

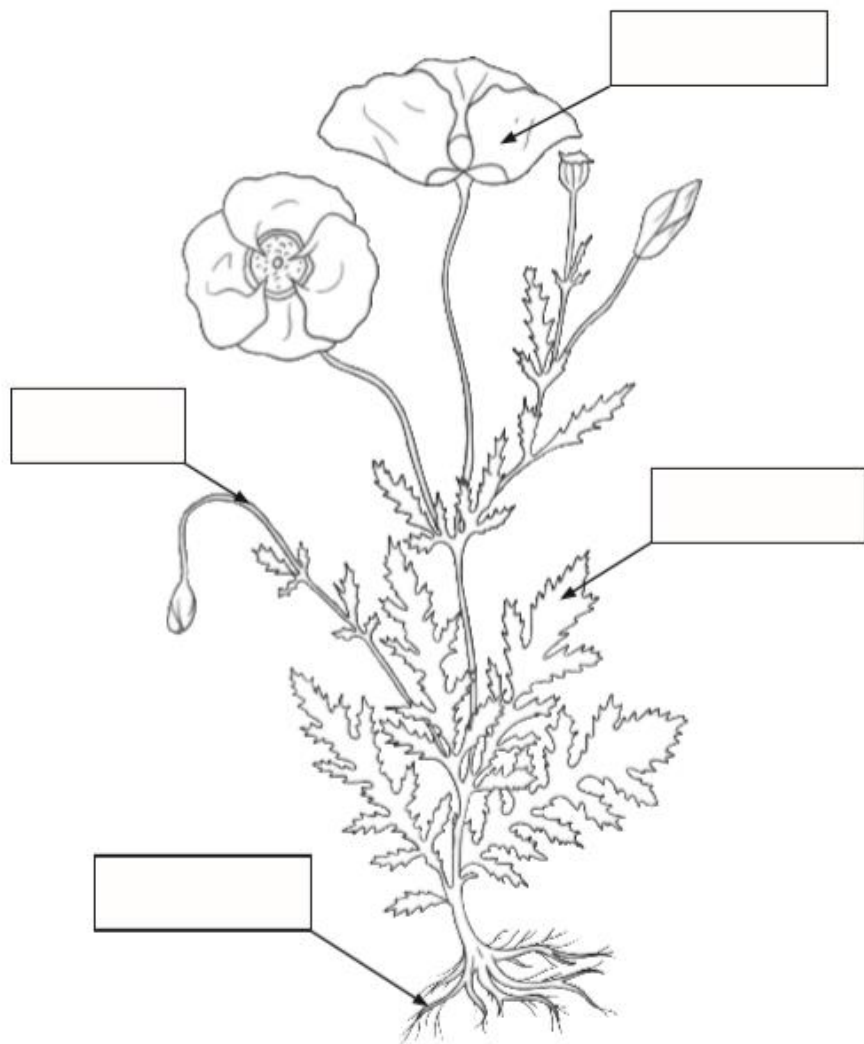
You have learned so much in science this year.

Let's see what you can remember about your topics on plants and rocks!



Plants

1. Label the parts of the plant.



2. Match up the key scientific word with the description of their function:

stern	absorb water from the soil
leaves	makes seeds to grow into new plants
roots	holds the plant up and carries water and nutrients from the soil to the leaves
flowers	make food for the plant using sunlight and carbon dioxide

3. Complete the sentence:

The main function of petals is to _____
_____.

4. Plants need 4 things in order to grow. List them below:

L _____

W _____

A _____

N _____

5. Give an example of a plant that needs less of one of these things and explain why.

6. Fill in the gaps to explain how water moves through a plant:

The _____ absorb water through the soil. The _____ transports water to the _____. Water _____ from the leaves. The stem _____ up more water from the soil.

leaves stem sucks evaporates roots

7. Write these 5 different stages of the life cycle of a plant in the correct order in the diagram below:

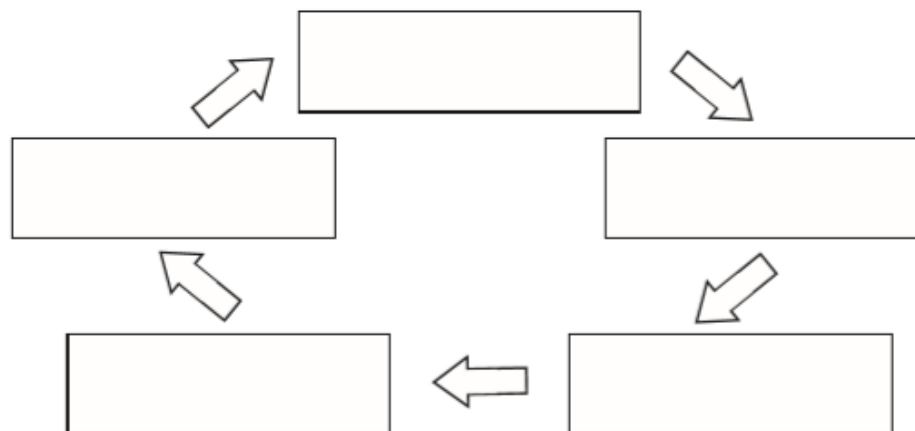
Pollination

Germination

Fertilisation

Flowering

Seed Dispersal



8. Match up the key scientific word with the description of their function:

fertilisation

a seed starts to grow

flowering

the plant grows bigger and forms a flower

pollination

the male and female parts of a flower mix in order to make seeds

seed dispersal

pollen from the male anther lands on the female stigma and travels down the style

germination

seeds are moved away from the parent plant

9. Describe two ways in which seeds can be dispersed.

1. _____

2. _____



Rocks

1) Fill in the missing words.

Rock that has been formed from magma or lava is called _____.

Rock that has been formed by layers of sediment being pressed down hard and sticking together is called _____.

Rock that has changed over time due to extreme heat or pressure is called _____.

sedimentary rock

igneous rock

sedimentary rock

2) Match up the property with its description:

permeable

able to last for a long time

impermeable

does not allow liquids to pass through it.

durable

allows liquids to pass through it

high density

heavy and compact

3) Write the different rocks from the word bank into the table below.

Igneous	Sedimentary	Metamorphic

sandstone

concrete

chalk

basalt

limestone

obsidian

brick

granite

coade stone

4) Explain in your own words what a fossil is.

- 5) Number the sentences from 1-5 to show the order of the process of fossilisation.

	Over the thousands of years, sediments enters the mould to make a cast fossil.
	An animal dies. It gets covered with sediments which eventually become rock.
	An erosion and weathering take place, eventually the fossil becomes exposed.
	More layers of rock cover it. Only hard parts of the creature remain such as the bones and teeth.
	Changes in sea level take place over a long period.

- 6) True or false?

An archaeologist studies fossils.	
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- 7) Soil is made up of a mixture of things. Name two of them.

_____ and _____