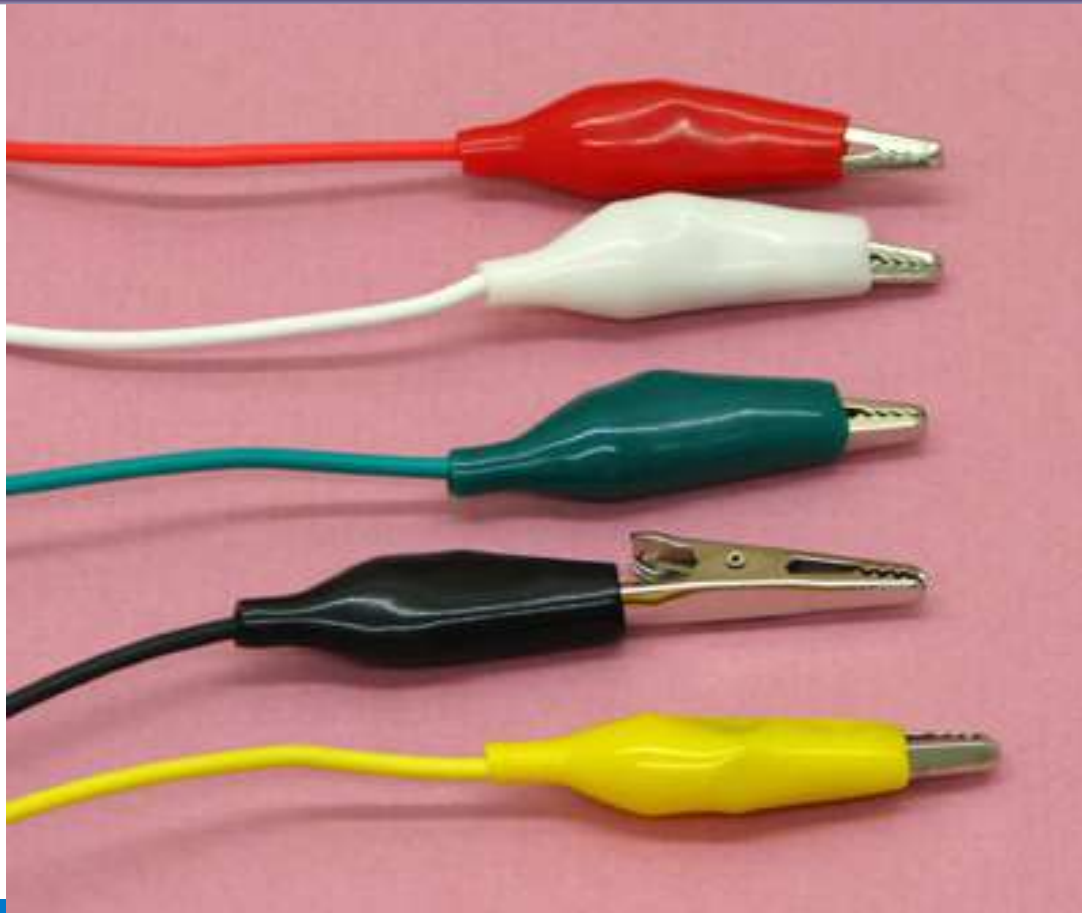


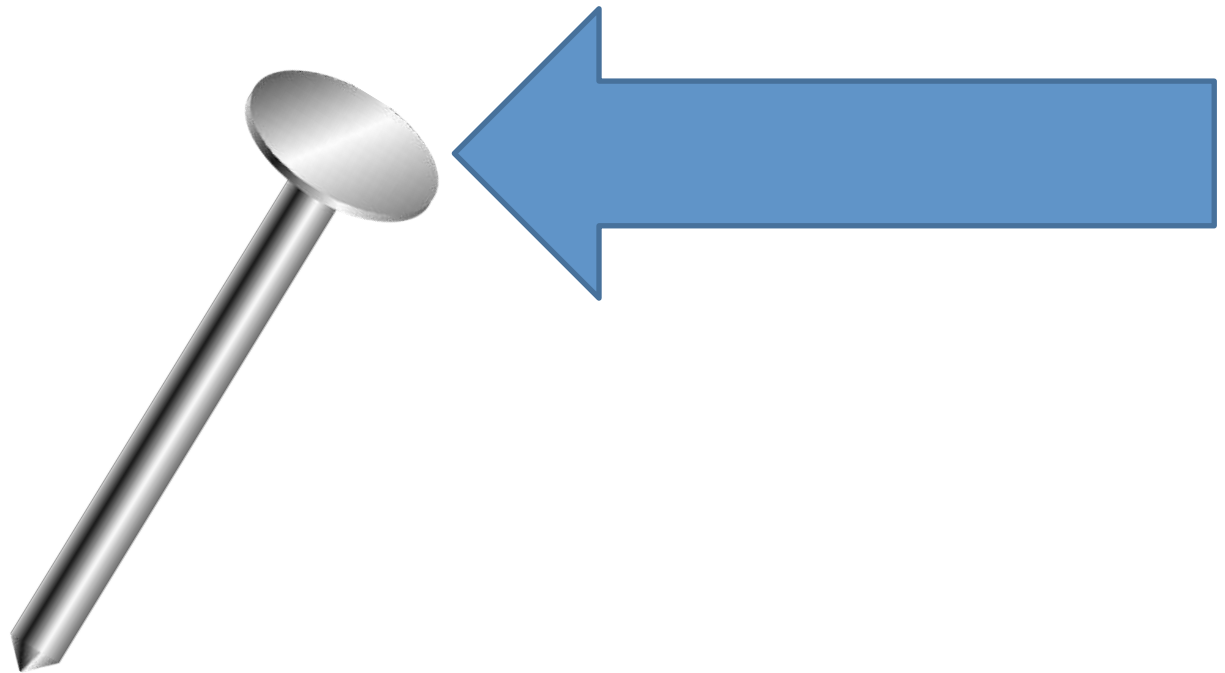
Words that we will need

