

Exploring Africa Year 5

The focus of this topic is
Science, Art & Geography

Words I need to know and use:

3 states of matter: solid, liquid, gas
Sanitation
Hygiene
Communities
Ethiopia
Madagascar
Accessible toilet
United Nations
Sustainability Development Goals
Johannesburg
Apartheid
Nelson Mandela

Water Aid	Charity https://www.wateraid.org/
Gravity Flow System	A system where water simply runs through a pipeline down a hill to be stored near the village. Gravity is the force that keeps us all stuck to the ground, not floating off into space, and so also causes water run downhill.
Rainwater Harvester	This is a large tank which is designed to collect and store rain water for future use.
Composting latrine	these are toilets which store human waste until it decomposes into a safe compost which can be used to grow vegetables.

The 'Big Ideas' in Science are: Investigation, explanation & observation

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Key knowledge:

To understand that water evaporates into the air: the sun heats up water on land, and in rivers, lakes and seas and turns it into water vapour. The water vapour rises into the air.

To understand that water vapour condenses into clouds: water vapour in the air cools down and changes back into tiny drops of liquid water, forming clouds.

To recognise that water falls as precipitation: the clouds get heavy and water falls back to the earth in the form of rain or snow.

To understand that water returns to the sea: rainwater runs over the land and collects in lakes or rivers, which take it back to the sea.

To revise what is meant by the term materials

To know that materials can be grouped according to their properties

To understand the difference between reversible and irreversible change using filtering, sieving and evaporation (observation/explanation)

To understand the difference between soluble and insoluble substances

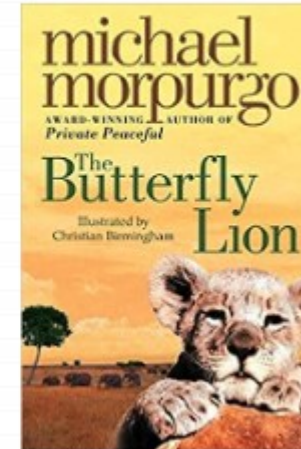
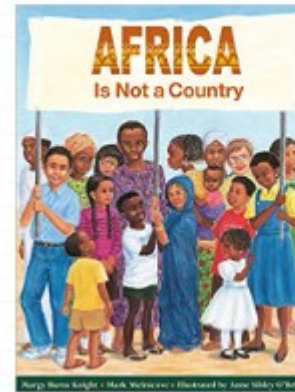
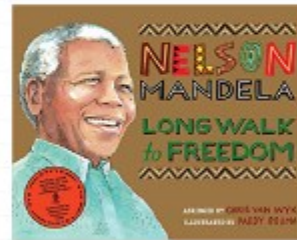
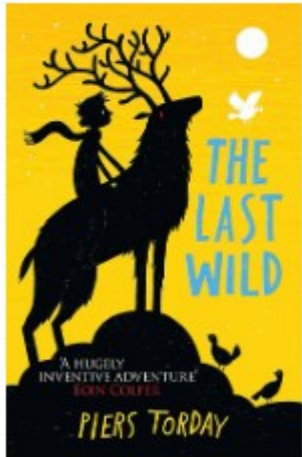
To understand the difference between filtration, evaporation and sieving to separate substances



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Read...



Africa is the second largest continent after **Asia**. It lies between the Atlantic and Indian Oceans. To the north is the Mediterranean Sea and to the south is the Southern Ocean. The northern part is covered by Earth's largest desert, the Sahara. To the east is the world's longest river, the Nile. Africa has 54 countries, more than any of the other continents. These countries are home to some of the most ancient cultures in the world. Most people still work in farming, producing their own food. Africa has large animal reserves (parks) like the Serengeti, Masai Mara, and Kruger. The reserves are home to wildlife, such as lions, rhinos, zebra, and elephants.

Fascinating facts...

The longest river in the world is the River Nile which is 6,695 km (4,160 miles) long.

The highest mountain in the world is Mount Everest which is 8,850 meters (29,035 feet) high.

Mount Kilimanjaro is the highest mountain in Africa and the highest free standing mountain in the world at 5,895 m (19,341 ft).

<https://www.dkfindout.com/uk/search/africa/>