

OBSERVING ACCELERATION

Materials

Accelerometer

What To Do

The jar with the paper clip is an accelerometer; a tool to help you observe changes in velocity.

Push your accelerometer so that it slide across the table and stops on the table. Describe in words and pictures how the paper clip shows acceleration.

Push the jar to start it moving.

Move the jar in a straight line at a constant speed,

Move the jar in a circle at a constant speed.



Draw a diagram of each of these showing the direction of the force(s) acting on the paper clip.