

Name:

Date:

KS2 Quiz

Unit title: Monitoring devices

1 What is a device?

- A Something with one function.
- B Equipment made for a specific job.
- C An electronic product.
- D An object needing human input.

2 What can you do using 3D CAD?

- A Feel the model's texture.
- B Saw, file and sand the model.
- C Reinforce the model with glue.
- D Create virtual models on a computer.

3 What is a monitoring device?

- A An electronic product that prints information.
- B A device that turns on/off automatically.
- C Something that thinks for itself.
- D An electronic device that observes and records.

4 What is a sensor?

- A A device that detects and responds to changes.
- B A product that only measures temperature.
- C A device with an electrical system.
- D Something with processing capabilities.

5 In 1942, what did the inventor Anders Celsius develop?

- A The Celsius scale (0 °C-100 ° C).
- B The smart thermostat.
- C The thermometer.
- D The Fahrenheit scale (32 °F-212 °F).

6 What are plastics?

- A Human-made materials made from gold.
- B Natural materials from tree bark.
- C Synthetic materials from oil, gas or coal.
- D Natural, sustainable materials from stone.

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7 What are the six Rs of sustainability?

- A Rethink, refuse, reduce, reuse, repair and recycle.
- B Reinforce, rescue, repeat, refuse, recycle and reuse.
- C Remedy, repair, refuse, repeat, reinforce and refresh.
- D Remember, ready, rocks, roll, repeat and recycle.

8 Most plastics are...

- A ...flexible, transparent, waterproof and weak.
- B ...soft, fluffy, opaque and flexible.
- C ...durable, heavy, stiff and strong.
- D ...lightweight, versatile, strong and waterproof.

9 What does electronic mean?

- A A device with decision-making ability.
- B A device that holds an electrical charge.
- C Something powered by electricity, such as from a plug or a battery.
- D A product with artificial intelligence.

10 How could a programmed product help an animal?