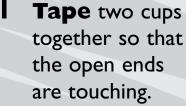




- 2 clear plastic cups
- masking tape
- colored markers





3 Place the taped cups on their sides, and spin them like you are spinning a top. Look at the cups from eye level and from above.
What do you see?

Sent in by Erich N. of Oshkosh, WI



Now it's time for you to **experiment**. What happens if you use more than one color or draw patterns (such as stripes) on the tape? What happens if you **spin** the cups more quickly or more slowly? Choose one thing to change (that's the variable), and make a prediction. Then **test** it and send your results

to ZOOM.



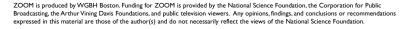
See the circle of tape that attaches the cups? When you spin the cups, this circle of tape also spins. If the cups spin fast enough, the images of the parts of the circle move so quickly that your eyes and brain can't see them separately. Your brain blends the images of the circle together, making you think you see a "magic" round ball.











phenom

