

Name:

Date:

Unit title: Doodlers

1 What is an electrical system?

- A A group of parts that transport electricity around a circuit.
- B A product that is electrical and has an on/off switch.
- C A telephone pole for sending and receiving phone calls.
- D A group of products that store electricity.

2 What do we mean by product analysis?

- A To recolour and design a product to become something else.
- B To purchase a specific product based on certain criteria.
- C To develop and improve a product.
- D To look at an object and evaluate it based on certain criteria.

3 What is this circuit component called?

- A Switch.
- B Cell.
- C Buzzer.
- D Motor.

4 If there is a break in a series circuit...

- A ...all components switch on.
- B ...only some components switch on.
- C ...all components switch off.
- D ...nothing happens.

5 To investigate something means to...

- A ...recycle and reuse materials to make something new.
- B ...advertise and market something ready for sale.
- C ...write a story about how a product was made.
- D ...research and look at something in greater detail.

6 A motor converts...

- A ...human force into electrical energy.
- B ...electrical energy into rotational movement.
- C ...electrical energy into up and down movement.
- D ...electricity into light.

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7 What do these products have in common?

- A They are both kitchen equipment.
- B They are both easy to store.
- C They are both powered by hand.
- D They are both motorised.

8 What does the acronym DIY mean?

- A Designed it yesterday.
- B Did it yesterday.
- C Denmark Italy Yorkshire.
- D Do it yourself.

9 Which of the following is not a circuit component?

- A Paper clip.
- B Battery.
- C Bulb.
- D Motor.

10 Explain the difference between these two products and how they function.