

## Purpose & SOL

- Students will review the 6 different types of simple machines (pulley, wedge, wheel and axle, screw, inclined plane, and lever).
- Science 3.2

## Materials

- Simple Machines cards – Free on TPT from One Room Schoolhouse  
<http://www.teacherspayteachers.com/Product/Simple-Machines-Flash-cards-272930>
- 6 Brown paper bags or containers labeled with the 6 types of simple machines
- Cones or spots

**Length**

25 min.

## Introduction

Play a round of Simon Says Simple Machines.

Pulley (act like you're raising a flag pole with your arms), Wedge (clap your arms down low in an upside down triangle), Wheel and Axle (arm circle), Screw (spin as you slowly reach the ground), Inclined Plane (make your body straight and lean), Lever (bend your elbow then pull your arm up like a light switch).

## Implementation

## Relay

- 1) Divide the class into teams now larger than 5.
- 2) Each group will have a specific cone color or spot as their starting point. The students should stand in a line behind their start cone.
- 3) Place simple machine cards in the center of the room.
- 4) Place the paper bags labeled with the simple machines on the opposite end of the room.
- 5) Demonstrate that the relay will start at the cones, and one person from each team will hop, skip, jump over to the center of the room and pick up a card. They will continue to hop, skip, jump to the other side of the room and place their card in the appropriate simple machines bag. That player will hop, skip, jump back to their team and high five the next person in line.
- 6) Play will continue until all cards have been picked up and sorted into the bags.

## Cool Down

Give each team a bag (or 2) to check to see if the class correctly sorted each picture. Be sure to switch any cards around that were put in the wrong bag. Students can sit and breathe and stretch during this cool down.

## Modifications

Use pictures of compound machines and explain how they can be sorted into different bags.

