



Overview

Children apply their scientific understanding of electrical circuits to create a robot made from easily available materials and objects. They will design and evaluate their robot against set design criteria.



Key Vocabulary
battery
bulb
cell
circuit
conductor
electricity
electrical item
insulator
switch
current
wire

Key Points of Learning	RAG	BDS
Explore the difference between 'electrical' and 'electronic' systems and recreate a simple circuit		
To understand what is important when designing a robot		
Design a robot using design criteria		
I can build a working circuit for my robot including a switch following my design		
I can evaluate the finished product against my design.		

