

Name:

Date:

KS2 Quiz

Unit title: Steady hand game

1 What does the phrase fit for purpose mean when related to a product?

- A The product will fit in its packaging.
- B The product works well for its intended purpose.
- C The product does not have a purpose.
- D The product has more than one purpose.

2 What do we mean by form over function?

- A The product works well but does not look good.
- B The product does not work well or look good.
- C The product looks good but does not work very well.
- D The product looks good and works well.

3 What is the name of this type of drawing used in design?

- A Sideways drawing.
- B Top-down drawing.
- C Side-view drawing.
- D Perspective drawing.

4 In this diagram of the steady hand circuit, the buzzer will make a sound. True or False?

- A True because it is all connected.
- B True because the handle is near the wire.
- C False because the handle is not touching the wire.
- D False because the battery is not connected.

5 Which of these is not a component in the steady hand game circuit?

- A Motor.
- B Wires.
- C Battery.
- D Buzzer or bulb.

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6 The net for the base of the game should be made of card so that...

- A ...it looks appealing to children.
- B ...it does not waste paper.
- C ...it is easy to pick up and move around.
- D ...it is strong and stable enough to stand upright.

7 What are the functions of the steady hand game?

- A To be fun and help children with their fine motor skills.
- B To be annoying and help children concentrate.
- C To be fun and help children with their gross motor skills.
- D To be frustrating and make children cry.

8 Why is it important to test the circuit regularly when adding it to the steady hand game?

- A To check that the buzzer is still working.
- B To check if it is fun to use.
- C To check that the components are still connected correctly.
- D To check that the wire stays upright.

9 Why is a bulb or buzzer used for this particular game?

- A The components are cheap.
- B It makes a clear signal if the wires are touching.
- C The components will stay in place on the game.
- D To help children develop their fine motor skills.

10 How can the buzzer be made to sound or the bulb to light up?