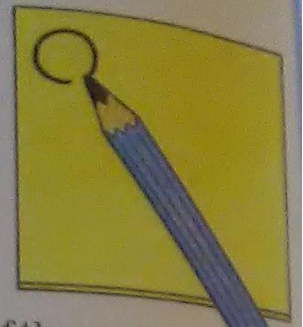
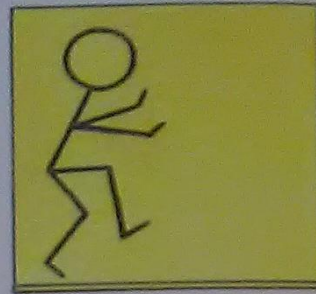


Monday Science Activity

Kicking A Football

What you need :-
A square piece of cardboard.
2 long rubber bands.
A black felt tip pen.
A ruler.
A hole punch.



1. On one side of the cardboard draw a person whose leg is in a kicking position.

2. Turn the cardboard over, bottom to top, and draw a football on the left-hand side of the cardboard.

3. Using the ruler, make a mark on each side of the cardboard exactly in the middle between the top and the bottom. Punch a hole in each mark.

4. Thread a very long rubber band through each hole.

5. Wind up the cardboard from the bottom over to the top until the rubber bands are really tight, then pull sharply, with both hands, to loosen them. The cardboard will spin very fast.

SCIENCE FACTS

The **RETINA** in your eye keeps the image of an object for a moment after light is removed. You can test this by staring at a light for a few seconds then turning the light off. You will still be able to see the "image" of the light. This is called **PERSISTENCE OF VISION**.

When your cardboard spins very fast, it will look as if the person is moving to kick the football. This happens because the cardboard spins so fast that you have **PERSISTENCE OF VISION**.

