

Introduction

This game is a revision activity to a lesson or series of lessons on rocks, weathering and rock cycle 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 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 of rocks, weathering, erosion, and the rock cycle.

Where the activity fits in

Revising and consolidating.
QCA SoW 8G and 8H.

Skills

Vocabulary, recall skills.

✓ Tick these off when used in the session

Rocks formed from molten material:	Igneous
Rocks that get changed by heating and pressure:	Metamorphic
Rocks made by the actions of moving water:	Sedimentary
When the weather breaks up and moves rock particles:	Erosion
Material making up the magnetic core of the Earth:	Iron and Nickel
Where molten rock flows out of the Earth:	Volcano
The molten rock that comes out of volcanoes:	Lava
Molten rock under the surface of the Earth:	Magma
A white hard rock that fizzes with acids:	Marble
These can grow in cracks and split rocks:	Roots
When molten rock cools slowly it forms ... :	Large crystals
When molten rock is cooled very quickly it forms ... :	Small crystals
In wet weather this can help split rocks:	Freeze / Thaw
When water freezes it ... :	Expands
A pile of stones that have been weathered from the side of a mountain:	Scree
The name for the solid surface of the Earth:	Crust
When gas, ash and lava comes out of a volcano:	Eruption
The name for the big sections of the Earth's surface that move past each other:	Tectonic plates
When pollution dissolves in rain clouds this causes :	Acid rain
The name for layers in rock:	Strata

Rocky Bingo Card

Igneous	Metamorphic	Sedimentary		
Volcano		Magma		Roots
Large crystals	Small crystals		Expands	
Crust			Acid rain	Strata

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