



## Geological Map of your Garden

### What is a Geological Map?

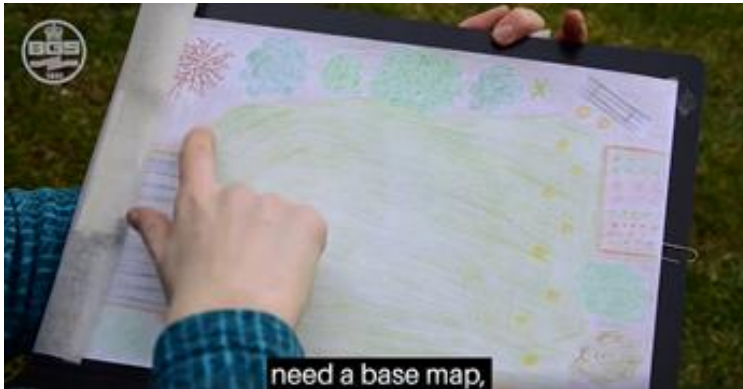
A Geological Map is a map with a special purpose; to show various geological features. These features can then be coloured in to show similar types of geology in that area.

Why not give it a go with the kids to create your very own Geological Map of your garden as carried out by the British Geological Society.

### You will need:

- Normal paper
- Grease proof paper
- Colouring pencils
- A spoon
- A jar

### Method:



#### Step 1

You will need a base map of your garden. This can be a drawing or plan of your garden.



#### Step 2

Place a piece of grease proof paper over your base map and draw a grid about one pace apart on it.



### Step 3

Dig up some soil from different locations in your garden using your grid layered over your base map, to identify the different areas.



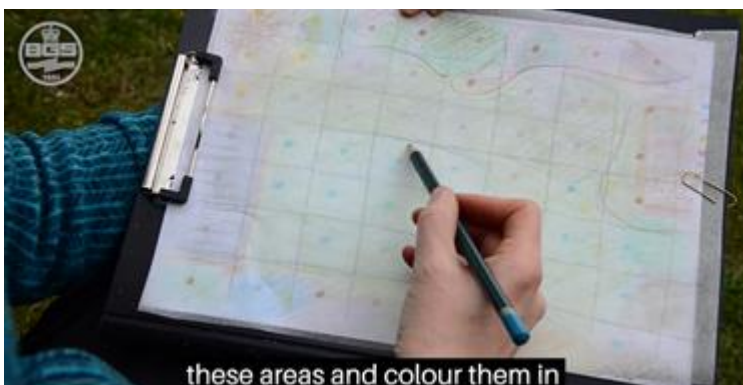
### Step 4

You may find that some locations in your garden has clay soil, that can be rolled up into a ball, other areas might have quite sandy soil or soil that is rich in organic matter with bits of tree in it.



### Step 5

Once you have measured the different types of soil in your garden, use a different colour of pencil to mark on your grease proof paper what you have found, i.e. blue dot for clay soil.



### Step 6

Draw a line around each different area and colour them in and now you have a Geological Map of your garden!