



Materials and their properties

(nearly) an A-Z quiz

Introduction

This quiz is a quick revision activity and reinforces pupils' knowledge of some scientific terms.

Managing the activity

The questions can either be asked around the class in turn, or put to the class as a whole, in which case answers need to be written.

A air	we breathe this but cannot see, smell or taste it
B boiling point	the point at which water turns rapidly into a gas
C Celsius	temperature is measured in degrees —
D dissolve	sugar will do this in water
E evaporate	water changes state between a liquid and a gas because of this
F freezing	the process that changes water into ice
G granite	type of hard rock
H hardness	this property of materials can be compared by a 'scratch test'
I insulator	materials which allow almost no electrical current to flow through them
J joined	for an electric current to flow, all the components in a circuit must be — together
L liquid	a material in this state changes its shape to fit its container
M melt	some solids will do this when heated
N natural resource	something found in nature that people can use
O oxygen	a gas found in air
P particles	all substances are made up of these
Q question	an investigation can start with one of these
R reversible	evaporating and condensing are — changes
S solid	this has a fixed shape and volume
T temperature	a measure of how hot something is
V volume	the amount of space an object takes up
W wood	this often leaves an ash behind when it burns

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