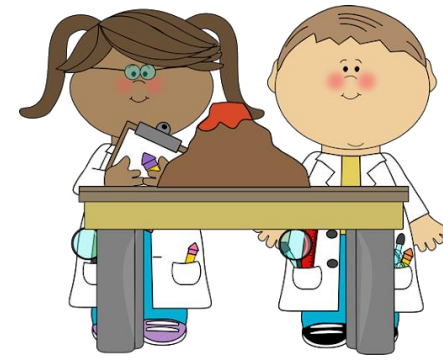


Parent/carer Here is our **Science** lesson!



We have found recently that this Rocks topic has lots of links with the game, Minecraft.

If your child has chance to play on that game, you could talk to them about the different building materials they have, where they are found and how different things can be combined to make other things. When we have taught it in school in recent years, they have enjoyed making the links and telling us what they know.

Plus, you can grab a well earned cuppa whilst they do that research! 😊

Note: Minecraft are also opening up their educational content to people during lockdown - might be worth having a look.

If you don't have Minecraft - don't worry! Here's a whole lesson to do without it...😊



Wednesday 1st April

Year 3 Science

Note: You don't need to print these pages to complete the work.
Save your ink!

Our topic is...





What is a rock?

A solid, naturally occurring material which has formed part of the surface of the earth.

Rocks can be found on top of the soil or below.



What does appearance mean?

- Appearance is the way someone or something looks.
- In Science, it is be important to look carefully at the appearance of objects and liquids.



Your turn...

Have a look around you.

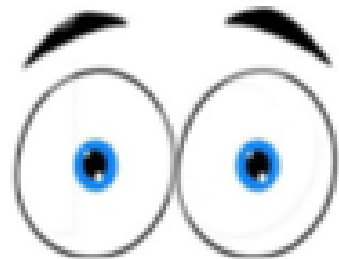
Can you describe the appearance of something that you can see?

How would you describe the object?

Size? Shape? Colour? Texture? Pattern? Hard? Soft?

You have been observing your object!

- Observation is a scientific skill and it is essential in science.
- Scientists use observation to collect and record data, which enables them to make and then test predictions (hypotheses) and theories.
- Scientists observe in many ways - with their own senses or with equipment such as a hand lens (magnifying glass), microscope, scanner or transmitter to extend their vision or hearing.



Over to you! Next time you are outside, collect as many different types of rocks as you can.



★ Your task is to sort/group the rocks. ★

What criteria could you use to group them?

★ colour, size, texture, pattern ★

★ Before you sort your rocks, remember to observe them carefully. **What can you see?** ★

If you have a hand lense, have a go at using it!

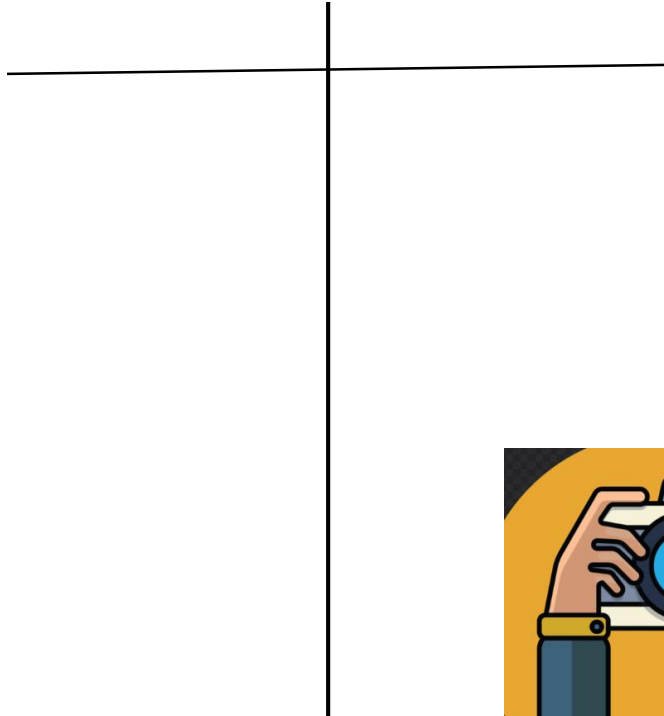


How are you recording your groups?

G/Y

Have a go at drawing your own table like the one below!

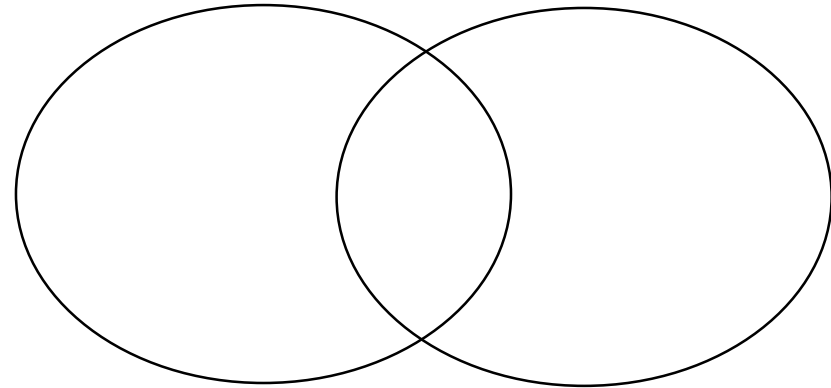
Remember to use the criteria you have chosen to investigate as the headings!



B/R/O

Could you use a table with more than 2 headings?
What about diagrams and labels, labelling the properties of your rocks?

Could you try a venn diagram like the one below to sort your rocks using your sorting criteria as headings?



Take a picture of your learning if you can and stick it into your homework books.

If not, you could draw the tables/diagrams into your books so we can see your learning when we're all back.

 Challenge

 Is a concrete block a  rock? Discuss.

Using the definition of a rock:



A solid, naturally occurring material which has formed part of the surface of the earth.

Rocks can be found on top of the soil or below.

Do you think a concrete block is a rock?

Why?

Why not?



Well done!

You're doing great
and your teachers
are very proud of
you!