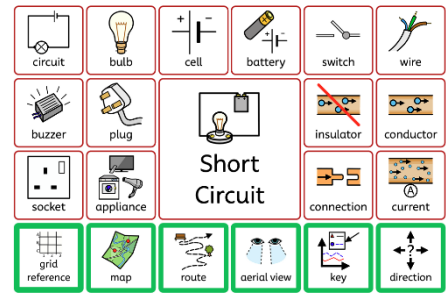


## Short Circuit Quiz Year 4

Set on – Wednesday 13th May

Due in – Monday 18<sup>th</sup> May

Name: \_\_\_\_\_



- Which of these is a good conductor of electricity?
  - Glass
  - Metal
  - Rubber
  - Newspaper
- What is an energy source in a circuit?
  - Bulb
  - Battery
  - Switch
  - Wire
- Which of the following items would conduct electricity?
  - Aluminium ladder
  - Wooden baseball bat
  - Rubber flip flops
- Why does the bulb go out when a switch is opened in a circuit?
  - Opening the switch closed the circuit
  - Opening the switch breaks the circuit
  - The battery was turned off
  - There was too much electricity flowing
- Which of these is **not** one of the 8 points of a compass?
  - North-West
  - South-West
  - North-East
  - West-East

6. Tick all the human features you would find on Brownsea Island.

- Castle
- Church
- Hospital
- Houses

7. Which of these physical features would you **not** find on Brownsea Island?

- Lagoon
- A woodland
- Mountain
- Beach

8. The distance across a grid square represents 1km.

What does the distance across 3 and half grid squares represent?

- 3km
- 350m
- 3500m
- 3km 50m

9. Would this circuit work? Explain your answer



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