

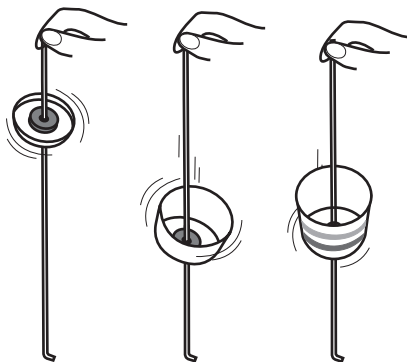
- 1 Cut the cups as shown in quarter, half and three-fourths.
- 2 Make a hole in center of the base and decorate the cut cups with colour tapes.



- 3 Fix two ring magnets on the hole. One above and the other from below.



- 4 Place the cup with the magnets in a cycle spoke. Hold the spoke loosely on top.
- 5 Give the cup a gentle twirl. The cup will keep spinning and slowly come down.



- 6 Repeat the experiment with the other two cups. You will find that the bigger the cup, the slower it will spin.

The ring magnets are mounted off-center on the spoke. They stick to the magnet and slowly spin down.