

Simple Machines

By Johnna Gonter 😊

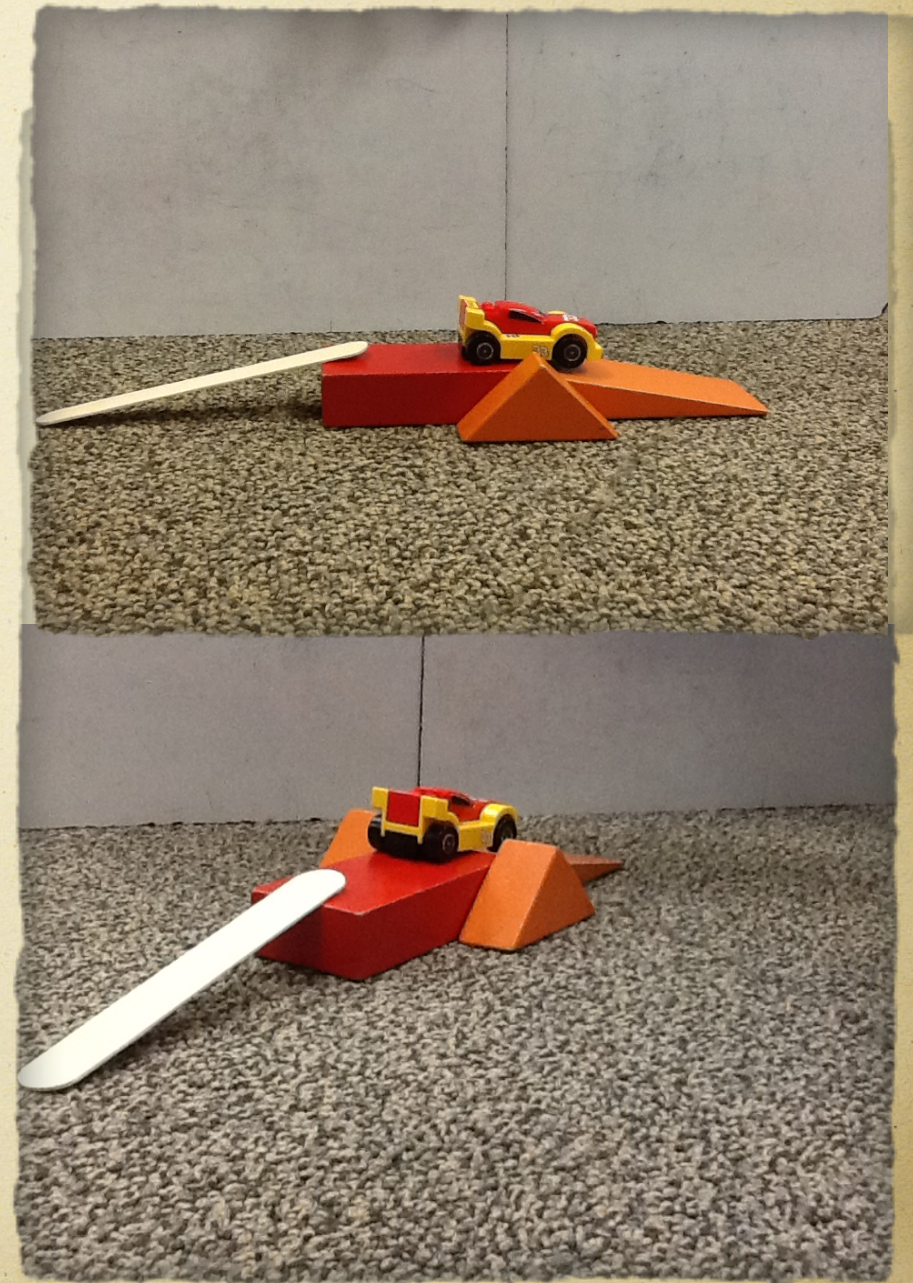
What is a simple machine?

