

Name:

Date:

KS2 Quiz

Unit title: Wobble bots

1

Which circuit will make the bulb light up?

A

B

C

D

2

What is this electrical component called?

A

Bulb.

B

Wire.

C

Battery.

D

Motor.

3

A motor converts...

A

...electricity into movement.

B

...movement into light.

C

...electricity into sound.

D

...electricity into light.

4

Which picture does not show a motorised product?

A

B

C

D

5

The motor in this product makes it...

A

...ring.

B

...wobble and vibrate.

C

...light up.

D

...turn on.

6

To investigate something means to...

A

...make something from recycled materials.

B

...write a story about how a product was made.

C

...advertise a product.

D

...try out different things and see what happens.

7

Why are design criteria important?

A

They tell the user how to use the product.

B

They help check if a product meets the design brief and is successful.

C

They tell you what parts of a product do.

D

They mean the product will definitely work.

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8 What does the word annotate mean?

- A** Add labels to a diagram to explain it.
- B** Make two designs and choose between them.
- C** Draw sketches from different angles.
- D** Talk to someone about what they like or dislike about a product.

9 How can a switch improve a product?

- A** It makes it look more appealing.
- B** It means you can use up spare materials so they are not wasted.
- C** It can make it easier to turn on and off safely.
- D** It makes the other electrical components work better.

10 Explain how this product works when the circuit is connected.