

Sticky Learning for Science (Chemistry)

Class 3

Radical Rocks

Rocks (Year 3)

I can name the three different types of rocks: Sedimentary; Metamorphic; and Igneous.

I can identify the properties of different kinds of rocks.

I can compare and group rocks on the basis of their appearance and simple physical properties.

I can recognise that soils are made from rocks and organic matter.

I can describe how fossils are formed when things that have lived are trapped within rock.

I can explain the differences between bone and fossils.

I can set up a simple enquiry to test and classify rocks. **PE**

I can make systematic and careful observations of rocks. **MO EM**

I can gather, record and present my data and report on my findings. **RR DC IC**

Key Vocabulary to learn:

- **sedimentary/metamorphic/igneous**
- **physical properties**
- **crystals**
- **grains**
- **hard/soft**
- **shiny/dull**
- **rough/smooth**
- **absorbent/not absorbent**
- **fossils**
- **soils**
- **organic matter**

Working Scientifically:

AQ Asking and answering questions

MP Making predictions

MO Making observations

EM Equipment and measurements

IC Identifying and classifying

PE Engaging in practical enquiry (investigations)

RR Recording and reporting findings

DC Drawing conclusions

AE Analysing data, evaluating and raising further questions and predictions