

Garden Geologist Challenge!

What are the three types of rock?

S _____, M _____, I _____

Challenge!

Find a rock in your garden, on a wall or out on a walk. Draw a picture of the rock you find on this page and use our GeoGuide to help you identify it!

Where did you find the rock?

Describe the rock, is it?

- Shiny Smooth Dull
- Heavy Light Colourful
- Flat contains large grains
- contains crystals

What colour is the rock?: _____

I think this rock is:

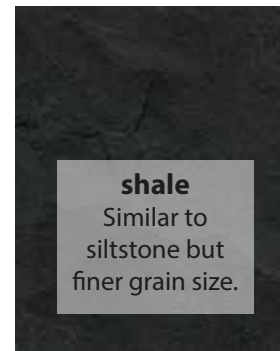
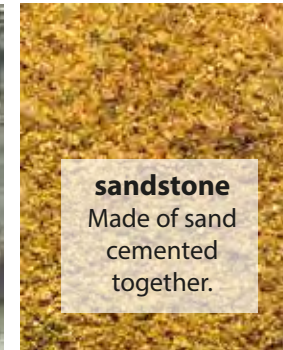
- Igneous Metamorphic
- Sedimentary

I think this because:

I think this rock is called:

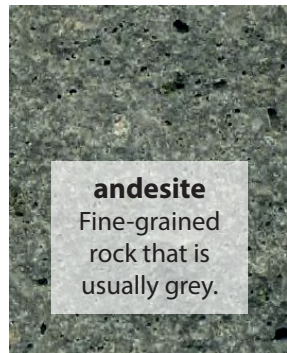


Have you found a sedimentary rock?





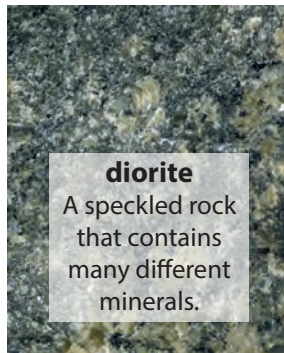
Have you found a igneous rock?



andesite
Fine-grained rock that is usually grey.



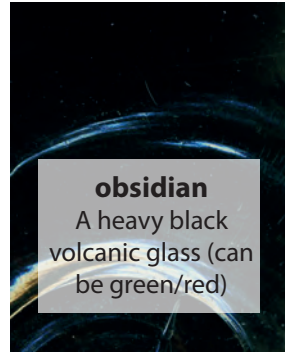
basalt
Very hard, dark-coloured volcanic rock.



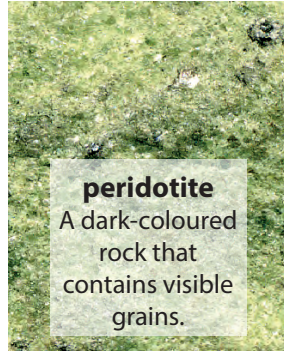
diorite
A speckled rock that contains many different minerals.



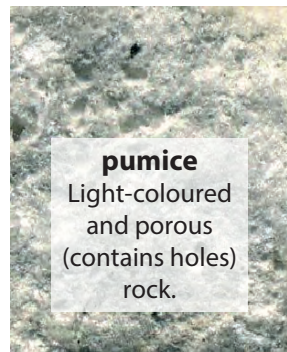
granite
Light-coloured rock that contains visible grains.



obsidian
A heavy black volcanic glass (can be green/red)



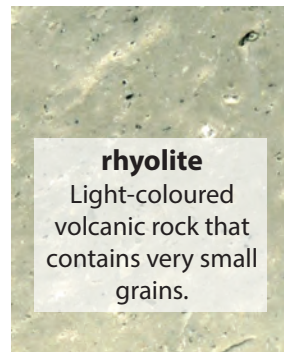
peridotite
A dark-coloured rock that contains visible grains.



pumice
Light-coloured and porous (contains holes) rock.



scoria
Dark-coloured rock with bubble-like holes.



rhyolite
Light-coloured volcanic rock that contains very small grains.



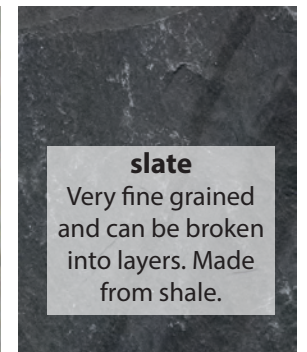
Have you found a metamorphic rock?



quartzite
Made from sandstone that has been exposed to heat and pressure.



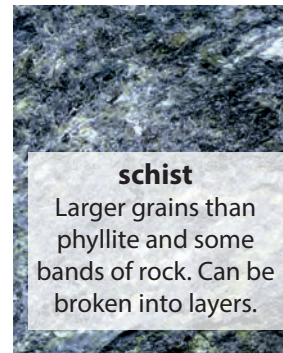
marble
Made from limestone that has been exposed to heat and pressure.



slate
Very fine grained and can be broken into layers. Made from shale.



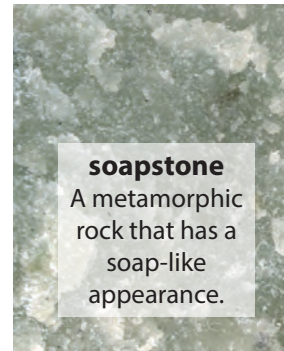
phyllite
Similar to slate but with a more wrinkled appearance.



schist
Larger grains than phyllite and some bands of rock. Can be broken into layers.



gneiss
Granular and contains clear bands of rock.



soapstone
A metamorphic rock that has a soap-like appearance.



coal
A dark-coloured, but bright and sometimes shiny rock.



amphibolite
A metamorphic rock that looks like salt and pepper.