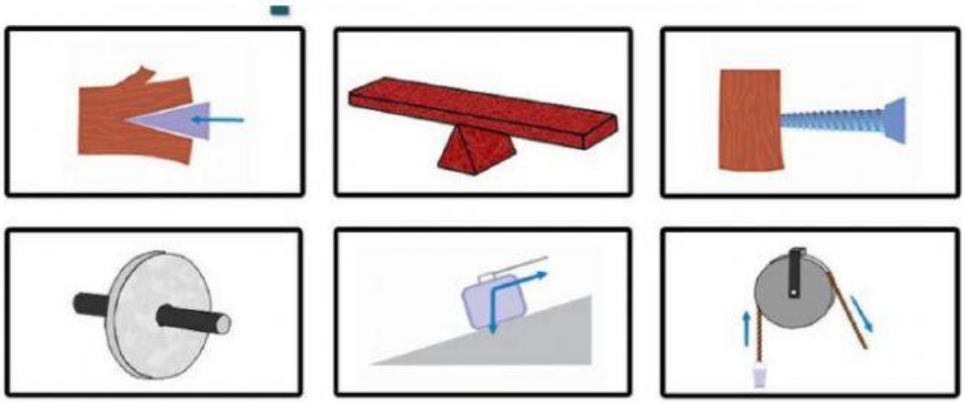
Language Arts Drag and Drop and Matching Simple Machines

Drag the Names and match them with their diagram/picture.

Inclined Plane **Screw** **Wheel and Axle**

Pulley **Wedge** **Lever**



Matching Activity: Match the type of simple machine to their definition.

Pulley	Consisting of an axle to which a wheel is fastened so that torque applied to the wheel winds a rope or chain onto the axle, yielding a mechanical advantage
Lever	Consisting of a spirally grooved solid cylinder and a correspondingly grooved hollow cylinder into which it fits
Inclined Plane	A wheel with a grooved rim in which a pulled rope or chain can run to change the direction of the pull and thereby lift a load
Wedge	Consisting of a beam or rigid rod pivoted at a fixed hinge, or fulcrum. A rigid body capable of rotating on a point on itself.
Screw	Also known as a ramp, is a flat supporting surface tilted at an angle, with one end higher than the other, used as an aid for raising or lowering a load.
Wheel and Axle	Simply a triangular tool, often made of metal, wood, stone, or plastic. It is thick on one end and tapers to a thin or sharp edge on the other end.

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