

Name:

Date:

KS2 Quiz

Unit title: Wearable technology

1 What key event led to the development of digital technology?

- A** The Computer Revolution.
- B** The Big Bang.
- C** The Digital Revolution.
- D** The Industrial Revolution.

2 Wearable technology means wearable items that...

- A** ...have a mind of their own.
- B** ...assist with everyday life.
- C** ...have an on/off switch.
- D** ...can tell the time.

3 What is a list of design criteria?

- A** A list of materials used for building the design.
- B** A brochure of shops that stock smart wearables.
- C** A list of points that outline a product's intended purpose.
- D** A range of people that the product will meet the needs of.

4 Why is it important to write design criteria?

- A** To make a beautiful, high quality product.
- B** To ensure the product meets the design brief.
- C** To avoid making mistakes when using tools and equipments.
- D** To stick to one design idea only.

5 A product analysis...

- A** ...to discuss a product's strengths and weaknesses.
- B** ...explain why the product is not very good.
- C** ...write a detailed description of the product's appearance.
- D** ...copy parts of an existing design onto your own ideas.

6 What is a loop in programming?

- A** Code that creates a countdown (e.g. numbers).
- B** Code that repeats something again and again until stopped.
- C** Code that draws a circle pattern.
- D** Code that creates endless lists.

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7 What product function could be created by using a loop?

- A** A sensor to turn a light on or off.
- B** A string of letters across an LED panel.
- C** Clearing the LED panel.
- D** A flashing light when a button is pressed.

8 Which of these should you add to a product concept drawing?

- A** Annotations.
- B** Colour.
- C** Key features.
- D** All of the above.

9 What does CAD stand for?

- A** Connected and design.
- B** Computer-aided drawing.
- C** Computer-aided design.
- D** Company and design.

10 Explain the purpose of a point-of-sale display.