

Cornell Notes <h1>121</h1>	Topic/Objective: Simple Machines 1	Name:
		Class/Period:
		Date:

Essential Question: How are machines used to make work easier for people.

Questions:	Machines make work easier for people.
	Using a machine does not mean _____ work is done.
	It just changes _____.
	Six Types of Simple Machines
	Simple machines require a person to supply an _____.
	Many of the simple machines we look at will involve _____.
	<b>Pulleys</b>
	<b>Inclined Planes (Ramps)</b>
	<b>Levers</b>
	The pivot point of a lever is called the _____.

Summary:

Questions:	TWO TYPES OF WORK ARE CONSIDERED IN ANALYZING SIMPLE MACHINES.
	Work _____ is what the person has to do.
	Work _____ is what is accomplished.
	Work = Fd
	Work Input = $F_e d_e$
	$F_e$ is the force of effort for the person.
	$d_e$ is the distance of effort for the person.
	<i>Work Output</i>
	Work Output is what the person _____ the machine.
	When a person lifts an object without a machine, the force needed is
	the _____.
	_____ is called the force of resistance ( $F_r$ ).
	The _____ an object is raised is called the distance of
	resistance ( $d_r$ ).
	Work Output = $F_r d_r$
	Summary: