

Pre-Assessment Unit 2: Using Magnetism and Electricity



What do I already know about electricity?

Complete the Frayer Model by answering these questions.

What is electricity? What is magnetism?	What do I have to do to be safe around electricity?
Using Electricity and Magnetism	
What is needed for electricity to flow?	How can electricity be turned on and off, controlled, and made to operate devices?

Need a Hint?

- Think carefully about the toys you use: what provides energy for them? **Introduction to Electricity:** <https://www.youtube.com/watch?v=EJeAuQ7pkpc&feature=youtu.be>
- Consider magnets: have you ever used a magnetic note board or a toy where some of the pieces are magnets? **How is Electricity Made: Science for Kids** <https://www.youtube.com/watch?v=nMs1OauRR1g&feature=youtu.be>
- Electricity carries energy and it does so very well through metal. What can we do to be sure we do not come in contact with metal that is carrying electricity?
- Think about the devices that use electricity in your home: What always is used to connect the device to the source of electricity? **What is the Story of Electricity for Kids.** https://www.youtube.com/watch?v=0zif9w_vqx0&feature=youtu.be
- Think about how you use electrical devices. When you enter a room, how do you turn on the light? When you want to use electrical devices, how do you turn them on?