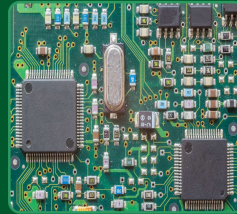
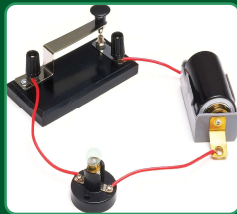




Key knowledge

- Incorporate a circuit into a model.
- Use electrical systems such as switches bulbs and buzzers.
- Use ICT to control products.



Key vocabulary

torch	A portable battery-powered electric lamp.
circuit	A complete path that electricity flows through.
switch	A device for making and breaking the connection in an electric circuit
function	The job of a certain thing.
components	The parts of a piece of technology.
bulb	A single electrical light.

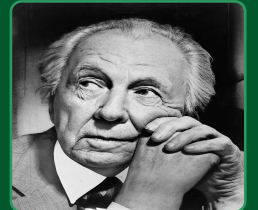
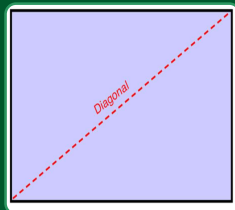
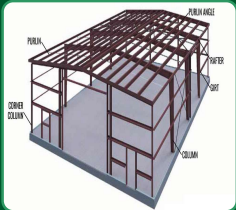
Key questions

- 1 What does a circuit need to power a bulb?
- 2 Can you point to an example of a switch? What does it do in a circuit?
- 3 What is the function of a torch?
- 4 What components would you use to build a torch?
- 5 Who invented the light bulb?
- 6 When a switch turns off, what does it do to a circuit?



Key knowledge

- Create shell or frame structures.
- Strengthen frames with diagonal struts.
- Make structures more stable by giving them a wide base.
- Measure and mark square section, strip and dowel accurately to 1cm.



Key vocabulary

frame	The inside structure of a building.
diagonal	Beams not at a perpendicular angle.
stable	Does not fall or break easily.
free standing	Stands on its own without support.
architect	A person who makes designs for buildings.
Frank Lloyd Wright	One of the most famous architects in history.

Key questions

- 1 How can you make a building design stronger?
- 2 What does diagonal mean and can you point to a diagonal line?
- 3 Can you name a famous technology designer or architect?
- 4 Why is the base of a structure important?
- 5 How would you make sure wood is the correct length?
- 6 Who was Frank Lloyd Wright?



Key knowledge

- Develop sensory vocabulary/knowledge using, smell, taste, texture and feel.
- Analyse the taste, texture, smell and appearance of a range of foods (predominantly savoury).



Key vocabulary

savoury	Food that is salty or spicy rather than sweet.
texture	Soft or hard, mushy or crunchy, or smooth or lumpy.
appearance	Look, colour, texture, and presentation.
recipe	A series of instructions to prepare food.
combine	The ways in which we mix ingredients together.
food groups	Each food group is a variety of foods that are similar in nutritional makeup.

Key questions

- 1 What is your favourite savoury food?
- 2 Can you describe the texture of lettuce?
- 3 How would you describe the appearance of hummus?
- 4 Can you name the food groups on the Eat Well plate?
- 5 Which cooking methods can you name?
- 6 Can you name a famous cook or chef?