

KEY STAGE: 2

AT/SC: 3

TITLE: Which materials will conduct electricity around a circuit?

Programme of Study:

3:1c that some materials are better electrical conductors than others

Points to consider:

- requires a circuit set up for each group/pair tackling the investigations
- will require a variety of materials which can be connected across the circuit

| Possible AT1 teaching focus: | Comments: |
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| <p><u>Planning</u> Asking questions Predicting Fair Testing Choosing equipment <u>Obtaining Evidence</u></p> <ul style="list-style-type: none">• Using tables Using equipment Observing and sorting Repeating readings <p><u>Considering evidence</u> Using graphs</p> <ul style="list-style-type: none">• Drawing conclusions• Interpreting Using science <p><u>Evaluating</u> Sufficient evidence? Consider anomalies Consider improvements</p> | <p>Good opportunities to generalise and draw conclusions, especially if different groups investigate different materials</p> |