Force, motion and energy

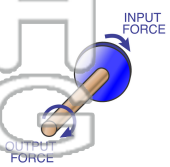
Sci D

Name_____ Class_____ Date_____

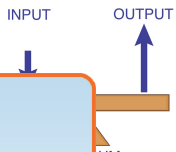
Match each of the following terms to its definition:

Inertia	Pulley	Gear	Chemical energy
Lever	Electrical energy	Insulator	Wheel and axle

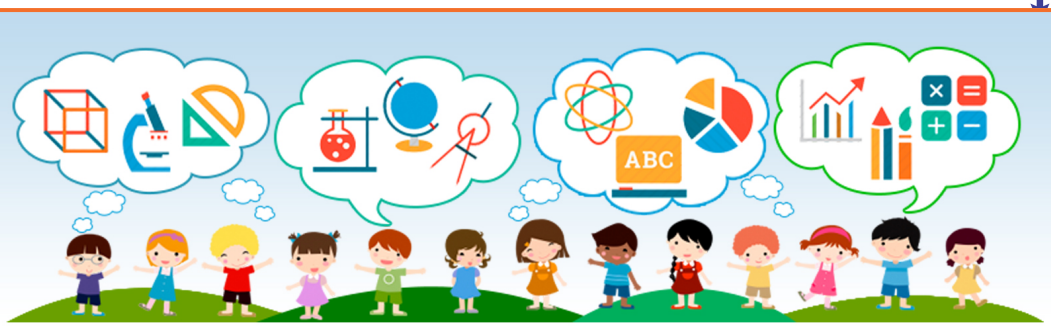
1. _____ - a simple machine consisting of a bar that a wheel revolves around, on or along with it



2. _____ - a simple machine that can be pushed down on one side to raise an object on the other side

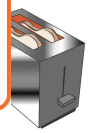


3. _____

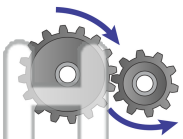


4. _____ holds the reaction

5. _____ charged



6. _____ - a simple machine that is made of two wheels that have notches that fit together either directly or by a chain or belt which allows one wheel to turn the other wheel



7. _____ - the tendency of an object to resist change once it is in motion; a property of matter referring to the way an object remains at rest and doesn't move unless something forces it to move

8. _____ - a material that doesn't allow very much heat to run through it; does not conduct heat and therefore keeps warm air from escaping

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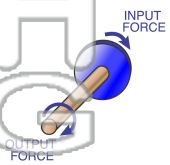
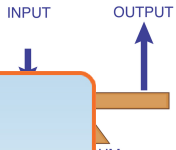
1. wheel and axle - a simple machine consisting of a bar that a wheel revolves around, on or along with it



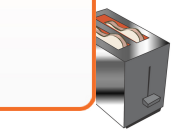
2. lever - a simple machine that can be pushed down on one side to raise an object on the other side



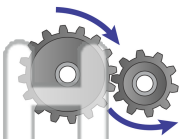
3. pulley

4. chem
that hold
chemical

5. electr
charged



6. gear - a simple machine that is made of two wheels that have notches that fit together either directly or by a chain or belt which allows one wheel to turn the other wheel



7. inertia - the tendency of an object to resist change once it is in motion; a property of matter referring to the way an object remains at rest and doesn't move unless something forces it to move

8. insulator - a material that doesn't allow very much heat to run through it; does not conduct heat and therefore keeps warm air from escaping