**Applied Science and Technology – Vocabulary you need to know!**

Dec. 1, 2020

Look up the following words and write definitions in your own words.

(Cutting and pasting in definition will not help you understand them!)

Add an example for each definition. Use the example below as a model for the other words.

**Sample:**

Equilibrium: when an object stays in one place – balance. Ex. The car found its equilibrium, with two wheels in the air and two the ground, it could go either way!

Force:

Fire triangle:

Magnetic field:

Resistance:

Volts:

Amperes:

Intensity:

Conservation of energy:

Thermal:

Mechanical:

Electrical:

Energy dissipated:

Series circuit:

Parallel circuit:

Electromagnet:

Adhesion:

Malleability:

Constraint:

Compression:

Deflection:

Torsion:

Tension:

Orthogonal projection:

Speed ratio in gears:

Non-renewable resource:

Greenhouse gases:

Fossil fuel:

Oxidizing agent:

V.I.R.

Positive – Negative charges

Watts

Transformer

Solenoid

Friction gears

Perpendicular

Worm gear

Sprocket wheel and chain

Geothermal

E= P \* T

P= V\*I

Density = Mass/volume

Intensity of gravity on earth: 9.8 N/kg

Systems

 Oxygen

 Water

 Planets

 Human bodies

Ozone layer

Solar flares:

Climate change:

De-forestation:

Plastic:

Smog: