

# Max's Mechanical Flashcards: Levers and Pulleys

*Learning objective: To understand how simple machines like levers and pulleys help us lift and move objects.*

Read the front of the card. Think about the answer. Then, look at the back of the card to check if you are right. You can use the word bank to help you.

**What is a lever?**

A lever is a bar that moves on a pivot to help lift things.

**What is a fulcrum?**

The fulcrum is the point where the lever balances and turns.

**What is a pulley?**

A pulley is a wheel with a rope used to lift heavy objects.

**What is the 'load'?**

The load is the heavy object you are trying to lift.

**What is 'effort'?**

Effort is the force you use to push or pull the machine.

**What do we call a tool that makes work easier?**

A simple machine.

**What is another name for the fulcrum?**

A pivot.

**What part of a pulley helps the rope move?**

The wheel.

**Does a pulley change the direction of your pull?**

Yes, it can make pulling easier.

**Is a seesaw a type of lever?**

Yes, it uses a pivot to move up and down.

**Why do we use levers?**

To lift heavy things with less effort.

**True or False: A pulley uses a rope.**

True.