

# Vocabulary



**fixed pulley** a pulley that doesn't move

The pulley on a flagpole is a fixed pulley. The pulley doesn't move to another place. It just sits at the top of the pole. The rope around it moves as someone pulls it.

**movable pulley** a pulley that is free to move

Movable pulleys are very important when you need to move something heavy. They let you use less force to lift an object. Movable pulleys are used in some factories. They can be used to lift heavy parts, such as engines.

**pulley** a simple machine made of a grooved wheel with a rope or chain wrapped around it

Pulleys let you lift objects into the air. They can even let you use less force to lift heavy objects.