

# TREASURES OF THE EARTH - 2nd

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? Use a rock key to help identify your rocks, you'll find a great one here: [rock key](#).

**Share with your teacher.**

## Make a fossil

Watch this video about [fossils](#).

You will need:

- Two slices of bread
- Gummy sweet
- Kitchen Roll

What to do:

1. Put a piece of bread on a piece of kitchen roll
2. Put a gummy sweet on the bread
3. Put a second slice of bread on top
4. Add another piece of kitchen roll on top
5. Place a few heavy books on top
6. Leave the sandwich for two days
7. Then look at the fossil.

**Share with your teacher.**

## 3 Types of Rocks

Watch this video about how rocks are formed, [Our Word: The Rock Cycle](#).

Create a fact card for type of rock and how they are formed using Google Slides.

**Share with your teacher.**

## Rock Cycle

Learn about the rock cycle with Rocky on [Oxford Natural History Museum Website](#) and [DK Findout](#)

Once you have mastered the rock cycle, test your knowledge [here](#)

Take a screenshot of your result and:.

**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.**

### 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.**

### History - Sensational Scientist

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

Read about this famous Scottish Scientist [James Hutton](#).

Why do you think his ideas were so controversial at the time?

**Share with your teacher.**

### Materials in Technology

If it can't be grown it must be ... Mined! Materials used in electrical devices have to be mined from under the ground.

Learn about **Copper**, how it is important in our everyday lives, where it comes from, and how it is used.

Make a list of coppers uses and,

**Share with your teacher.**