



LESSON 13: REVELATION: JESUS IS COMING BACK

OBJECT LESSON: CENTRIPETAL SPIN

SUPPLIES

- 1 uninflated clear or light-colored balloons
- 1 penny
- balloon pump (optional)

Inflate a Balloon With a Penny Inside

Did you know that we can make an object spin on its own inside a balloon? Let's see how long we can make pennies stay in motion.

- Get a balloon and a penny. Preschoolers get prepared balloons with penny inside instead.
- Place the penny inside the balloon.
- Inflate and tie off their balloons. You should blow up the balloons to a size that you can easily hold in the palm of one hand. Using clear or light-colored balloons will allow you to see the pennies when they're inside the inflated balloons.

Hold and Spin the Balloon



- Hold the tied-off top of the balloon so the penny is resting at the bottom of the balloon.
- Move balloons quickly in circles. The pennies may bounce a little at first, but they should soon spin around the inside of the balloons in motion with the balloons.

Watch a Penny Spin

- Stop moving balloons and hold them still. The pennies will keep spinning in a circle!
- Count to see how long the pennies keep moving.
- When the pennies stop completely, move the balloons in quick circles again and see if they beat their first time and make the pennies spin longer.

Talk About It

What did you notice about the spinning penny? What made it spin longer?

When we moved the balloons with our hands, we created energy that made the pennies move, too. And since we used round balloons, the pennies moved in a circle. Even when we stopped moving our hands, the pennies kept moving for a while until the energy ran out.

Why do you think energy on earth always runs out? What do you think it would be like if energy lasted forever? What do you think it will be like in heaven, where **everything** lasts forever?

Just like the penny eventually stopped spinning, our time in this world will eventually come to an end. But when we're friends with Jesus, life with him will **never** end. Jesus wants to be with us forever. Forever life with him will keep going and going!