Exceptional Electromagnets Part 1

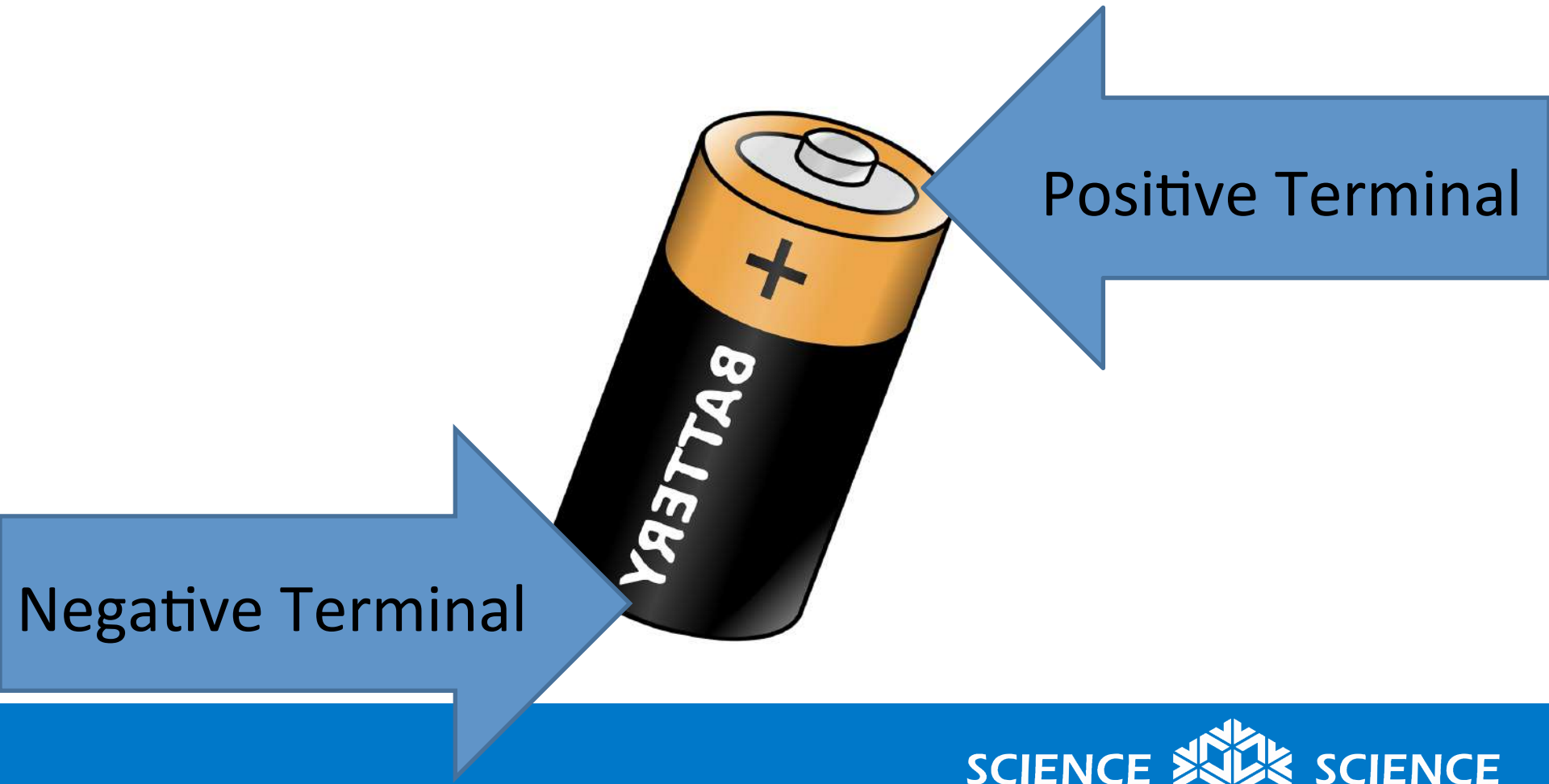
Alligator Clip



Head of a nail



