



DIY ACTIVITY

MINI GOLF GRADES K-2

OBJECTIVES

- Experiment with forces commonly used in golf.
- Compare strong and weak forces.
- Make an object move in different directions.

PROCEDURE

AS A CLASS, WATCH THE *GENERATION GENIUS* PUSHES AND PULLS VIDEO.

1. Design the shape of your golf course by placing the books next to each other.
2. Cut the bottom out of one plastic cup to make a “tunnel” for the golf ball.
3. Tape the plastic cup to the floor with the larger end towards the front.
4. Tape another plastic cup to the floor to serve as the hole.
5. Using a yard stick, have students hit the ball through the tunnel cup and into the hole.

WHAT IS GOING ON HERE?

Using the yardstick, you can apply a force to push the ball through the tunnel and into the hole. The golfer will use different amounts of force (strong or weak) to make the ball move. They can hit the ball in different directions. The ball moves in the direction that the force was applied. With practice you can get better at making the ball move in the right direction and with the right amount of force.

FURTHER EXPLORATION

Take the students outside and use a soccer ball as the object to be moved. Have them use their feet to provide the force to stop, start, or change the direction of the ball.

MATERIALS NEEDED

- 20-30 books
- 2 plastic cups
- Scissors
- Roll of masking tape
- Yardstick
- Golf ball