



3I).

Electrical conductors and Insulators

Find out which items are electrical conductors and which are insulators.

YOU HAVE:

- A testing circuit.
- A selection of materials,
- A selection of fuses and cables.
- A selection of electronic components.

SAFETY:

- Do not use the tester near anything connected to the mains electricity.
- Do not use the tester with any batteries.

POSSIBLE QUESTIONS TO ANSWER:

- 1). Which common materials conduct electricity?
- 2). Which materials are good, poor conductors and which are insulators?
- 3). How can you test a fuse or a cable?
- 4). What can you discover about the electronic components?

REPORT.

Prepare to describe to the group:-
the experiments that you did,
what you have discovered,
any general conclusions.

Your report should take 3-4 minutes.

You should be prepared to answer questions from the group.