



## Conductors vs. Insulators

A conductor is a material that allows electricity to flow through it. Many metals, such as steel and copper are strong conductors of electricity and are used in power lines.

An insulator is a material that reduces or prevents the flow of electricity. Rubber, plastic, porcelain and glass are often used in the electricity distribution industry as protection from electrical current.

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Which is a conductor and which is an insulator?  
Match each word to the list it belongs to.

trees      air      diamond      fiberglass      water  
quartz      concrete      rubber      people      brass      ceramic  
lemon juice

Conductors

Insulators

Student name:

Grade:

Teacher name: