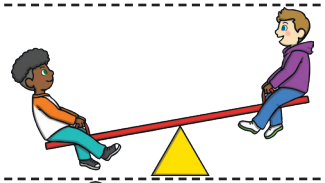
Simple Machines Matching

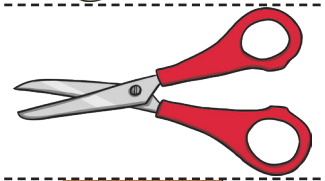
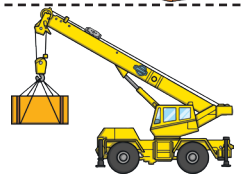
Cut, sort and glue the pictures to match the machines and examples.

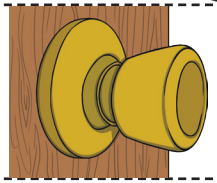
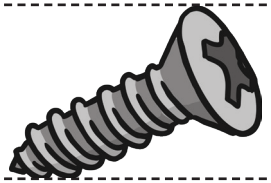
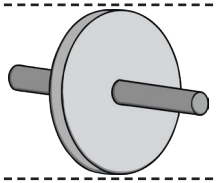
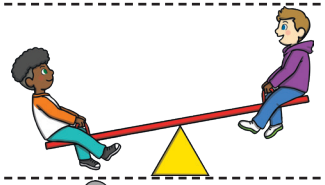
Machine	Examples		Picture
levers	• see-saws • oars • wheelbarrows	• scissors • fishing rods	
wheel and axle	• screwdrivers • skateboards	• doorknobs	
pulley	• cranes • wells		
screw	• jar lids • taps • drills	• end of lightbulbs	
inclined (sloping) plane	• slides • ladders	• ramps	
wedge	• axes • staples	• nails • doorstops	

Challenge: Can you add to the pictures by drawing some more examples?

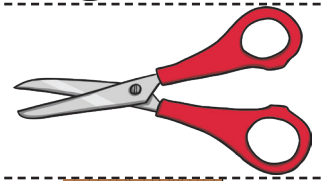
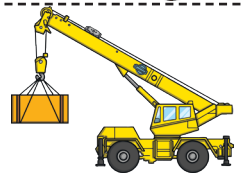
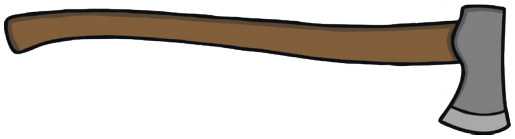
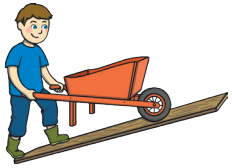
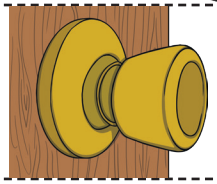
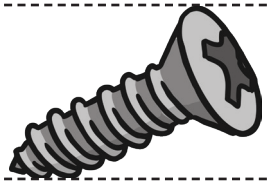
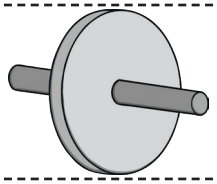






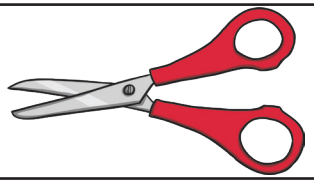
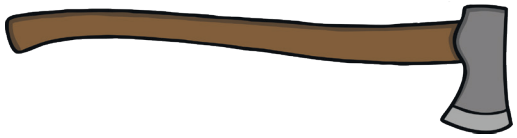
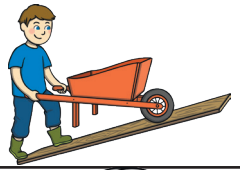
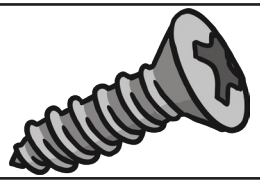
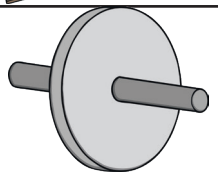
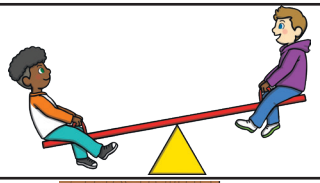
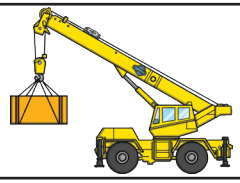
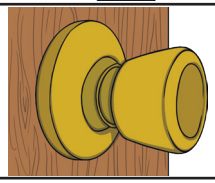
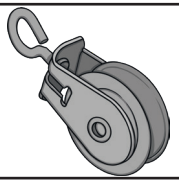
Simple Machines Matching

