a journey to explore the f more efficient. As young	chines and basic engineering principles! In this exciting lesson, we will fascinating world of machines and mechanisms that make our lives inventors, you will learn about the six types of simple machines, how the solve real-world problems.
Simple Machines?	
	nake work easier by changing the direction or amount of force needed t of simple machines: levers, pulleys, wheels and axles, inclined planes,
ask. There are six types o	

	nples of simple machines in your everyday life. Take pictures or draw diagrams of the d explain how they work.
activity 2: Design	Simple Machine
esign and draw a si	nple machine that can solve a real-world problem. Label the different parts of the
	nple machine that can solve a real-world problem. Label the different parts of the

	chine that consists of a rigid bar that pivots around a fixed point.
2. Pulley : A pulley is a simple ma vrapped around it.	achine that consists of a wheel with a grooved rim and a rope or cable
B. Wheel and Axle: A wheel and a central axis (axle).	axle is a simple machine that consists of a circular object (wheel) attached to
l. Inclined Plane : Án inclined pla 5. Wedge : A wedge is a simple r	ane is a simple machine that consists of a flat surface tilted at an angle. machine that consists of a triangular or tapered shape. achine that consists of a cylindrical shape with a helical ridge.
. Joiew. A Screw is a simple in	
votivity 2: Simple Machine I	Matching
activity 3: Simple Machine I	Matching
	chines with their definitions:
Pulley:	chines with their definitions:
 Aatch the following simple made Lever: Pulley: Wheel and Axle: 	chines with their definitions:
 Lever: Pulley: Wheel and Axle: Inclined Plane: Wedge: 	chines with their definitions:
 Aatch the following simple made Lever: Pulley: Wheel and Axle: Inclined Plane: 	chines with their definitions:
 Lever: Pulley: Wheel and Axle: Inclined Plane: Wedge: 	chines with their definitions:
 Lever: Pulley: Wheel and Axle: Inclined Plane: Wedge: 	chines with their definitions:

applications, from ever airplanes. By understar	achines are the building blocks of complex machines and are used in a wide range of day objects like scissors and door handles to complex machines like cars and ding how simple machines work and how they can be used to solve real-world lop essential skills and knowledge in science, technology, engineering, and
Assessment	
1. What are the six type 2. How do simple macl	s of simple machines? ines make work easier? mple machine that can solve a real-world problem.
1. What are the six type 2. How do simple macl	ines make work easier?

Extension Activity	
Design and build a Rube Goldberg machine using everyday materials. The machine should perform a tasks, such as rolling a ball, lifting a weight, or ringing a bell.	series of
<u></u>	
Classam	
Glossary	
* Simple machine: A device that makes work easier by changing the direction or amount of force need perform a task.	ded to
* Lever: A simple machine that consists of a rigid bar that pivots around a fixed point. * Pulley: A simple machine that consists of a wheel with a grooved rim and a rope or cable wrapped to the wheel and axle: A simple machine that consists of a circular object (wheel) attached to a central axis to line the plane: A simple machine that consists of a flat surface tilted at an angle. * Wedge: A simple machine that consists of a triangular or tapered shape. * Screw: A simple machine that consists of a cylindrical shape with a helical ridge.	