

Grade/Class	6	Date	23/01/2020
Topic	HOW TO BUILD AN ELECTRICAL CIRCUIT	Time	20 MINUTES
Unit title	ELECTRICITY	Designer	PAMELA SARFO/ESE UMUKORO

Lesson Outcomes

Essential Understandings

The students will know:

- the definition of an electrical circuit.
- basic components of an electrical circuit

Essential Questions

- How does understanding the properties of insulators and conductors help us to use electricity safely?

Curricular Outcomes

The student will be able to:

- Develop a definition of an electrical circuit, based on classroom explorations.
- Know open and closed circuits.
- know the use of switches in electrical circuits.
- Know when the bulb will glow.

Cross-Curricular

- From math, students know what triangle, rectangle and circles are. The name circuit was derived from the circle. Meaning everything is connected in a circular form.

Real-World Connections

A circuit is used to power cars, bulbs, trains and so on.

Materials (ICT considered)

- Resources referenced, handouts, ICT equipment, etc.
- Activity
 - PowerPoint presentation
 - Get color notes and extra pencils available.
 - Colorado phet presentation
 - Kahoot
 - mentimeter

Differentiation Strategies

- Consider cultural diversity, adaptations, and groupings
- Students will be paired to help with the idea of peer tutoring.
 - I will move around the class to see if students are getting the concept of a circuit.

Assessment Evidence

Assessment FOR learning Mentimeter will be used to activate prior knowledge.	Assessment AS learning Students will be asked to perform their own experiment.	Assessment OF learning The game Kahoot will be used as an applying strategy.
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Learning Plan		
Activating <ul style="list-style-type: none"> Students will share their thoughts on the mentimeter about what electrical circuit is. This will help activate their previous knowledge. 		Timeline 5 minutes
Acquiring <ul style="list-style-type: none"> Explanation of what open and closed circuit will be given from the PowerPoint presentation. Students will do the lab associated with this lesson. 		10minutes
Applying <ul style="list-style-type: none"> Students will answer questions using Kahoot. 		5minutes
Reflections about the lesson:		

