

Lesson Plan for electricity/magnetism 3rd Grade

Objective: During this class period, the students should know the definition of electricity and be able to set up a correct circuit to explore electricity further.

Recall: Review what you learned before about static electricity and which objects attracted and which repelled. (5 Minutes)

Set Up: First show the students the materials they will be using and safety precautions. (5-10 Minutes)

1. Battery
2. Wire
3. Light bulb

Then set up the circuit for the class to observe and to have as an example.

Observation: Put the students into groups of 4, and have them set up the circuit to the best of their ability. (10- 15 Minutes)

- Go around and check to make sure the circuit works for each group
- Give them time to observe the circuit and what is happening
- Have each student write a sentence or two about what is happening to the circuit

Wrap-Up: Bring the class back together and have them brainstorm different things they could put into the circuit.

- Switch
- More lights
- More batteries

What the term Electricity means: Electric current used or regarded as a source of power.

Lead in to tomorrow's lesson: Exploring electricity by putting new objects into the circuit

Clean up before leaving

Paragraph:

The idea I want the students to explore is how to set up a simple circuit and explore what happens when it is all put together. I will get it to click by letting them to create a circuit and then clearly state what electricity means, which will then be further explored in the next class. I will time everything, and since I have already demonstrated the circuit, it shouldn't take too long for them to put it together, leaving more time for observation. For this lesson, we will need wire, batteries, and light bulbs. First we will break into small groups and then come back into a group and discuss what they have just learned. A challenge I might face is that the students will not understand how to correctly set up the circuit, but by demonstrating it would help the process go more quickly. Working with 9 year olds, they do not have the prior knowledge that 21 year olds have. My plan would change because they most likely already have learned the term electricity, in which case I would create a more complex activity.