Name: _____ Date: _____

Why the World Spins After You Stop

Circle group

Spin and spin in the yard. Then stop. The grass tilts. The trees swirl. You feel dizzy!

Each ear has a tiny tube. The tube has liquid in it. The liquid helps you balance. You turn your head. The liquid moves. It tells your brain which way you go.

You spin a lot. The liquid keeps on swirling when you stop. Your eyes say, "I am still." Your ears say, "I am moving." Your brain gets mixed-up news. So you feel dizzy.

Wait a bit. The liquid slows down. Soon the world is still. Sit on the grass till you feel fine.

Questions

1. What is in each ear that helps you balance?

_____

_____

2. What does the liquid do when you turn your head?

_____

_____

3. Why does the world swirl when you stop spinning?

_____

_____

4. What should you do when you feel dizzy?

_____

_____

5. Why does waiting help?

_____

_____

Words to know

dizzy: feeling like the world is spinning
balance: staying steady so you do not fall over
liquid: something wet that flows, like water
tilt: lean to one side

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 the World Spins After You Stop

Triangle group

Spin around and around in the yard. Then stop. The grass seems to tilt, and the trees seem to swirl. You feel dizzy!

Deep inside each ear is a tiny curved tube filled with liquid. This liquid helps you keep your balance. When your head turns, the liquid moves. It tells your brain which way you are going.

When you spin for a long time, the liquid keeps swirling even after you stop. Your eyes say that you are still, but your ears say that you are moving. Your brain gets mixed-up messages. That is why you feel dizzy.

Wait a little while. The liquid slows down and settles. Soon the world holds still again. Sit down on the grass until the dizzy feeling goes away.

Questions

1. What is inside each ear that helps you keep your balance?

_____

_____

2. What does the liquid do when your head turns?

_____

_____

3. Why does the world seem to swirl after you stop spinning?

_____

_____

4. What should you do when you feel dizzy?

_____

_____

5. Why does waiting help the dizzy feeling go away?

_____

_____

Words to know

dizzy: feeling like the world is spinning
balance: staying steady so you do not fall over
liquid: something wet that flows, like water
tilt: lean to one side
settles: becomes calm and still

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 the World Spins After You Stop

Square group

Imagine spinning around and around in the yard until you cannot spin anymore. When you finally stop, the grass seems to tilt and the trees appear to swirl in circles. You feel dizzy!

Deep inside each of your ears is a tiny, curved tube filled with liquid, and that liquid helps you keep your balance. Whenever your head turns, the liquid moves, and it tells your brain exactly which way your body is going.

If you spin for a long time, the liquid continues to swirl even after you have stopped. Your eyes report that you are standing still, but your ears insist that you are still moving. Your brain receives mixed-up messages, and that confusion is the reason you feel dizzy.

Be patient for a little while. Gradually the liquid slows down and settles, and the world becomes steady again. Sit down on the soft grass until the dizzy feeling has completely gone away.

Questions

1. What is inside each ear that helps you keep your balance?

_____

_____

2. What does the liquid tell your brain when your head turns?

_____

_____

3. Why does the world seem to swirl after you stop spinning?

_____

_____

4. What should you do while you feel dizzy?

_____

_____

5. Why does being patient make the dizzy feeling go away?

_____

_____

Words to know

dizzy: feeling like the world is spinning
balance: staying steady so you do not fall over
liquid: something wet that flows, like water
tilt: lean to one side
settles: becomes calm and still

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 the World Spins After You Stop

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

Circle: Why the World Spins After You Stop

Easier · 103 words · Flesch-Kincaid grade -0.6

1. A tiny tube with liquid in it.
2. It moves and tells your brain which way you go.
3. The liquid in your ears keeps swirling.
4. Sit down and wait.
5. The liquid slows down, so your ears and eyes agree again.

Triangle: Why the World Spins After You Stop

This passage · 127 words · Flesch-Kincaid grade 1.7

1. A tiny curved tube filled with liquid.
2. It moves and tells your brain which way you are going.
3. The liquid in your ears keeps swirling.
4. Sit down and wait until the feeling goes away.
5. The liquid slows down and settles, so your ears and eyes agree again.

Square: Why the World Spins After You Stop

Harder · 156 words · Flesch-Kincaid grade 6.2

1. A tiny, curved tube filled with liquid.
2. Which way your body is going.
3. The liquid in your ears keeps swirling after you stop.
4. Sit down and wait until the feeling goes away.
5. The liquid slows down and settles, so your ears and eyes agree again.