







Lesson Plan

Lessons 1 - 2

Pre-lesson Task

Students bring 2 -3 pieces / pictures of disposed objects from home.

Procedure

Learning Focus (Time)	Activity / Content	Learning & Teaching Strategies	Elements of GE	Learning & Teaching Resources
Sharing of designs (55 minutes)	<ol style="list-style-type: none"> Each group does a trial of connecting the electric parts provided. Students in each group share their designs. They choose the best design or combine designs among groupmates, and propose a plan for the final design. Students share their proposal with the whole class. Teachers and other students give comments and feedback. 	<p>Group discussion</p> <p>Presentation</p> <p>Questioning</p>	  	<p>Pre-lesson Worksheet</p> <p>LED, conductive tapes, a battery with battery box</p> <p>Lesson Worksheet Marking Rubrics</p>
Make the electric circuit games (55 minutes)	<ol style="list-style-type: none"> Each group builds the circuit according to the final design. Teacher identifies students' needs and gives assistance individually. Students tackle the problems during the process of making the games. 	<p>Questioning</p> <p>Group activity</p>	  	<p>LEDs, conductive tapes, 2 batteries and a battery box</p> <p>Completed Lesson Worksheet</p>

Extended Learning Activity

Students make reflections on their performance and finish the Extension Worksheet.