

## SUDARSHAN CHAKRA

Cut two sticks from a broomstick - one long 15 cm and the other short 6-cm. Tie the sticks tightly with a string as shown in the drawing. Poke a hole in the rubber cap of an injection bottle, or else, in the eraser from your geometry box. Insert the rubber cap in the long broomstick. Now place the joint of the sticks on your right hand index finger and rotate the assembly as shown. You will be surprised to see that the sticks rotate around your finger like a *Sudarshan Chakra* without falling. As a matter of fact, the faster you rotate the sticks, the more stable and balanced is the assembly.

This simple toy will give children a good feel for Centrifugal and Centripetal force.

