Name: _____ Date: _____

Wheels Help Us Move

Circle group

A wheel is round. It rolls. Wheels help us move things.

Push a big box on the floor. It is hard! The box rubs the floor. Now put the box on a cart with wheels. Now it moves well!

A wheel turns on a rod. The rod is an axle. The axle holds the wheel in place.

Lots of things have wheels. Bikes, cars, wagons, and skateboards have wheels. Wheels help us go far. They help us move big loads.

Questions

1. What shape is a wheel?

_____

_____

2. Why is a big box hard to push?

_____

_____

3. What is the rod a wheel turns on?

_____

_____

4. Name two things with wheels.

_____

_____

5. Why is a box on a cart easy to move?

_____

_____

Words to know

wheel: a round thing that turns and rolls
axle: the rod in the middle that a wheel turns around
cart: a small vehicle with wheels that carries things
rub: to press and slide against something

Talk together (every group has these)

1. Find one fact that every group read. How did your sheet say it?
2. What did your sheet tell you that you think another group's did not? Ask them.
3. What is one question about this topic that none of the sheets answered?

Name: _____ Date: _____

Wheels Help Us Move

Triangle group

A wheel is round, and it rolls. Wheels help us move things.

Try to push a big box across the floor. It is hard, because the box rubs the floor. Now put the box on a cart that has wheels. The box moves with ease!

A wheel turns around a rod called an axle. The axle holds the wheel in place.

Many things have wheels. Bikes, cars, wagons, and skateboards all have wheels. Wheels help us go far and carry heavy things.

Questions

1. What shape is a wheel?

_____

_____

2. Why is a big box hard to push across the floor?

_____

_____

3. What is the rod that a wheel turns around called?

_____

_____

4. What are two things that have wheels?

_____

_____

5. Why does a cart with wheels make it easier to move a box?

_____

_____

Words to know

wheel: a round thing that turns and rolls
axle: the rod in the middle that a wheel turns around
cart: a small vehicle with wheels that carries things
rub: to press and slide against something

Talk together (every group has these)

1. Find one fact that every group read. How did your sheet say it?
2. What did your sheet tell you that you think another group's did not? Ask them.
3. What is one question about this topic that none of the sheets answered?

Name: _____ Date: _____

Wheels Help Us Move

Square group

A wheel is a round object that rolls. Wheels help people move things from one place to another.

Imagine trying to push a heavy box across the floor. It is difficult, because the box rubs against the floor as it moves. Now place the same box on a cart with wheels. Suddenly the box moves with very little effort!

Every wheel turns around a rod called an axle. The axle holds the wheel firmly in place.

Many different vehicles and toys have wheels. Bicycles, cars, wagons, and skateboards all depend on wheels. Wheels allow us to travel long distances and to carry heavy loads.

Questions

1. What shape is a wheel, and what does it do?

_____

_____

2. What makes a heavy box difficult to push across the floor?

_____

_____

3. What is the name of the rod that a wheel turns around?

_____

_____

4. Name two things from the passage that depend on wheels.

_____

_____

5. Explain why a cart with wheels makes moving a box easier.

_____

_____

Words to know

wheel: a round thing that turns and rolls
axle: the rod in the middle that a wheel turns around
cart: a small vehicle with wheels that carries things
rub: to press and slide against something

Talk together (every group has these)

1. Find one fact that every group read. How did your sheet say it?
2. What did your sheet tell you that you think another group's did not? Ask them.
3. What is one question about this topic that none of the sheets answered?

For the teacher: Wheels Help Us Move

Each student sheet carries a shape, not a level. The same topic and facts, written three ways.

Circle: Wheels Help Us Move

Easier · 80 words · Flesch-Kincaid grade -1

1. Round.
2. It rubs the floor.
3. An axle.
4. Any two of: bikes, cars, wagons, skateboards.
5. The wheels roll, so the box does not rub the floor so much.

Triangle: Wheels Help Us Move

This passage · 82 words · Flesch-Kincaid grade 0.7

1. Round.
2. The box rubs the floor.
3. An axle.
4. Any two of: bikes, cars, wagons, skateboards.
5. The wheels roll, so the box does not rub the floor as much.

Square: Wheels Help Us Move

Harder · 104 words · Flesch-Kincaid grade 4.6

1. It is round, and it rolls.
2. The box rubs against the floor as it moves.
3. An axle.
4. Any two of: bicycles, cars, wagons, skateboards.
5. The wheels roll, so the box no longer rubs against the floor as much.