A simple machine is a machine that does not run on batteries and it makes pushing and pulling things easier.



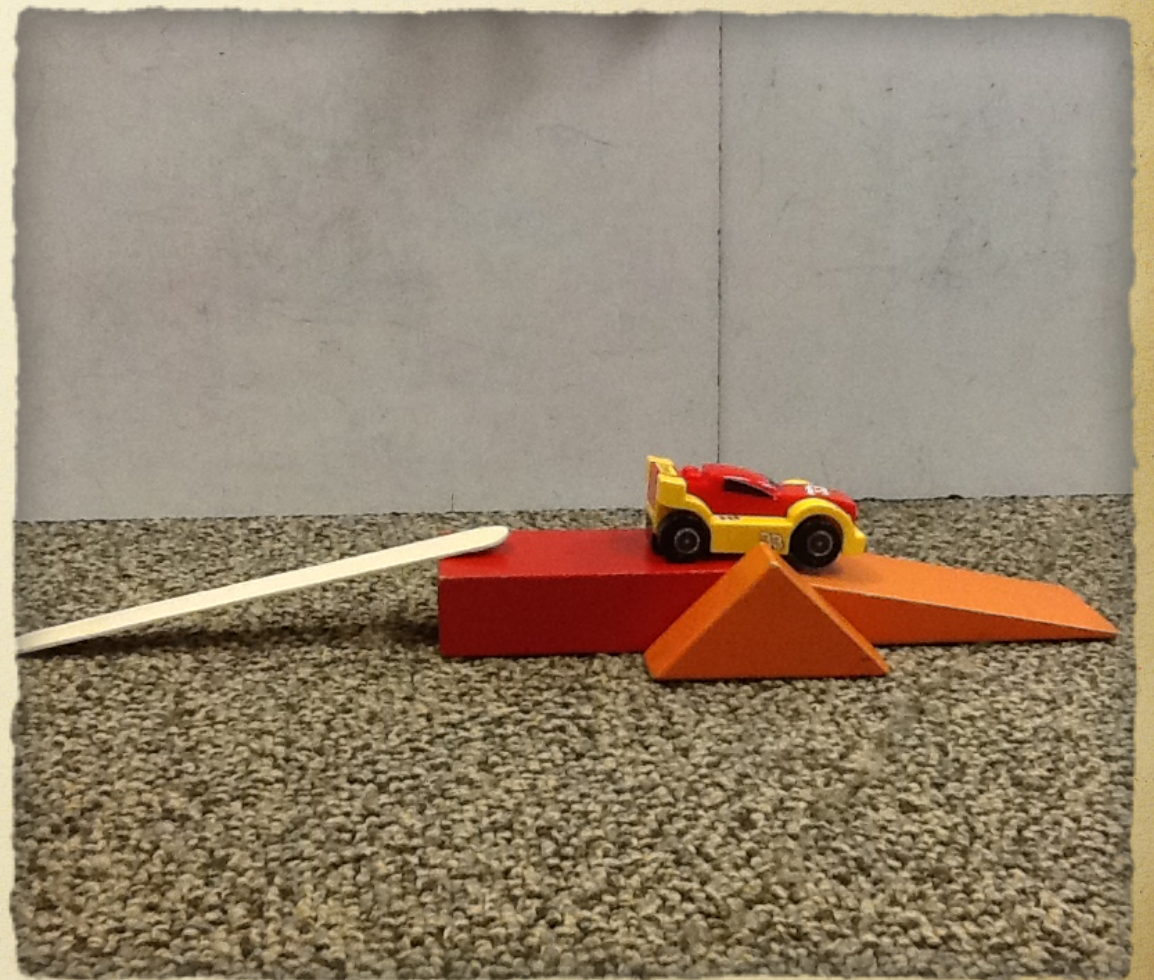
Inclined Plane

An Inclined Plane makes moving and lifting things easier. Even though when you use one the distance is longer, but the effort takes less. Some examples are a tub that is sloped, a ramp for a wheelchair, and a ramp used for deliveries.



