Introduction

This game is a revision activity to a lesson or series of lessons on periodic table topics.

Running the activity

There are 50 cards, two to a page, all different. Print out as many pages as you need and cut them in half to make individual cards. Give out individual cards to each pupil. The cards can be laminated and a wax pencil used to mark them.

The teacher has the sheet of key word definitions. Mark or tick off the questions asked during each session. You may wish to substitute definitions targeted at your pupils. The definitions are read out and pupils have to recognise and cross off the key word on their card. The first pupil to cross off all the words on their card receives a small prize. Check the winning card with the class to focus on the words used in the activity. Pupils can write out any definitions they definitions they do not recognise.

For a blank file contact nigel.heslop@scienceyear.com

Safety

Not applicable.

More ideas

The questions can be used as the basis of a quiz. Key words could be displayed beside the teaching station. Sticky Velcro patches make a good support for the word display. There should only be a few key words to focus attention on the target vocabulary for that session.

Learning outcomes

Recap periodic table and properties of elements.

Where the activity fits in

Revising and consolidating. QCA SoW 8E and 8F.

Skills

Vocabulary, recall skills.

Acknowledgements

Thank you to Lorna Coulson of Langley Park School for this activity.

Fun-Size: Periodic Table Bingo

Teacher notes

✓ Tick these off when used in the session

This metal can be used to make drink cans and saucepans:

Aluminium

A compound of this metal is essential for strong teeth:

Calcium

A halogen, used as an antiseptic and as a test for starch: lodine

A gas that gives a 'squeaky pop' with a lighted splint:

Hydrogen

Metal that reacts with water, burning with a lilac flame:

Potassium

Metal used in fireworks. Burns with a bright, white flame: Magnesium

Name of the vertical columns in the Periodic Table:

Groups

Another name for a policeman: Copper

A solid yellow non-metal. Burns to make an acidic gas:

Sulphur

A green gas, used in swimming pools to kill germs: Chlorine

This halogen is the most reactive non-metal.

Compounds of this element are added to toothpaste: Fluorine

Sliver metal that is liquid at room temperature:

Mercury

Name for a horizontal line in the Periodic Table: Period

Which of these is not a metal: gold, aluminium, carbon or copper?:

Carbon

The gas in air we use for respiration:

Oxygen

Word used to describe the metals in Group 1:

Non-flammable gas used to fill balloons: Helium

When wet, this element reacts slowly with oxygen to form rust.

Shortages of this element in the diet can cause anaemia: Iron

This gas makes up four fifths of air:

Nitrogen

On which side of the Periodic Table are the metals found?

Left

ASE CDROM Resources - 'Is there life?'

Aluminium	Calcium	Iodine		
Magnesium		Copper		Chlorine
Fluorine	Mercury		Carbon	
Alkali			Nitrogen	Left

Aluminium	Calcium		Hydrogen	
Magnesium			Sulphur	Chlorine
Fluorine	Mercury			Oxygen
	Helium	Iron	Nitrogen	

Aluminium	Calcium			Potassium
	Groups	Copper	Sulphur	
Fluorine		Period	Carbon	
	Helium	Iron		Left

Aluminium		Iodine	Hydrogen	
	Groups	Copper		Chlorine
Fluorine		Period		Oxygen
	Helium		Nitrogen	Left

Aluminium		Iodine		Potassium
	Groups		Sulphur	Chlorine
Fluorine			Carbon	Oxygen
		Iron	Nitrogen	Left

Aluminium			Hydrogen	Potassium
		Copper	Sulphur	Chlorine
	Mercury	Period	Carbon	
Alkali	Helium	Iron		

	Calcium	Iodine	Hydrogen	
Magnesium	Groups	Copper		
	Mercury	Period		Oxygen
Alkali	Helium		Nitrogen	

	Calcium	Iodine		Potassium
Magnesium	Groups		Sulphur	
	Mercury		Carbon	Oxygen
Alkali	Helium			Left

	Calcium		Hydrogen	Potassium
Magnesium	Groups			Chlorine
		Period	Carbon	Oxygen
Alkali		Iron	Nitrogen	

		Iodine	Hydrogen	Potassium
Magnesium		Copper	Sulphur	
Fluorine	Mercury	Period		
Alkali		Iron		Left

Aluminium		Iodine		Potassium
Magnesium	Groups	Copper		
Fluorine	Mercury			Oxygen
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Aluminium			Hydrogen	Potassium
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Fluorine		Period	Carbon	
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Fluorine		Period		Oxygen
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Magnesium		Copper	Sulphur	
Fluorine			Carbon	Oxygen
Alkali	Helium		Nitrogen	

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Magnesium		Copper		Chlorine
	Mercury	Period	Carbon	
Alkali	Helium			Left

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	Mercury		Carbon	Oxygen
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	Groups	Copper		Chlorine
		Period	Carbon	Oxygen
Alkali			Nitrogen	Left

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Fluorine	Mercury	Period		
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	Helium	Iron		Left

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