Negative Terminal / Positive Terminal



Let's play a game
– What am I?...

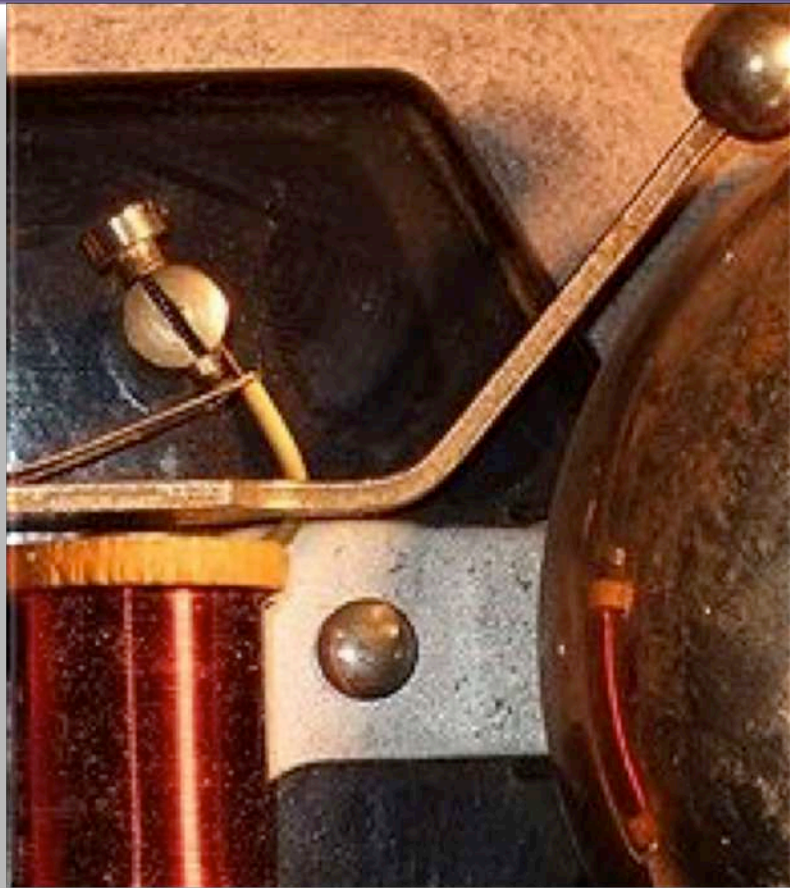
What am I?



