

Science

How can you make a circuit using a switch?

Can you predict what will happen if you add different batteries to a circuit?

How can you build a parallel circuit?

Can you predict which items may be conductors and which may be insulators?

How do we transfer energy to generate electricity?

Why is it important to measure how much energy we use with different electrical appliances?

DT

How can you construct a circuit?

What criteria will you need to create a game?

How well does your game meet the design criteria?

What are the advantages and disadvantages of using different circuits in your game?

Which components will you include in your design plan?

What are the similarities and differences between the games?

History

Can you create a timeline to illustrate the most significant discoveries in the history of electricity?

Health and Well-Being

How can we stay safe while using electricity at home?

Can you explain the effects of blue light?

Full Power

Autumn 2024

Year 6