

Conductors and Insulators

A **conductor** is a material that **allows** electricity to pass through it.

An **insulator** is a material that **does not allow** electricity to pass through it.

nail	piece of string	paperclip		
metal spoon	ruler	pencil	toy car	5c
\$1	piece of wood	aluminium foil	key	
plastic spoon	piece of card	piece of paper		

Write the objects in the prediction column in the group you think they belong in. Test the objects and write them in the results column they belong in. Were your predictions correct?

Conductors		Insulators	
Prediction	Results	Prediction	Results

Conductors and Insulators - Results

What kind of materials will conduct electricity?

What kind of materials will not conduct electricity?

Why are insulators important?