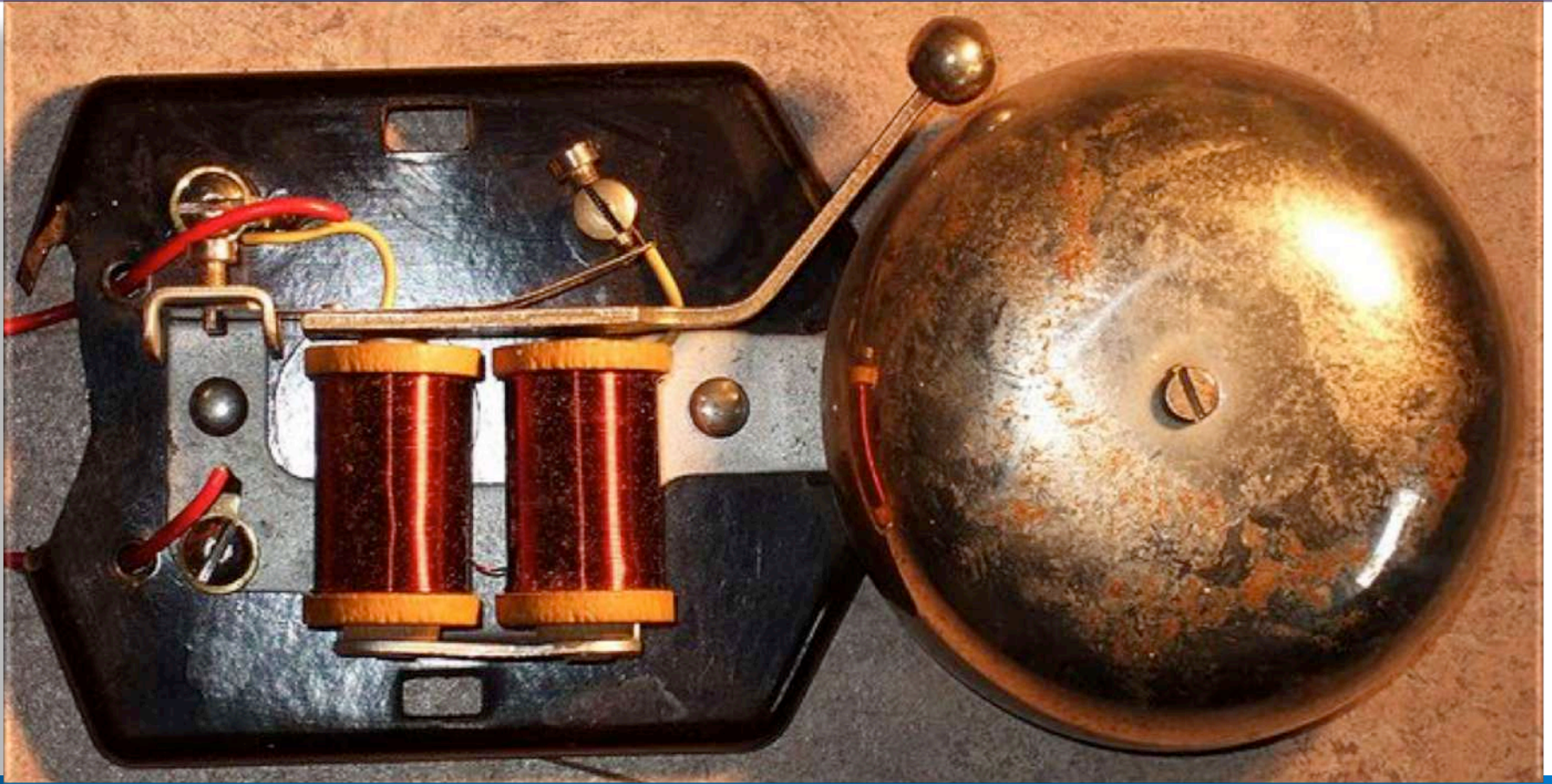
What am I? – Junk Yard Electromagnet



What am I?



What am I? – Electric Bell



What am I?



What am I? - Loudspeaker



What am I?



What am I? – Electric Motor



What am I?



What am I? – Computer Hard Drive



What am I?



What am I? – MRI Machine



Q: What do all of these objects have in common?

A: They all use electricity to create magnetism. They have ELECTROMAGNETS!

When electric current goes through a wire, it creates a magnetic field around the wire!

