

Name:

Date:

## KS2 Quiz

Unit title: Pop-up book

### 1 What is a design brief?

- A A description of materials, including size and texture.
- B A letter selling a product.
- C A short description of what you will design and make, including how it works.
- D A list of people who will use the product.

### 2 What is a list of design criteria?

- A The customer's personal information.
- B Details about an existing product.
- C A list of where the product will be stored.
- D A list of what the product must do to be successful.

### 3 What is a mechanism?

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

### 4 What movement do sliders create?

- A Spinning.
- B Side-to-side.
- C Pop-up.
- D Spring action.

### 5 What is an input?

- A When a person or machine makes a noise.
- B The energy used to start something working.
- C How a product functions.
- D Electrical energy only.

### 6 What is an output?

- A Putting something outside.
- B When a product stops working.
- C What happens as a result of the input.
- D When a movement stops.

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### 7 What is a prototype?

- A The final product sold in shops.
- B Accurate measurements of a product.
- C A list of parts and materials.
- D A simple model to test your idea and see how it works.

### 8 What is a template?

- A A frame for pictures or letters to be stored inside.
- B A way to join two materials.
- C A stencil to help draw the same shape more than once.
- D A biscuit cutter.

### 9 What is an exploded diagram?

- A A picture showing how parts of a product fit together.
- B A top-down view of a product.
- C A diagram showing how a product fits in packaging.
- D A list of materials and how to use them.

### 10 Draw and explain the mechanism needed for the fish to jump into the opposite/adjacent tank.