Name: _____ Date: _____

Why Wheels Are Not Square

Circle group

A wheel is a circle. It has no corners.

A circle rolls. A bike has round wheels.

A square has corners. It would bump.

A ball is round too. Round things roll best.

Questions

1. What shape is a wheel?

_____

_____

2. How many corners does a circle have?

_____

_____

3. How many corners does a square have?

_____

_____

4. What else rolls?

_____

_____

5. Why would a square wheel bump?

_____

_____

Words to know

wheel: a round thing that turns
circle: a round shape
corner: a point where two sides meet
square: a shape with four sides the same

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: _____

Why Wheels Are Not Square

Triangle group

A wheel is a circle, and a circle has no corners. It is round all the way.

A circle can roll smooth and fast, which is why a bike has round wheels.

A square has four corners. Would a square wheel roll? No! It would bump and bump.

A ball is round, and it rolls too. Round things roll best.

Questions

1. What shape is a wheel?

_____

_____

2. How many corners does a circle have?

_____

_____

3. How many corners does a square have?

_____

_____

4. What else rolls, besides a wheel?

_____

_____

5. Why would a square wheel bump?

_____

_____

Words to know

wheel: a round thing that turns
circle: a round shape
corner: a point where two sides meet
square: a shape with four sides the same

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: _____

Why Wheels Are Not Square

Square group

A wheel is shaped like a circle, and a circle has no corners at all. It is smoothly round all the way around.

Because of that, a circle can roll quickly and gently. This is why a bike has round wheels.

A square has four sharp corners. If a wheel were a square, it would bump along the ground with every turn.

A ball is round, so it rolls as well. Round things roll best of all.

Questions

1. What shape is a wheel?

_____

_____

2. How many corners does a circle have?

_____

_____

3. How many corners does a square have?

_____

_____

4. What other round thing rolls?

_____

_____

5. Why would a square wheel bump along the ground?

_____

_____

Words to know

wheel: a round thing that turns
circle: a round shape
corner: a point where two sides meet
square: a shape with four sides the same

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: Why Wheels Are Not Square

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

Circle: Why Wheels Are Not Square

Easier · 33 words · Flesch-Kincaid grade -0.4

1. A circle.
2. None.
3. Four.
4. A ball.
5. Its corners would hit the ground.

Triangle: Why Wheels Are Not Square

This passage · 60 words · Flesch-Kincaid grade 0.2

1. A circle.
2. None.
3. Four.
4. A ball.
5. Its corners would hit the ground, so it would not roll smooth.

Square: Why Wheels Are Not Square

Harder · 77 words · Flesch-Kincaid grade 2.3

1. It is shaped like a circle.
2. It has none.
3. Four corners.
4. A ball.
5. Its corners would hit the ground with every turn.