

## Activity 2: Conductors and Insulators

Some materials allow electricity to pass through them easily – these are known as conductors of electricity.

Metals are good conductors. Materials that do not easily let electricity pass through them are called electrical insulators. Examples include plastic, glass, wood and rubber.

**Which of these objects are conductors and which are insulators?**



**Metal spoon**



**Rubber band**



**Graphite pencil**



**Metal key**

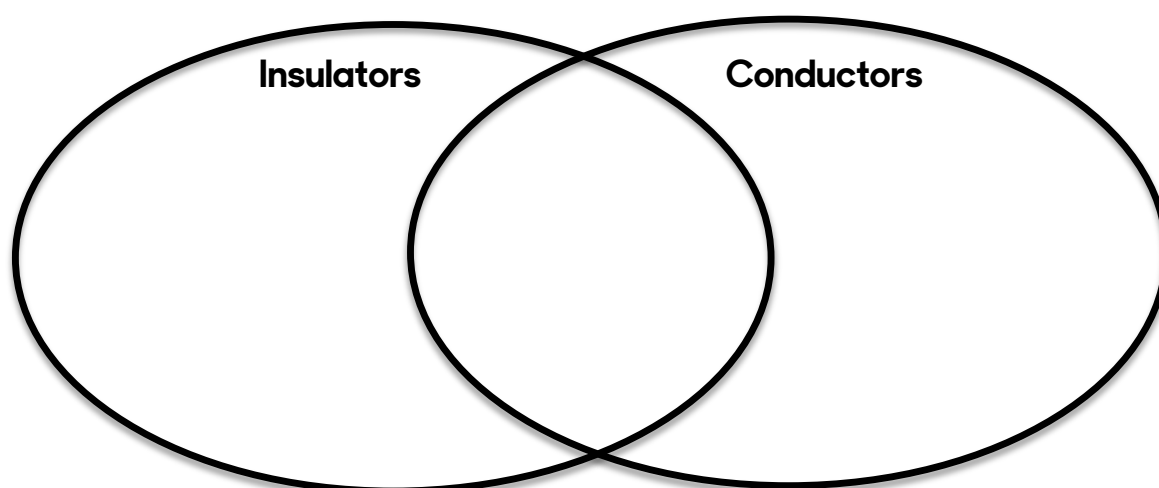


**Wooden spoon**



**Plastic toothbrush**

Using your knowledge of electrical conductors and insulators, classify these objects using the Venn diagram below.



Can you think of any other objects that are conductor and insulators? Ask your teachers to send your suggestions to [live.lessons@bbc.co.uk](mailto:live.lessons@bbc.co.uk) or use the hashtag #bbclivelessons for the chance to be featured or highlighted in the programme.