

Name:

Date:

KS2 Quiz

Unit title: Slingshot car

1 What is a mechanism?

- A Parts of an object that conduct electricity.
- B Parts of an object that slot together.
- C Parts of an object that attach to each other.
- D Parts of an object that move together.

2 What is an exploded diagram?

- A Used to show how parts of a product fit together for clear assembly.
- B Displays all components of a product from above.
- C Demonstrates how a product will fit inside the packaging.
- D Gives information about materials and where to use them.

3 What do we mean by aesthetics?

- A The energy that causes an object to move.
- B The purpose of an object.
- C The parts of an object that work together as part of a machine.
- D How an object or product looks.

4 What do we mean by graphics?

- A Images that are designed to explain or advertise something.
- B The quality of a picture or photograph.
- C How many pixels there are in a computer monitor.
- D Images that are created by hand.

5 Air resistance is...

- A ...how much air an object can hold.
- B ...the amount of air that can pass through an object.
- C ...the level of drag on an object as it is forced through the air.
- D ...how much air an object can generate.

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6 What is a template?

- A** A stencil you use to help you draw the same shape more easily onto different materials.
- B** The method for joining two pieces of material together.
- C** A frame for pictures or important letters to be stored inside.
- D** A cookie cutter.

7 Which view of the car can you see?

- A** Below.
- B** Side.
- C** Front.
- D** Bird's-eye.

8 Which view of the car can you see?

- A** Side.
- B** Bird's-eye.
- C** Front.
- D** Below.

9 Which view of the car can you see?

- A** Below.
- B** Bird's-eye.
- C** Side.
- D** Front.

10 Why is it important to test and evaluate a product?