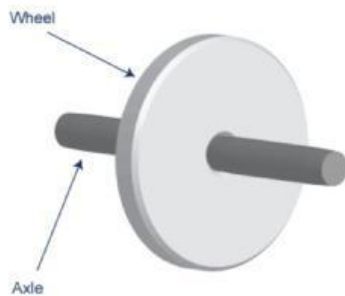


Instruction: Use the words from the box to label the text features in the table below.

subheading labels illustration bold text photograph heading caption

Types of Simple Machines

Simple machines are the building blocks of complex machinery. They make our daily lives easier by helping us perform tasks with less effort. **There are six primary types of simple machines, each with its unique features.**

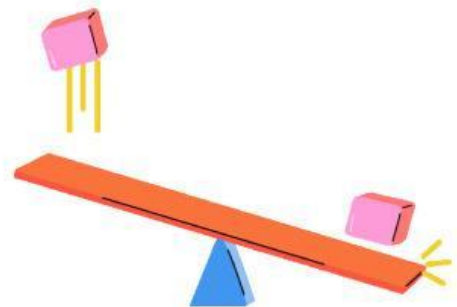


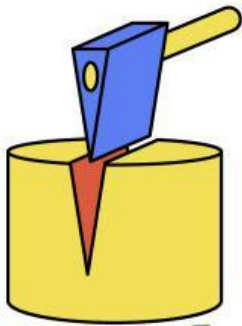
Wheel and Axle

The wheel and axle consist of a wheel that rotates around a central axle. You can find them in everyday objects like bicycles and doorknobs. **The large wheel allows you to turn the smaller axle more easily.**

Lever

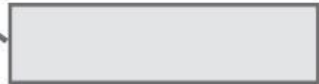
A lever is a straight bar that pivots on a point called a fulcrum. Levers are everywhere, from seesaws at the playground to crowbars used for lifting heavy objects. **They come in three classes: first-class, second-class, and third-class levers.**





Wedge

A wedge is a triangular tool that is thicker at one end and tapers to a thin edge. **It is used for splitting or cutting objects, like a knife or an axe.**

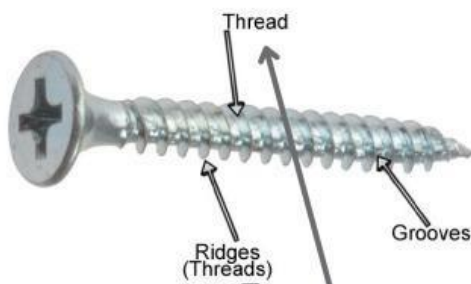


Inclined Plane

An inclined plane is a flat surface that is tilted at an angle. It makes it easier to move objects upwards, like a ramp used to load heavy boxes onto a truck.



An inclined plane used as a ramp at the wheelchair and trolley entry at the front of the building



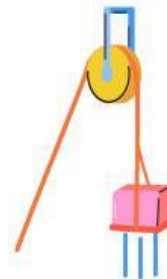
Screw

A screw is an inclined plane wrapped around a central cylindrical post. **Screws are used to hold objects together or to lift loads**, as seen in drills and jar lids.



Pulley

A pulley is a wheel with a groove, often used with a rope or cable. **It is employed to lift or lower objects with ease, such as curtains or elevators.**



In summary, simple machines are fundamental to our everyday lives, making tasks easier and more efficient. By understanding how these machines work, we can apply their principles to create more advanced and complex machinery.

Instruction: Complete this section by matching each image to its description.

laptop: a small computer you can use on your lap

desktop: a large computer you use on a desk

keyboard: the buttons on a computer with letters and numbers

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