

DAY 6: COMPLEX MACHINES

1. Watch the video "[Machines](#)" and answer the following questions.

1.1. What is a **machine**?

A machine is _____.

1.2. What is a **simple machine**?

A simple machine _____.

They are also called tools.

1.3. Tick the simple machines.



Hammer

—



Washing
machine

—



Screwdriver

—



Bicycle

—



Pliers

—



Electric
screwdriver

—



Bottle
opener

—



Helicopter

—



Pencil
sharpener

—



Watch

—

1.4. What is a **complex machine**?

A complex machine _____.

1.5. Tick the complex machines.



Hammer

—



Washing machine

—



Screwdriver

—



Bicycle

—



Pliers

—



Electric screwdriver

—



Bottle opener

—



Helicopter

—



Pencil sharpener

—



Watch

—

1.6. What do **machines** need to work?

Machines need _____.

1.7. Choose the power source these machines use.



Scissors



Hair dryer



Car



Screwdriver



Bus



Stapler



Electric drill



Plane

2. Label these machines as 'simple machine' or 'complex machine'.



Shovel



Vacuum cleaner



Laptop



Wheel



Crane



Screw



Tablet



Car



Tongs



See-saw



Mixer



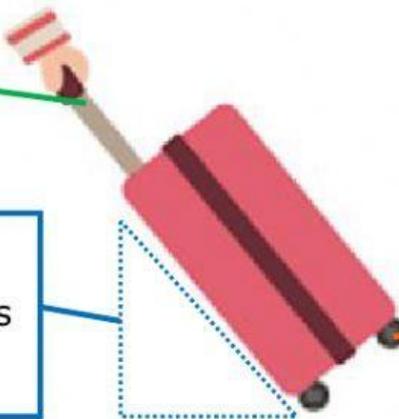
Wheelbarrow

3. Look at these machines and identify the simplex machines they are made of.

The **handle** is a _____.

The inclination of the trolley shows that it is an _____.

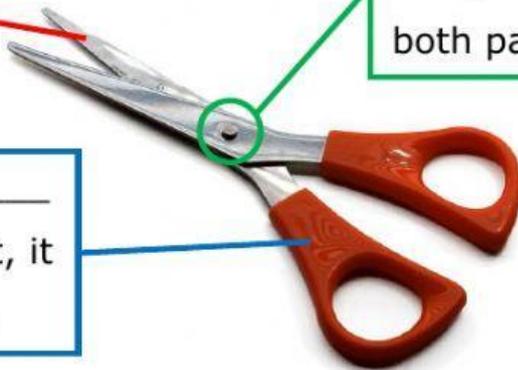
The _____ permit the trolley to move.



The scissors' **edge** is a _____.

The piece that connects both parts is a _____.

Scissors are _____ because we apply effort, it has a fulcrum and load.

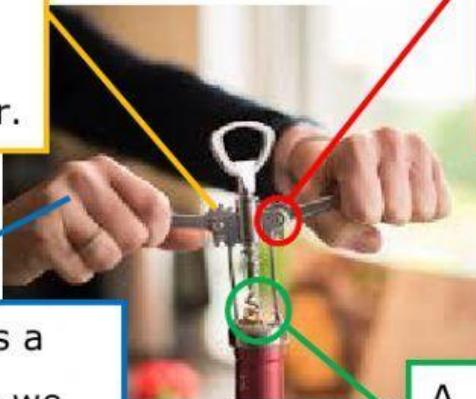


The **gears** are type of _____ which teeth fit in another gear to work together.

The _____ holds together the other components.

This **bottle opener** is a _____ because we apply effort, it has a fulcrum and load.

A _____ turns and gets through the cork.



4. Choose the power source these machines use.



Wheelbarrow



Car



Mixer



Lamp



Well



Plane



Tongs



Helicopter



Dishwasher
