

TREASURES OF THE EARTH - 1ST

Please adapt instructions to suit your setting, here is a suggestion: Complete **five** activities by Friday **XXXX**. The sensible thing would be to do one activity a day. You do not need to do all eight on the grid. Choose the ones that interest you the most. You can do the activities either in google docs, google slides or on paper.

Start a Rock Collection



Keep an eye out for interesting rocks in your garden or on a walk. Give each rock a number and record where and when you found it. Look closely, can you see any crystals? Give each a rock a name based on how it looks.

Share with your teacher.

Rock Hunt

Listen to Fun Kids Podcast, [Geology Rock: Rock Hunt](#)

Hunt around your own house for items made from rock and minerals around your home.

You can listen to more episodes [here](#).

Make a list of all of the things you can find and ...

Share with your teacher.

Sensational Scientist

James Hutton was the first person to realise how the rock cycle works!

Learn about this famous Scottish Scientist James Hutton in this [video](#).

Write 5 facts about him and

Share with your teacher.

Fossils



Ammonites are familiar looking fossils, but what did they look like when they were alive?

Watch this clip from [Andy's Secret Hideout](#) to find out.

Draw a picture of a living ammonite.

Share with your teacher.

Rock Types

There are thousands of different rocks, they can be divided into 3 groups: Igneous, Sedimentary, and Metamorphic.

Have a look at rocks in your collection, garden, or on a walk. Do you see any rocks with layers or crystals? What does this tell you?

Share with your teacher.

Art

If you Google [Rock Balancing Art](#) you will find an amazing range of images using rock for art.

Can you create your own piece of rock balancing art? Take a photo to share with your class.

Share with your teacher.

Sediment Jar

Make a sediment jar to investigate how sediment settles on the seabed.

1. Scoop up some rocky earth (dig deep to get lots of different bits).
2. Collect enough to half fill a jar.
3. Top up the jar with water, then put the lid on and shake.
4. Leave the jar for a few hours, and watch the sediments settle out into layers.

How can you describe the different layers? Write or draw about it, then...

Share with your teacher.

Make a Fossil

Watch this video from Cbeebies and learn how to make your own fossil.

Ask an adult to help you make your own fossil.

You will need:

- Flour
- Salt
- Coffee grounds and coffee

Take a picture and ...

Share with your teacher.