




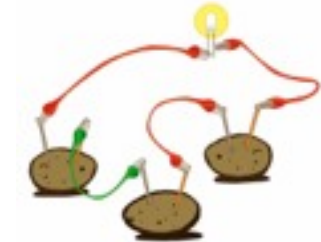
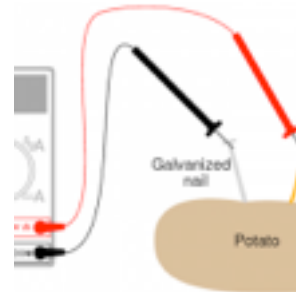


	Scientific Method Steps	What does that mean?
	Question	Ask
	Research	Observe
	Construct Hypothesis	Guess
	Test with experiments	Try
	Report Results	Decide

Potato Battery- Can a potato run a light?

Phosphoric acid in potatoes is an electrolyte for conduction of ions of the copper and zinc in the metals

Anode is positive + (pennies)-red
Cathode is negative - (nails)-black



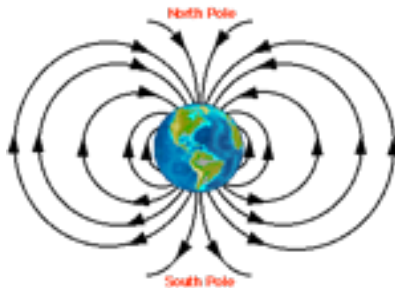
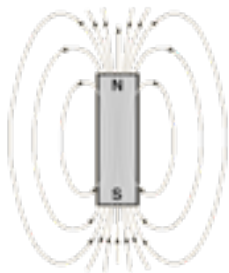
Try setting your up each way...Why do you think more potatoes helps?

Potato Chip Bag Compass

Can we turn a Pin into a compass?

Check this out!

Play with magnets, string, and compasses
What the deal with north and south poles?



How could we make a compass with a magnetized pin, water, a piece of potato chip bag?

Could you make one in nature with a leaf in a puddle?

Can you stick a straw through a potato?

Is a straw strong enough to pierce a potato all the way through?



Which way worked? Was one easier?

Boyle's Law is the reason the increased air pressure makes the straw more stable...the compressed air molecules exert force on the walls of the straw preventing it from bending.

Can you increase the pressure in a straw and pop it?