Wedge

A wedge is a pair of inclined planes that are attached back to back. A wedge also forces things apart. It works like a ramp. Some examples are the head of an ax, a knife, the tines of a fork, and a shovel.



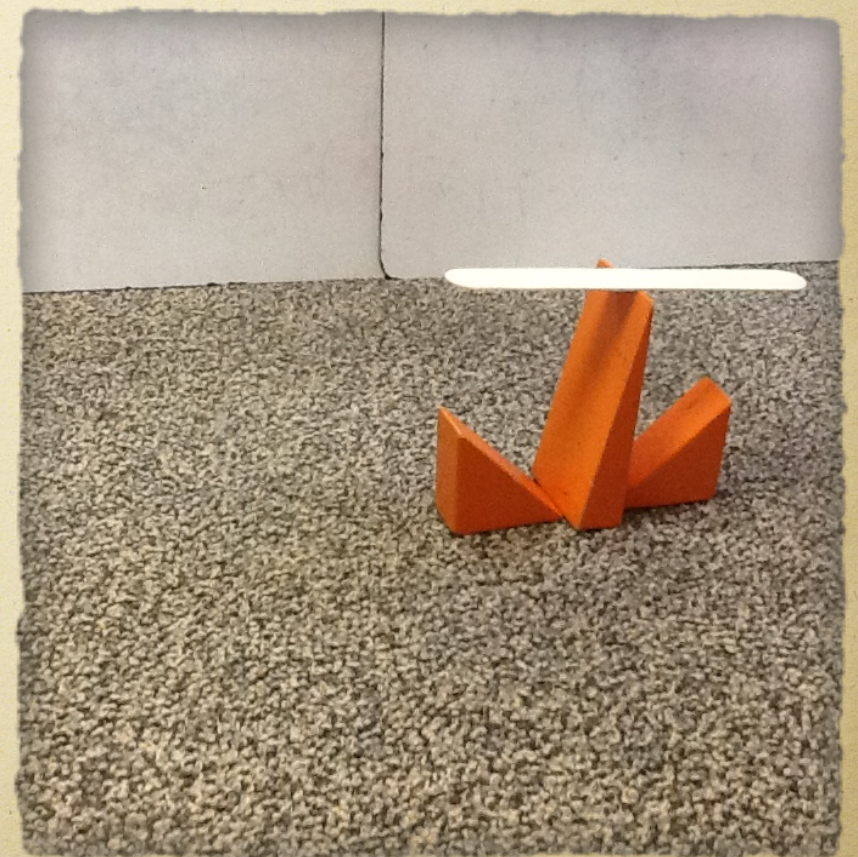
Screw

A screw is a part of some objects so that it can help get the cap or lid on and off. A screw seals a bottle shut. A screw is a spiral wrapped around the center post with the threads. Some examples are jars, water bottles, and lids.