Cut, sort and glue the pictures to match the machines and examples.

Machine	Examples	Picture
levers		
wheel and axle		
pulley		
screw		
inclined (sloping) plane		
wedge		

Did You Know...? A Woomera is a spear throwing lever.

Challenge: Can you add to the pictures by drawing some more examples?

	• scewdrivers • skateboards • doorknobs	
	• slides • ladders • ramps	• cranes • wells
		
		• see-saws • oars • wheelbarrows • scissors • fishing rods
• axes • staples • nails • doorstops		• jar lids • taps • drills • end of lightbulbs
		

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pulley		

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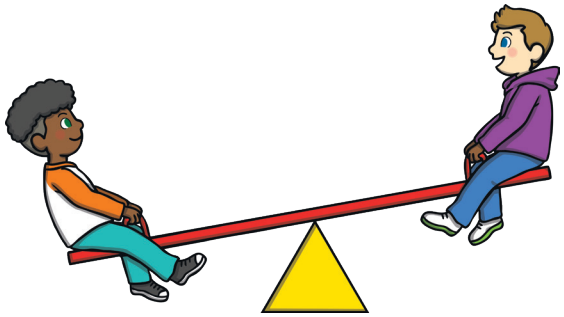
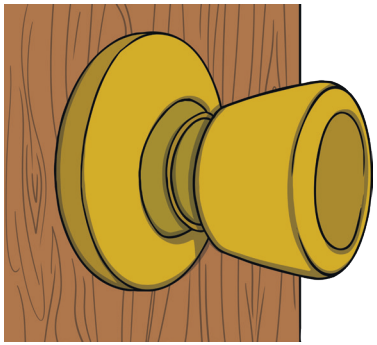
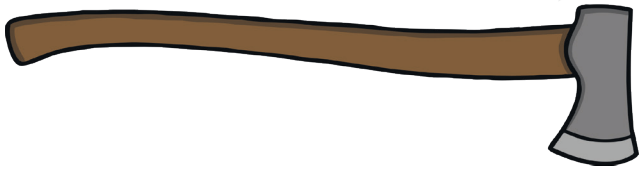
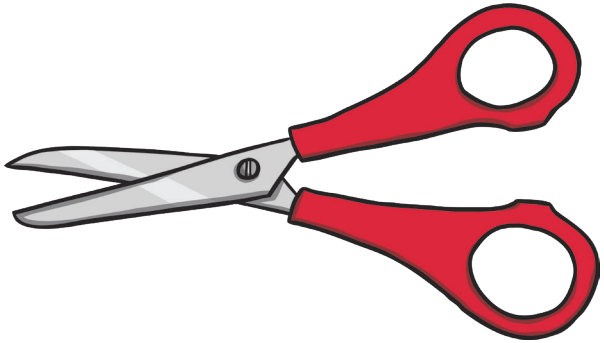
inclined (sloping) plane		
wedge		

Did You Know...? A Woomera is a spear throwing lever.

Challenge: Can you draw some more examples for each of the simple machines?

