COMPLETE STORY + QUIZ

Maya and the Wind-Powered Parade Float

Maya and the Wind-Powered Parade Float | Suggested ages 5-6



Maya experiments with sail size and wheel alignment to move a toy parade float with wind.

Read, talk, and discover

The complete story is followed by questions and a separate answer guide. Read aloud together, pause to talk, and take your time.

Print on US Letter at actual size, or choose Fit for A4. Use single-sided printing for activity cards. Black-and-white printing is suitable.

Part 1

Maya's class planned a tabletop parade. She wanted her small wheeled float to move using wind from a classroom fan.

Part 2

She attached a tiny paper sail. The sail fluttered, but it did not catch enough moving air to push the float.

Part 3

Maya tried a very large sail next. It caught the wind, then bent backward and rubbed against the wheels.

Part 4

She cut a medium triangular sail and reinforced its edges with light paper strips. The sail stayed open without touching the wheels.

Part 5

The float rolled in a curve instead of straight ahead. Maya discovered the front wheels pointed in different directions.

Part 6

She lined up both axles and tested from the same starting tape. The wind pushed the float smoothly across the table.

Part 7

Maya added light streamers that did not drag. During the parade, the float traveled past all four distance markers.

Part 8

Maya learned that the sail must catch enough wind without blocking other parts. Straight wheels help turn a push into forward motion.

Draw, tell, or write

Draw your favorite part of the story. Tell a grown-up what happened before it and what happened next.

My favorite part, and why I chose it

STORY QUIZ

Think about the story

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Name: _____ Date: _____

Read each question and all the choices. Circle one answer. A grown-up can read aloud; you can point or say your answer, too.

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1. What was supposed to move Maya's parade float?

A. Wind from a classroom fan	B. A hidden motor	C. Water from a hose

Tell someone how you decided, or write a few words.

2. What problem did the very large sail cause?

A. It turned into a kite	B. It bent back and rubbed the wheels	C. It made the table wet

Tell someone how you decided, or write a few words.

3. Why did the float first roll in a curve?

A. The streamers were singing	B. The fan was unplugged	C. The front wheels pointed in different directions

Tell someone how you decided, or write a few words.

Questions 4 to 5

4. What did Maya do before the successful test?

A. She lined up both axles	B. She removed every wheel	C. She folded the sail closed

Tell someone how you decided, or write a few words.

5. What two features made the float work well?

A. Heavy streamers and bent wheels	B. A useful sail and straight wheels	C. A tiny sail and no axles

Tell someone how you decided, or write a few words.

ANSWER GUIDE

For the grown-up

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Keep this page separate from the child's activity. Read directions aloud when helpful, and invite the child to explain their ideas.

1. A - Wind from a classroom fan

Wind from a classroom fan

2. B - It bent back and rubbed the wheels

It bent back and rubbed the wheels

3. C - The front wheels pointed in different directions

The front wheels pointed in different directions

4. A - She lined up both axles

She lined up both axles

5. B - A useful sail and straight wheels

A useful sail and straight wheels

Keep exploring

Draw your favorite part of the story. Tell a grown-up what happened before it and what happened next.