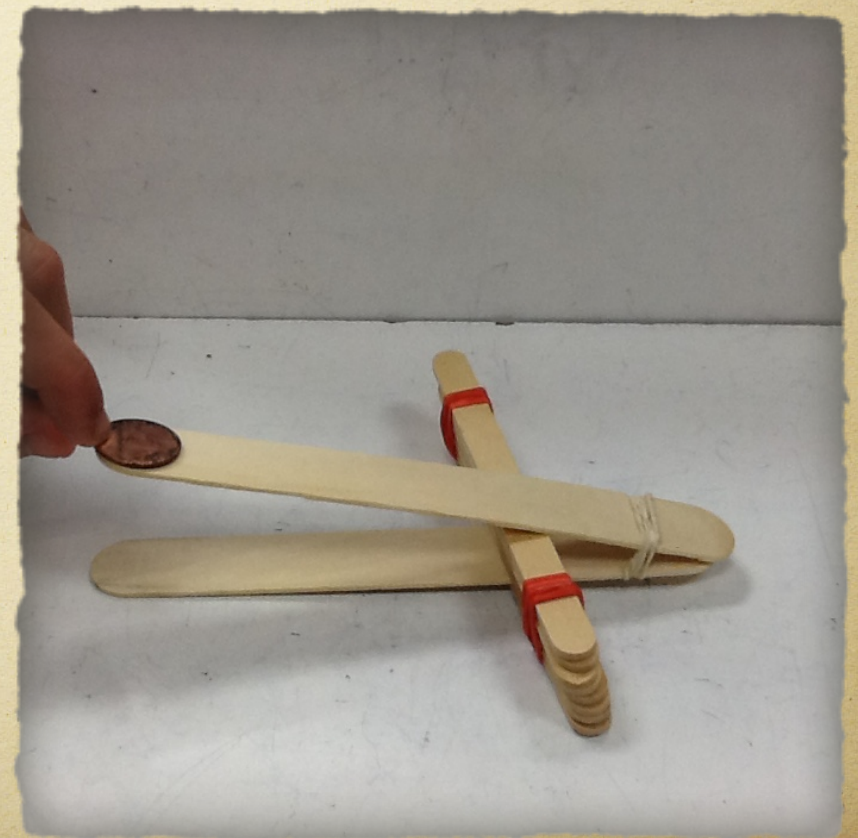
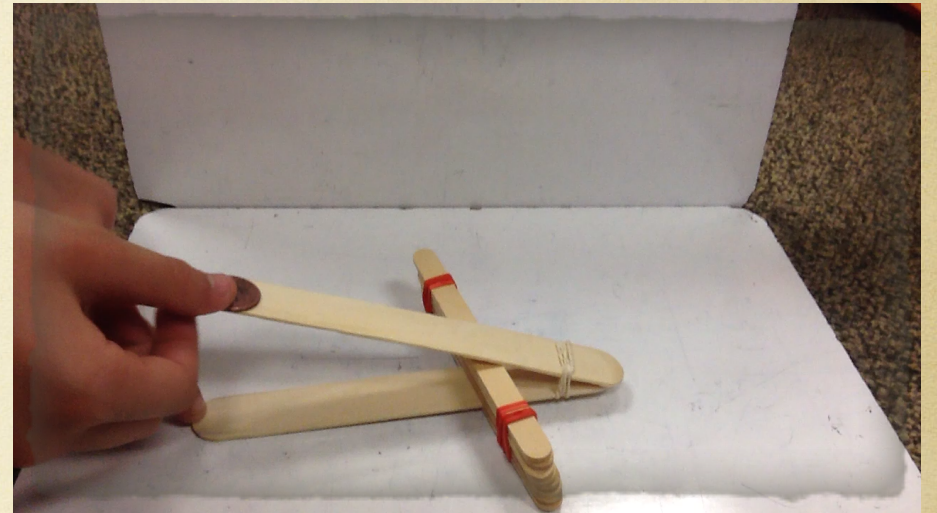
Lever

A lever is an object that can help you lift heavy objects. It supports the middle of the heavy object. It has a fulcrum which is the point at which the lever moves. Some examples are a seesaw, a shovel, claw bars, and a catapult.



