

LESSON plan

Year Group: 3

Date:

Subject: Science

Lesson Topic: Rocks

National Curriculum Links:

- Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties
- Helps develop their skills of working scientifically

Learning Objective/s:

- To be able to recognise differences in the appearance and physical properties of rocks
- To be able to categorise rocks into sedimentary, igneous, and metamorphic

Materials Needed:

- Activity Sheets
- Rock Samples
- Metal tool (eg, screwdriver) for testing hardness

Prior Knowledge:

This activity expects some understanding of the different types of rock so would work best after an introduction to the rock cycle.

Activity Structure:

Students pick a rock sample to look at and work through a range of guided questions to pick out the key features of the rocks.

They also do a sketch of the rock because this requires them to look properly at the features in order to draw them.

The any other observations section allows them to think of their own questions and observations and start to move away from the scaffolding sheet towards independent work.

They should then practice this with other rock samples and gain confidence in their ability to identify key features.

Closure:

Students should come together to discuss their findings.

Teachers could facilitate a discussion about what they found easiest and hardest, or what information was most helpful to them when grouping rocks into different rock types.