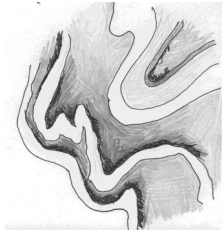


Name:

1 Nice Gneiss

Look at the large piece of **Gneiss** (pronounced nice) from Greenland.



Feel it and ring the words that describe it:

- | | |
|-----------|---------|
| colourful | stripy |
| rough | smooth |
| brittle | hard |
| rigid | green |
| soft | new |
| grey | ancient |

Gneiss is a **metamorphic** rock. Follow the lines with your finger to see how it's been squashed and squeezed deep within the Earth.

2 Rocks from Space

What do we call rocks that come from space?

Many of these contain a metal called: **NOIR**

Rearrange the letters:

Feel the large rock from space. What does it feel like?

Flick the edge of it with your finger! What **sound** does it make?

Keep looking!

As you **look** around the touchable displays, can you spot a rock that used to be a plant and is now a fossil?

3 What am I?

Look at the **Industrial Minerals** display with a green background.



Solve these riddles.

I am used to **draw** with.

I am a -----

The mineral I am **made from** is

I am used to **clean** clothes.

I am -----

I am **made from**

I am used to **mend** broken bones.

I am a -----

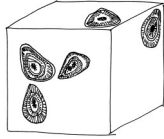
I am **made from**

I am used to **clean** your teeth.

I am -----

I am **made from**

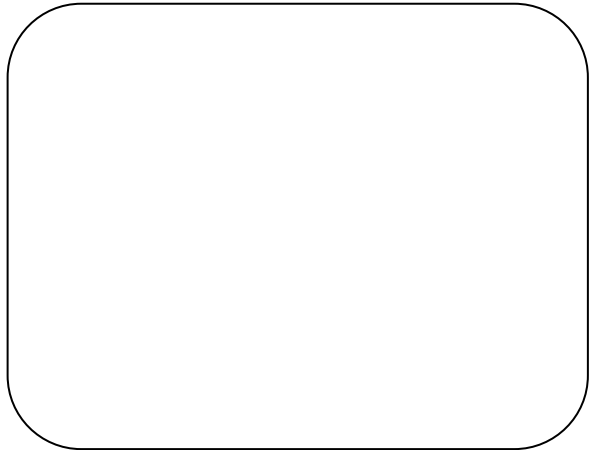
4 Hot rocks!



Granite is an igneous rock, made by volcanic lava.

Look at the incredible pattern on the Orbicular Granite.

Draw a section of it here.



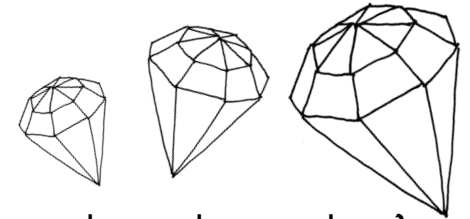
6 Glamorous Gemstones

Go upstairs to the **Gemstones Display**

Could you **sort** these beautiful stones into groups?

How would you **order** them?

Discuss it with a friend.



Diamonds are the hardest mineral in the world so what can be used to cut them?

How many different diamond cuts are there?



Keep touching!

Touch the piece of **pyrite**.
It is often called **Fool's Gold**.
Why do you think this is?

5 Radical rocks



Look in the pink display **The Moving Earth**.
Can you complete these sentences?

----- is a sedimentary rock

----- is an igneous rock

----- is a metamorphic rock

Museum Map

