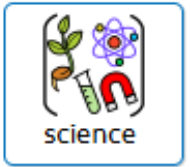
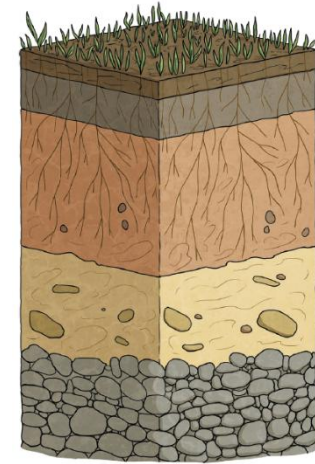















# Science – Year 3 – Soil



1. To explore and observe different types of soil	2. To understand the importance of soil.	3. To plan a soil experiment.	4. To carry out a fair test to observe and record which soil absorbs the most water.	5. To write a conclusion.
---	--	-------------------------------	--	---------------------------



soil	a mixture of small rocks, organic matter and water	 soil
sandy soil	A soil made up of lots of sand and some clay	 sandy
clay soil	A soil containing lots of clay which becomes sticky when wet	 clay
peat soil	A soil that contains lots of water and organic matter	 peat
chalky soil	A soil that contains lots of chalk or limestone	 chalky
organic matter	The remains of dead animals and plants	
nutrients	Substances found in soil which help plants grow	 nutrients
habitat loss	The decrease in resources as space, for a living things to survive	 habitat
deforestation	The removal of large areas of trees or plants by humans	 deforestation
filter paper	A piece of equipment that is used to separate materials	 filter paper
filter funnel	A piece of equipment that allows liquids such as water to enter the measuring cylinder	 funnel
measuring cylinder	A piece of equipment that allows for measurements of liquid	 measuring cylinder
absorb	To take in water	 absorb
conclusion	What has been found out during an investigation based on measurement and observation	
evaluation	To consider the quality of the results and suggest improvements to the investigation	
data	Information collected, such as facts, observations or numbers	 data

## Importance of Soil

**Soil** can help:

- clean water by filtering it;
- prevent flooding and drought by **absorbing** water;
- control how much carbon dioxide gas is in Earth's atmosphere by storing carbon.

## Human Impact



deforestation



construction

## Testing Soil Absorbency

Pour water over different types of **soil** and measure how much water passes through after a set amount of time.

