SCIENCE IN OUR WORLD

Science is used every day to make this world a great place to live!
People use science to invent and create technology.

What is Technology?

Technology is using science to solve problems.
Technology is used to make things easier.
Technology changes every year.

Because people invent technology often, there are things that we have now that people did not have many years ago, such as:

- cars
- color TVs

PREVIEW

Please **Sign In** or **Sign Up** to download the printable version of this worksheet

Pe...

Machines

Machines are a kind of technology.
Machines make doing a job take less time.

Farmers use machines to:
- ✓ plow their fields
- ✓ plant seeds
- ✓ pick their crops.

Tools are Technology!

Tools help us do different jobs and make the job easier to do.

Examples of tools:

Scis

A **sp**

An a

PREVIEW

Please **Sign In** or **Sign Up** to download the printable version of this worksheet

A **hammer** helps put nails in wood.

Simple Machines

A simple machine is a tool.
Simple machines make some work easier.
There are many different kinds of **simple machines**:

A **wedge** is a simple machine that pushes things apart.
A **wedge** is often used to split wood.

A w

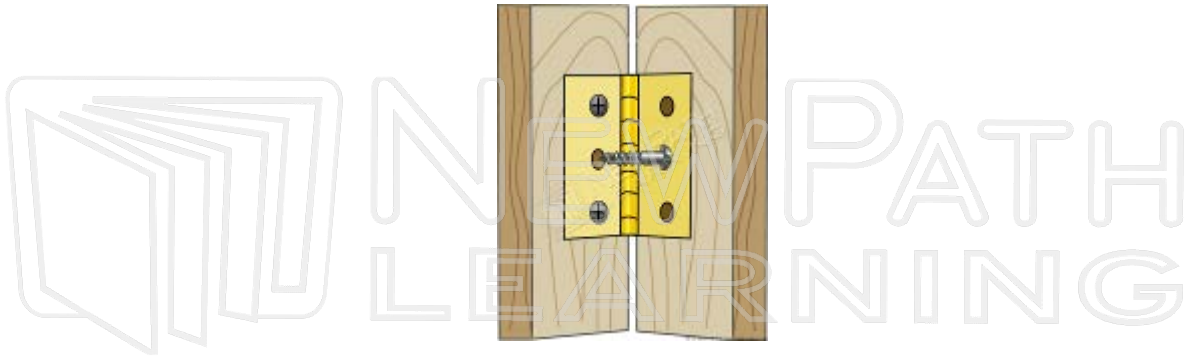An **inclined plane** is a simple machine that is a ramp that connects a higher area to a lower area which allows you to move an object up or down by rolling or sliding it without lifting the object directly.

A ramp is an example of an **inclined plane**.

A **screw** is a little simple machine that holds things together.

A **lever** is a simple machine that can push down on one side to raise an object on the other side.

A se̶e-saw is an example of a lever.

A **p**...

A pulley is often used to lift things up really high and then down again.

A flag on a flagpole is an example of a pulley in use. The string that you pull to raise and lower the flag is part of the pulley.

Communication

To **communicate** means to give or send information from one person to another. Some forms of technology help us communicate with others.

Technology we use to communicate with others:

* telephone

* cell phone

* computer/Internet