

Electric Light and Press Switch

30 minutesDiscovering the Magic of Circuits

WHAT THIS LESSON DOES

As the teacher, guide your students through building a simple circuit using Snap Circuits. Start by explaining electricity and switches, then oversee the step-by-step assembly of components on a base grid to light up a lamp with a press switch.

WHAT STUDENTS SHOULD BE ABLE TO DO

- Understand the basic principles of electricity and its flow.
- Recognise the function and importance of a switch in controlling the flow of electricity.
- Construct a simple circuit using a press switch and a light bulb.
- Apply knowledge of circuits to successfully light up a bulb using a press switch.
- Explore and experiment with different circuit configurations using Snap Circuits.

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HOW THE LESSON RUNS	
Introduction	
Prepare the Base Grid	
Inserting Batteries	
Place the battery holder (B1)	
Place wire block (3)	
Place the lamp block (L1)	
Place the press switch block (S2)	
Lighting Up the Circuit	
Time to Explore!	