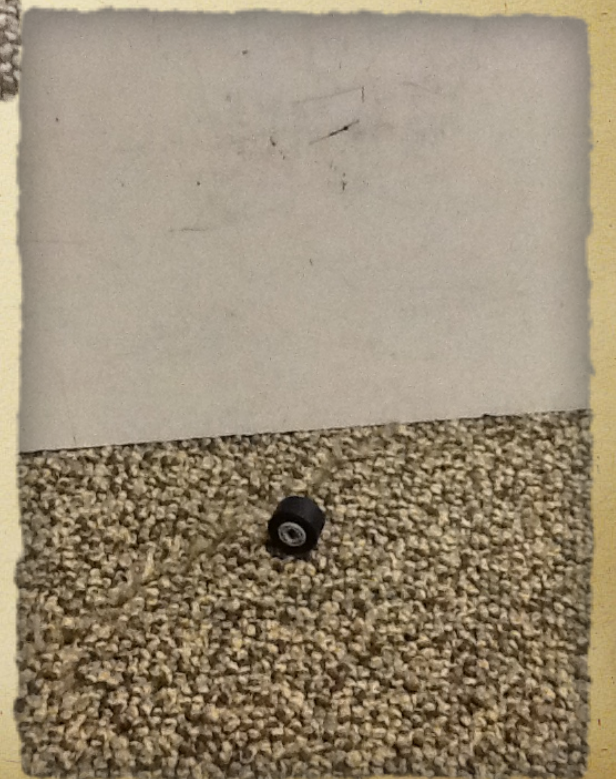
Catapult

A catapult helps you launch things like a penny or a lego. A catapult can launch things from a short distance or a long distance. It just depends how hard or how light you launch things. An example is a slingshot.



Wheel and Axle

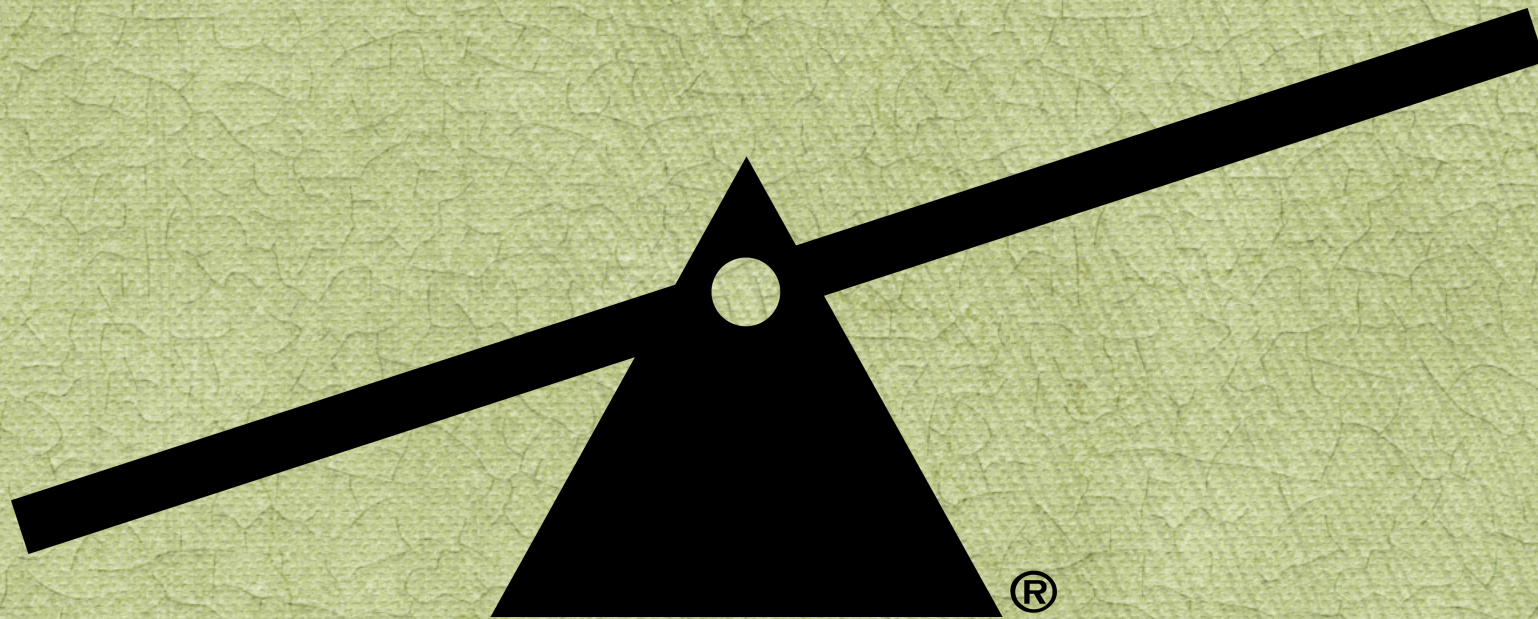
A wheel and an axle are two objects that help lifting become easier. When the wheel turns, the axle turns with it. A rod is attached to the axle. A rod is something you turn. Some examples are a doorknob, fan blades, and a water faucet.



