

Dear Parent/Carer,

Below is a summary of what your child will be learning in English and Maths this half-term as well as some knowledge organisers in other subjects. Please can you support your child discussing the vocabulary as well as definitions.

Thank you for your ongoing support.

English

Books – Skellig, Pig Heart Boy

Explanation of the circulatory system

Focus on Grammar, Punctuation & Spelling in preparation for SATs

Maths

Measurement: Perimeter, Area & Volume

Geometry: Shape

Statistics

Focus on SATs style reasoning questions



Africa



Mansa Musa

Ruler of the Ancient Kingdom of Mali, thought to be the richest man the world has ever known.



KEY VOCABULARY

Homo Sapiens

Our **species of modern human**. From the Latin meaning, wise man. The term was introduced by the scientist Carl Linnaeus.

Commodity

A **raw material** or product of farming that **can be bought and sold**, e.g. salt or gold. Commodities are traded around the world.

Agriculture

The **practice of farming**, both crops and animals.

Desert

From the Latin word meaning, 'an abandoned place', deserts are regions of **land that receive very little precipitation** (e.g. rain). It is hard for plants, animals and people to live in desert areas.

Desertification

A process where **fertile land becomes desert**. This can be as a result of drought, deforestation or over farming. Farmers cannot grow crops or graze animals on desert land.

Biodiversity

The **variety of plants and animals** within a habitat.

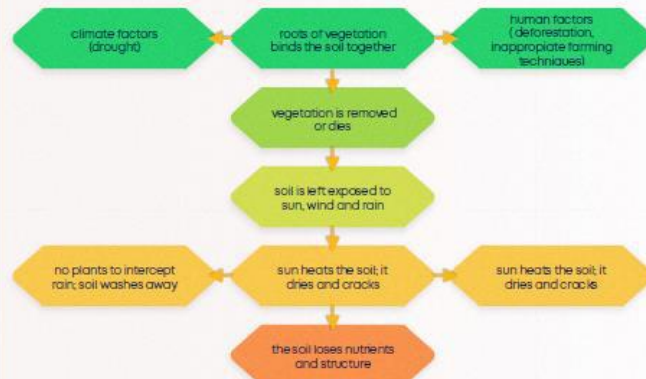
Food Insecurity

A situation where people within a country, or region, are **unable to access, or afford, enough nutritious food**.

Colonialism

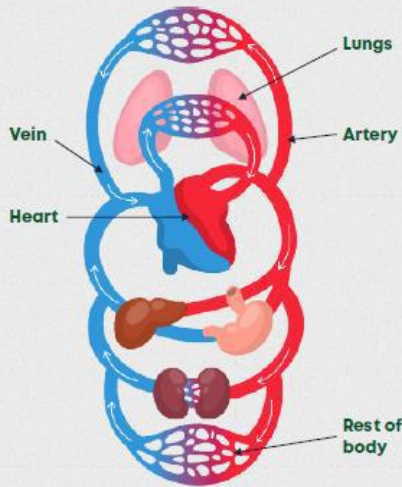
The practice of **taking control of another country**, then holding political and economic power over that country.

DESERTIFICATION:





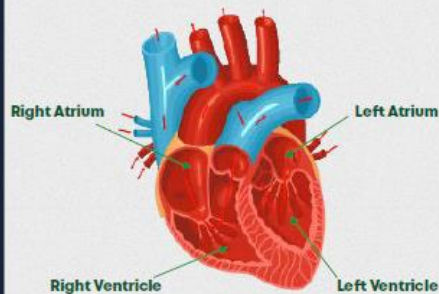
Circulatory System



Circulatory system

Transport	Bodily system made up of the heart, blood vessels and blood that delivers essential materials to cells whilst removing waste products
Atria	The plural of 'atrium'. The upper chambers of the heart
Ventricles	The lower chambers of the heart
Valves	Found between the atria and ventricles they open and close to allow the blood to flow through the heart
Aorta	The largest artery supplying oxygenated blood to the rest of the body
Arteries	Carry blood with oxygen from heart
Veins	Carry blood depleted of oxygen back to heart
Capillaries	Tiny vessels where oxygen gets transferred to cells
Pulse rate	The number of heart beats per minute

The Heart



Arteries



Carry blood away from the heart
Oxygenated blood

Veins



Carry blood back to the heart
Deoxygenated blood

Capillaries



Transfers oxygen from the blood stream to other tissues in the body

Blood pressure

The force with which our blood is pushed around our bodies. If our blood pressure is too high or low it can be dangerous for us

Heart Rate

The number of squeezes or beats of the heart per minute. When the heart beats it pumps blood around the body

Drugs

Human heart rate and blood pressure can be altered by taking drugs. Sometimes this is needed, and doctors administer drugs to help patients. Illegal drugs can damage human hearts and change blood pressure which can be very dangerous.