		One end is lower than the other end. This allows things to travel from the higher end to the lower end, or vice versa, with little effort. • slides • ladder • ramps
		
A rope or chain with a wheel and axle attached. Using it means that heavy loads can be lifted without much effort. • lifts • cranes • wells	Can be used to separate an object. It is usually triangular shaped. They can also hold things together and stop them from moving. • axe • staples • nails • doorstops	Allows something to move from a lower position to higher position by moving it in a circle. • jar lids • taps • drills • end of lightbulbs



They have four important parts: the bar, the fulcrum (pivot point), the effort and the load.

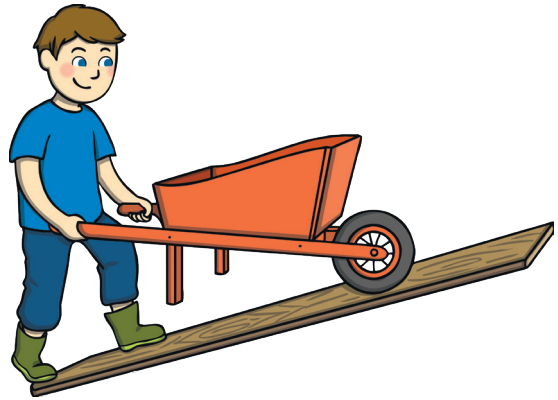
- see-saws
- oars
- wheelbarrows
- scissors
- fishing rods

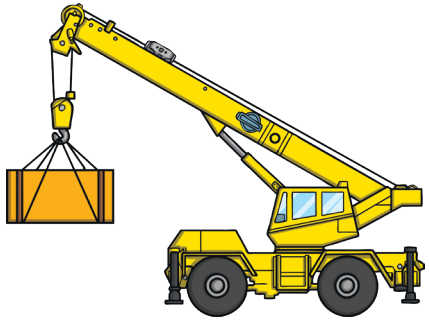
Most common of the simple machines.

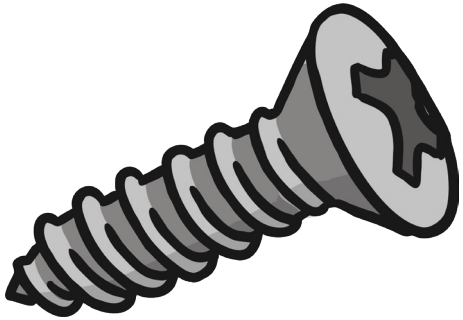
One part cannot work without the other.

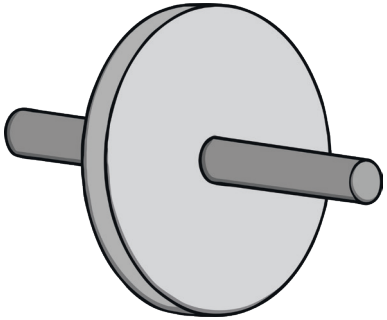
Force is used to turn one part, which then causes the other part to turn.

- screwdrivers
- skateboards
- doorknobs









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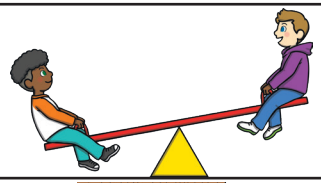
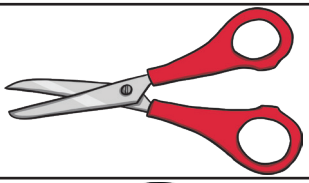
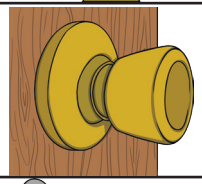
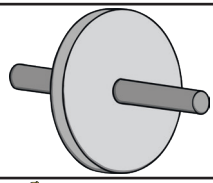
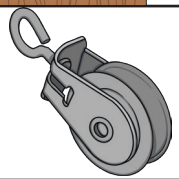
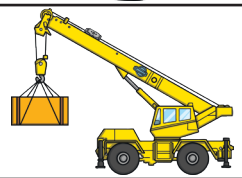
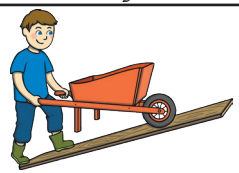
levers	• see-saws • oars • wheelbarrows	• scissors • fishing rods	 
wheel and axle	• screwdrivers • skateboards	• doorknobs	 
pulley	• cranes • wells		 
screw	• jar lids • taps • drills	• end of lightbulbs	 
inclined (sloping) plane	• slides • ladders	• ramps	 
wedge	• axes • staples	• nails • doorstops	 

