

## Year 3 – Rocks and Soils



### **Scientific Knowledge and Conceptual Understanding:**

1. LO: I can compare and group together different kinds of rocks on the basis of their appearance.  
*What are rocks?*
2. LO: I can compare and group together different kinds of rocks on the basis of their physical properties.  
*Are all rocks the same?*
3. LO: I can explain how some rocks are formed.  
*How are rocks formed?*
4. LO: I can explain how the Earth is made up of different layers of rocks and soils.  
*Which rocks make up the Earth?*
5. LO: I can investigate different soils.  
*What are soils?*
6. LO: I can describe how fossils are formed when things that have lived are trapped within rock.  
*How are fossils formed?*

### **Previous and Future Learning:**

KS1	Rocks and soils are only covered briefly in other topics in KS1. Children will have learnt about soil during plant topics. Children will have also learnt some of the properties of rocks during topics about materials.
UKS2	Rocks and soils are not studied again in KS2.
KS3	Children will study rocks in more detail. They will look at the rock cycle and how the different rocks are formed.

### **Key Vocabulary:**

rock  
appearance

soil  
physical properties

fossil