Learning Goals. Today we will

- Learn words related to electrical devices
- Understand how to build and use an electromagnet
- Learn some of the types of technology that use electromagnets.
- Learn that electricity and magnetism are connected

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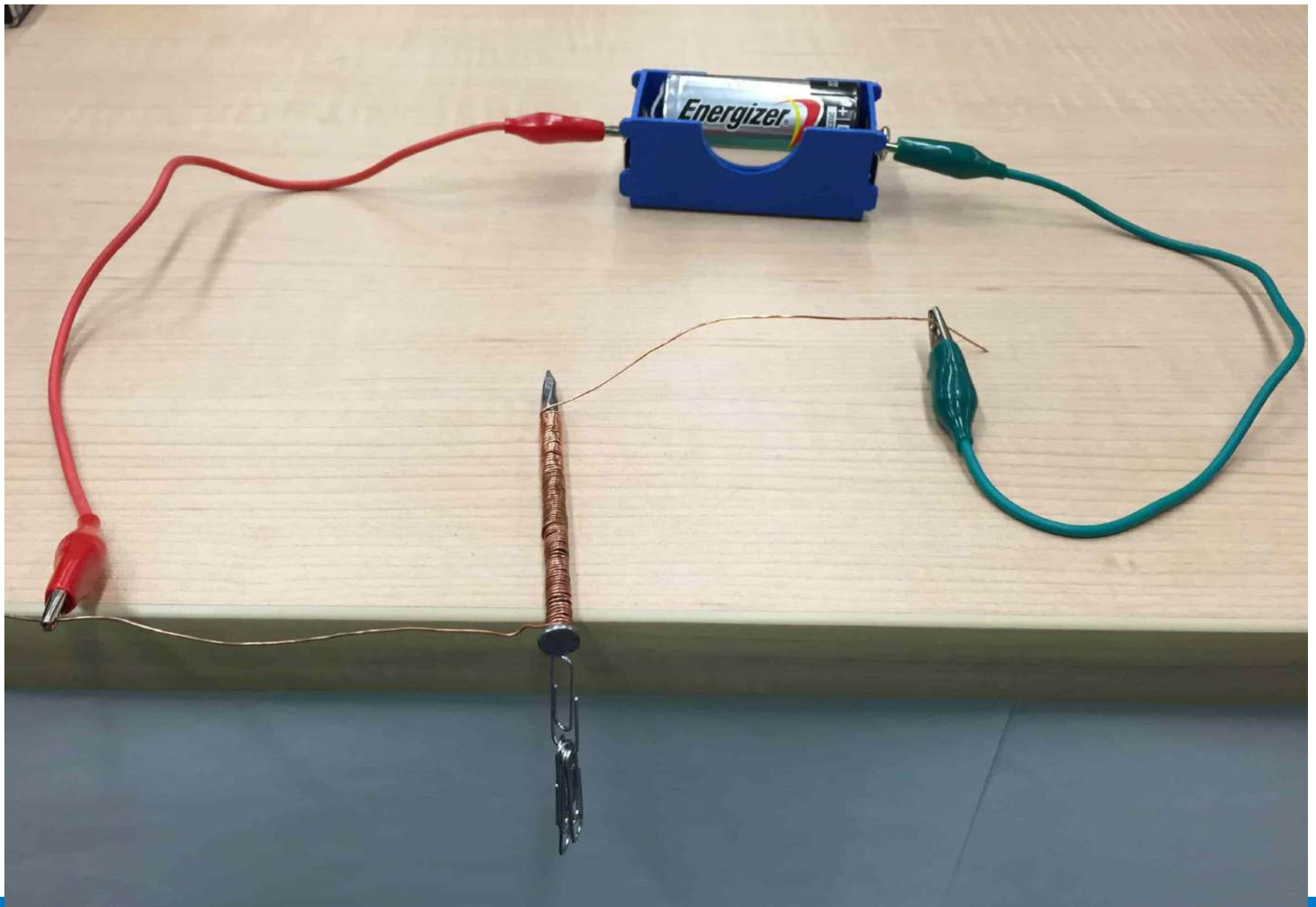
C

D

Jumbled Instructions - Solutions









Safety First! – Always disconnect between tests