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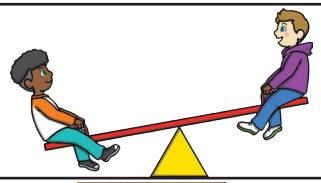
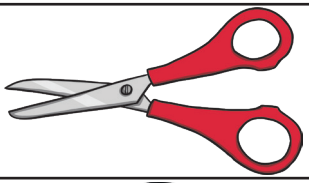
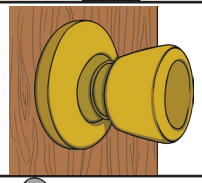
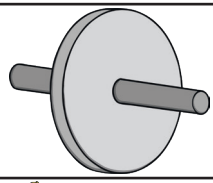
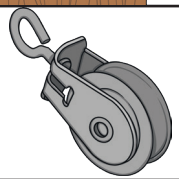
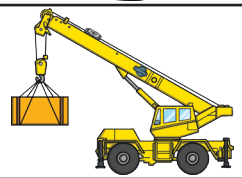
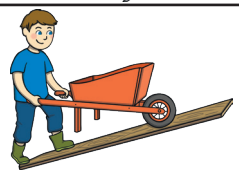
levers	• see-saws • oars • wheelbarrows	• scissors • fishing rods	 
wheel and axle	• screwdrivers • skateboards	• doorknobs	 
pulley	• cranes • wells		 
screw	• jar lids • taps • drills	• end of lightbulbs	 
inclined (sloping) plane	• slides • ladders	• ramps	 
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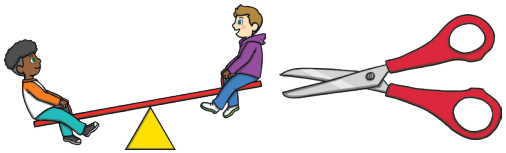
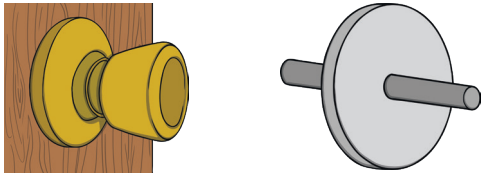
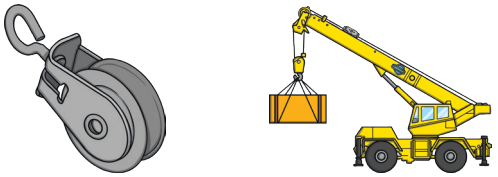
levers	They have four important parts: the bar, the fulcrum (pivot point), the effort and the load. • see-saws • oars • wheelbarrows • scissors • fishing rods	
wheel and axle	Most common of the simple machines. One part cannot work without the other. Force is used to turn one part, which then causes the other part to turn. • screwdrivers • skateboards • doorknobs	
pulley	A rope or chain with a wheel and axle attached. Using it means that heavy loads can be lifted without much effort. • lifts • cranes • wells	

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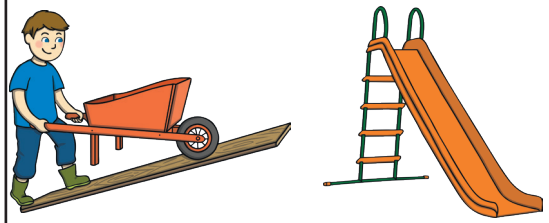
inclined (sloping) plane	One end is lower than the other end. This allows things to travel from the higher end to the lower end, or vice versa, with little effort. • slides • ladders • ramps	
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