Pulley

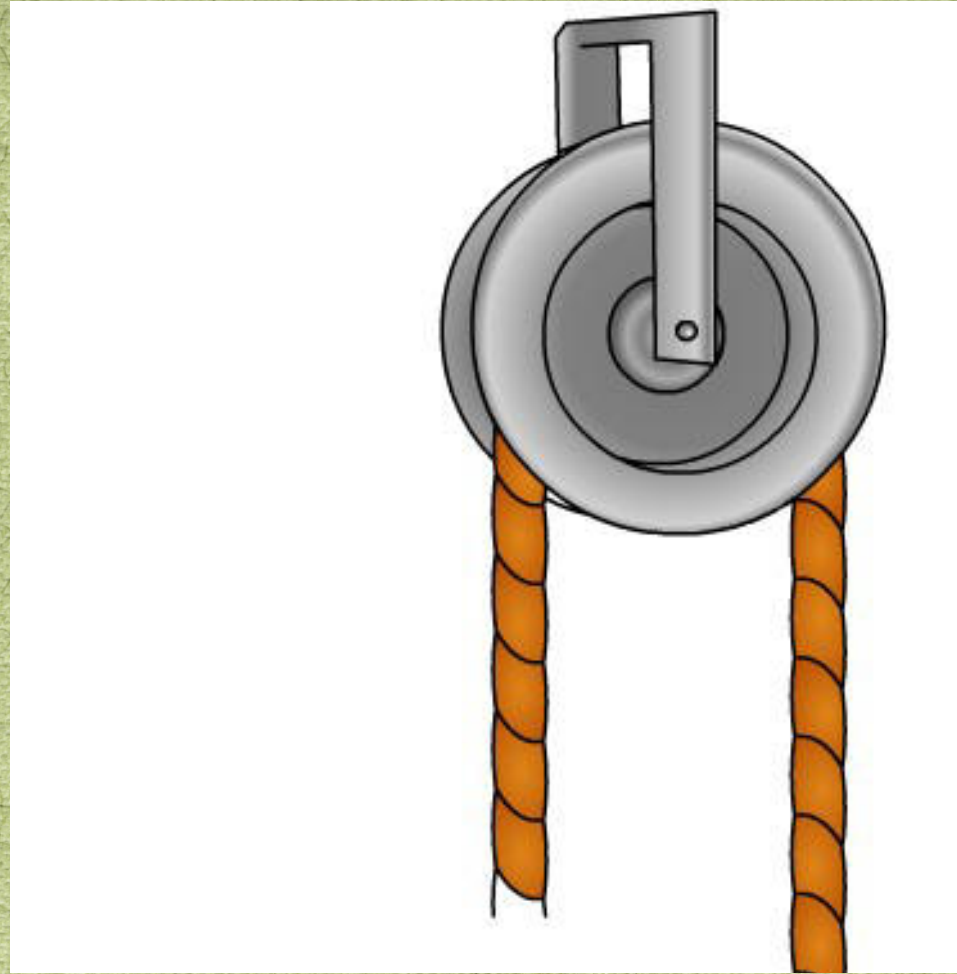
A pulley is a wheel used with a cord or a rope. A pulley is always working with gravity. When you use a pulley, lifting becomes easier. An example is a flagpole.





Which simple machine is this?

Do you know?



What simple machine is this?

Do you know?

THE END

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Do you like simple machines?

Thanks for watching 🤪 I hope you enjoyed! 👍