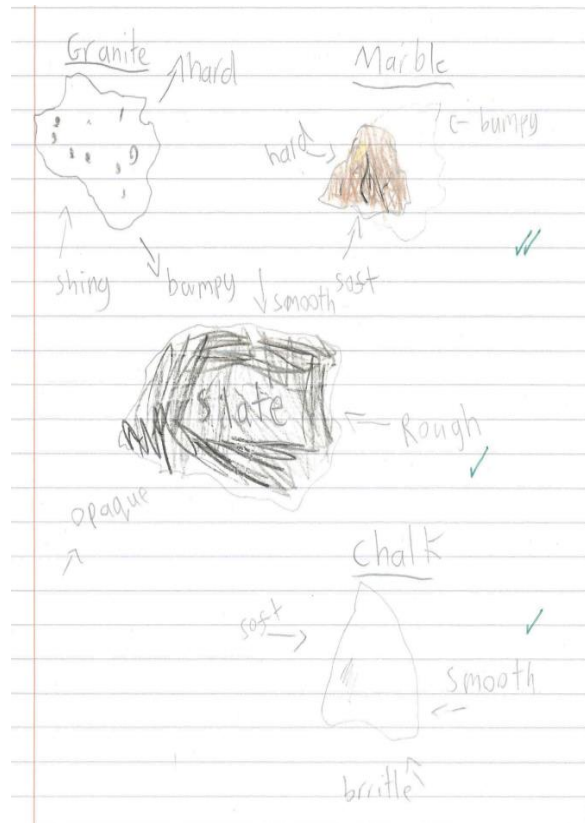


## Rocks and Soils - Year 3, Autumn 1

The children in Year 3 have enjoyed exploring our science unit of rocks and soils. The children began by examining different rocks, describing the properties that they noticed. The children observed a variety of rocks including slate, marble and sandstone.



In the next lesson, the children explored which of these rocks were permeable and which were impermeable. The learnt what the word impermeable means and made predictions about what they thought might happen when water was dropped onto each rock.

Sci 20.9.23

LO: To find out which rocks are impermeable and which are not.

Granite	Yes	No ✓
Marble	Yes	No ✓
Sand stone	Yes ✓	No
Chalk	Yes ✓	No
Clay	Yes ✓	No

slate ✓✓

Different uses key: Write different uses for rocks

clay to build

Sci 20.9.23

LO: To find out which rocks are impermeable and which are not.

Observe carefully the water drops you place on each rock.  
Is the water absorbed? Record your results in this table.

Name of rock	Does it absorb water?	
	YES	NO
Granite	✓	✓✓
Marble	✓	✓✓
Sandstone	✓✓	
Chalk	✓✓	✓
Clay	✓✓	
slate	✓	✗

It would absorb it and soot the milk. ✓

After this, the children explored different types of soil and made observations. The children looked at sand soil chalk soil and clay soil.

