



Brighter Bulbs



You need to test the conductivity of different materials to find the best conductor. This conductor will be used in the circuit to power the brightest possible bulbs for the new floodlights at a football pitch.

Test the materials in a circuit, and put them in order below.

Least conductive / dimmest bulb.

Most conductive / brightest bulb.

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You will present your recommendations to the football team. Plan your presentation below.

1. Introduce your group and what you will be presenting.

Hello, we are _____ and we
would like to present _____

2. Explain how you tested the materials.

To find the best conductor, we tested different
materials by _____

3. Give your recommendation for which material they should use to make the circuit for the floodlights.

Our tests show that the material you should
use in the floodlights is _____
because _____

4. Thank the footballers for watching and give them any more information they may need.

Thank you for watching our presentation.

Use these words in your presentation.

metal	circuit	bulb	observe	bright
conductor	sensor	shine	material	