

Developing Experts S03 songs – Rocks

S03.04.01

Mountains rise up high above the sea
Towards the sky.
They are made of rocks, they're ever so tall.
Hills slope up also
Less than 600 metres though.
Compared with mountains, they're only small.
The Alps is a mountain range
In the south of Europe
Quite a small continent.
Earth's biggest mountains are the Himalayas
In between Tibet and India
As far as the eye can see.
Mountains made of rock
Now, that's geology.

S03.04.02

Different rock types
Are made in different ways.
Some have stripes
Sedimentary rock has layers
Made from mud and sand
And pebbles all squashed
Beneath the land
Forming stripey rocks
After many years.
Then there's igneous
Made of cooled down magma
Under volcanoes.
Metamorphic rock have been transformed
From other types of rocks
By pressure and by heat.
Different types of rock
That's geology.

S03.04.03

Rocks can be explored
To help us find out something more
About creatures now extinct
There's none left alive
Fossils are remains of animals and bones
Which are ingrained
Into rocks so part of them survive.
Fossils can be made
From seashells or amber
From the resin of trees.
The Jurassic Coast
In the south of England
Has a lot of rocks and fossils
Fascinating things to see
Now you know about rocks and geology.
I said now you know about rocks
And geology.

S03.03.04

Soil is on the ground
With different types that can be found.
Soil texture describes the way that it feels.
Peat is crumbly
It's dark and it holds water easily.
It might feel quite squishy under your heels.
Clay soil holds its shape
It's slightly orange and when you pour
Water it doesn't drain.
That leaves chalky soil and sandy soil.
Both of them are very dry
And water goes right through.
Studying soil is geology too.

S03.03.05

Let's learn about rocks
'Cos that's geology.
First I'm gonna sing
About a process called weathering.
Three different things
That wear away rocks.
Chemical weathering
Involves rainwater reacting
Especially acid rain
Which contains oxides.
Physical weathering
Is when rocks change temperature
Then what occurs? They break apart.
Biological is the third type
From living things
Such as lichen, fungus and algae.
Let's learn about rocks
'Cos that's geology.

S03.04.06

Now let's sing about
Some different rocks, I'll shout them out.
Marble, granite, limestone, and sandstone.
Limestone is a rock
That often gets used in building blocks.
Marble makes good statues
If you polish it smooth.
Sandstone is a rock made up of tiny grains
That means its sedimentary.
Granite has grains too
It's very very hard.
When some rocks break
They can flake
Which makes a small, loose piece.
Let's learn about rocks
'Cos that's geology.