

Circuitry Lesson Plan

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Abstract

The lesson focuses on the basic principles of circuitry and electric conductivity. Students are expected to understand the basic flow of electricity, the nature of conductivity, and the terms associated with this phenomenon. Lesson Focus and Goals: Structure / Activity: This activity involves a lesson on basic circuitry, including the three primary elements of a circuit: a power source, a wire or conductor, and a switch. The important terms for this project are current, flow, and conductivity. Students will then design their own circuits using the terms and key elements learned from the lesson. Materials Needed: White board, Smart Phone or Tablet, Notebook paper. Assessment: The formative assessment requires students to design their own circuits on a sheet of paper. The circuits must include a definition of current and flow, as well as the three primary parts of the circuit: a power source, a conductor or wire, and a switch. Learning Objectives: Students will be able to show their mastery of basic circuitry by designing their own circuit using the three components of a circuit. LESSON PLAN

LESSON PLAN

Grade: 9-12

Subject: Mat. Science

Date: 10/21/22

Topic: Basic Circuitry

Lesson #

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- Students are expected to understand the basic flow of electricity, the nature of conductivity, and the terms associated with this phenomenon

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