporting details

Phonics:
- Digraphs ch and sh (much, push, shovel)

Fluency:
- Read with phrases

Content Vocabulary:
- force, lifts, motion, move, pull, push

Grammar, Word Study, and Language Development:
- Use the pronoun "he"
- Use base words (move/moving, pull/pulls, push/pushes/pushing, run/running)

Sentence Patterns:
- You can ___.
- ___ uses ___.

* Numerals, vocabulary words on pages 2 and 3, and words in photo captions, labels, diagrams, and charts are not included in the word count for this book.

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What is motion?



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I need to know these words.

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bike



bucket



push



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scooter



shovel



wagon



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These boys run.
These boys are in motion.



▲ These boys are running.

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This boy rides a bike.
This boy is in motion.
The bike is in motion, too.



▲ This boy is moving.

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You can move your body.
You can move things, too.



▲ Two girls move the rope.

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What makes motion happen?
A force makes motion happen.
You use force to push.



▲ The woman is pushing.

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Jason pushes the scooter.
The scooter moves.



▲ Jason makes motion happen.

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Steve uses force to pull.
Steve pulls a wagon.
The wagon moves.



▲ A force makes the wagon move.