Fun-Size: Starting Chemistry Topics Bingo Teacher notes

Introduction
This game is a revision activity to the content of primary chemistry and materials 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
Review pupil knowledge of:
- Changes of state
- Dissolving
- Solvents
- Gases
- Irreversible changes

Where the activity fits in
Revising and consolidating.
QCA SoW 5C, 5D, 6C and 6D.

Skills
Vocabulary, recall skills.

Fun-Size: Starting Chemistry Bingo — Teacher notes

✓ Tick these off when used in the session

The solid that dissolves in a liquid:	Solute
The liquid that does the dissolving:	Solvent
The mixture of dissolved solid and liquid:	Solution
A material that has a fixed shape:	Solid
A material that has a fixed volume but not a fixed shape:	Liquid
A material that does not have a fixed volume or shape:	Gas
When a solid disappears into a liquid:	Dissolving
Two or more different materials together:	Mixture
To make jelly dissolve more quickly you make the water..	Hotter
Method used to separate small pieces of solid from a liquid:	Filtration
When a liquid become a gas:	Evaporation
When a gas becomes a liquid:	Condensation
The temperature that a liquid becomes a gas:	Boiling point
When a solid becomes a liquid:	Melting
Freezing point of water:	0^{o}C
Boiling point of water:	100^{o}C
To make jelly dissolve more quickly you make it into ...:	Smaller pieces
When salt water boils away the salt is …:	Left behind
A material that contains only one type of particle:	Pure
When pancake mix is heated it goes solid. This change is …:	Irreversible

Starting Particles Bingo Card

Solute	Solvent	Solution		
Gas		Mixture		Filtration
Evaporation	Condensation		Melting	
100°C			Pure	Irreversible

Starting Particles Bingo Card

Solute	Solvent		Solid	
Gas			Hotter	Filtration
Evaporation	Condensation			0°C
	Smaller pieces	Left behind	Pure	

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Solute	Solvent			Liquid
	Dissolving	Mixture	Hotter	
Evaporation		Boiling point	Melting	
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