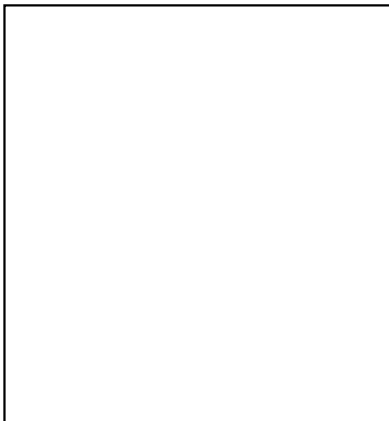
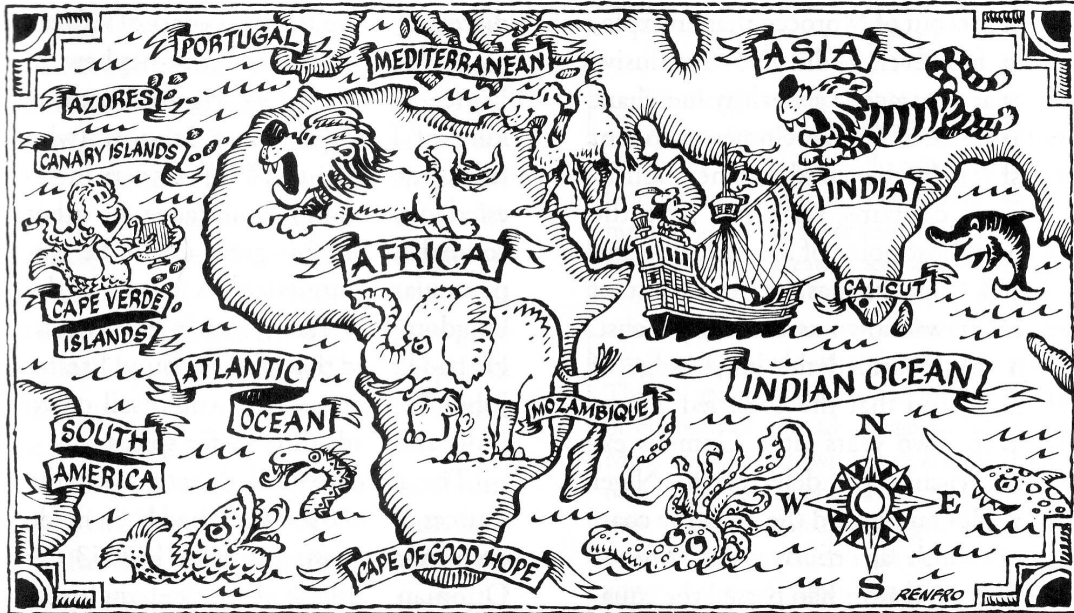


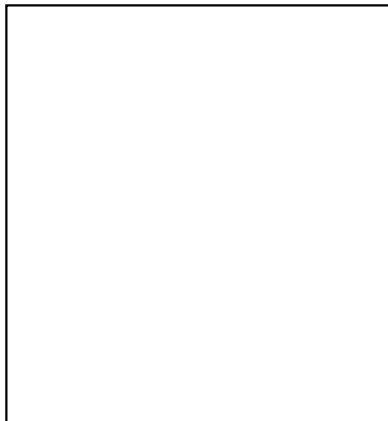
# THE FIRST SAILING SHIPS

# DIFFERENT TYPES OF MAPS OF AFRICA



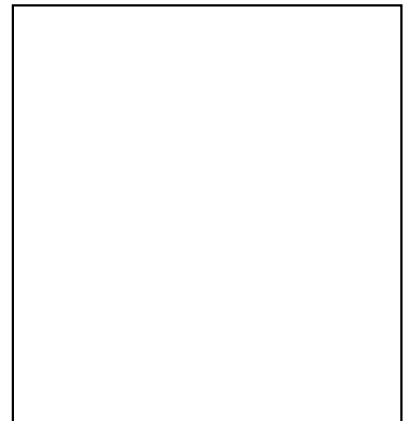
## PHYSICAL MAP

The Earth's natural features are shown – landforms, water bodies, and vegetation.



## POLITICAL MAP

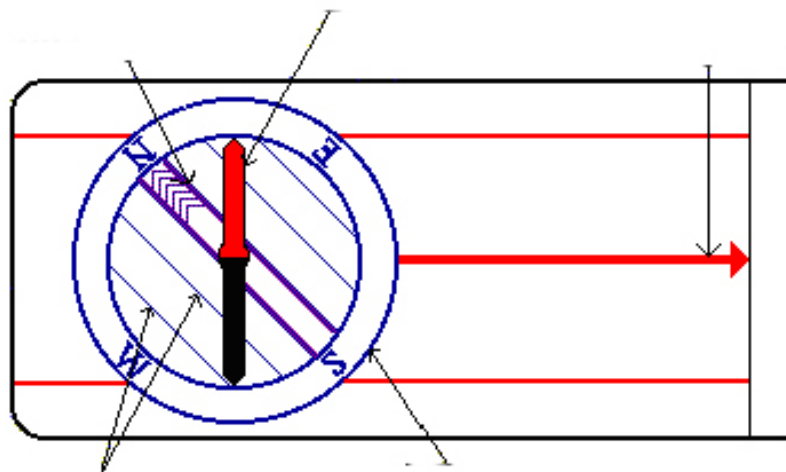
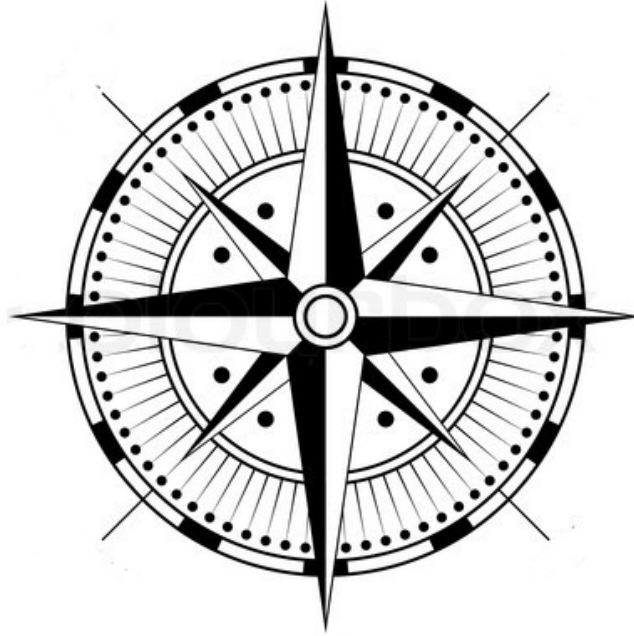
These maps represent human characteristics of the landscape, such as boundaries, cities, and place-names.



## TOPOGRAPHIC MAP

Patterns related to a particular topic, or theme, such as population distribution, appear on these maps.

# Compass Direction



# AFRICA'S NATURAL FEATURES



The Sahara Desert is the largest hot, sandy desert in the world.

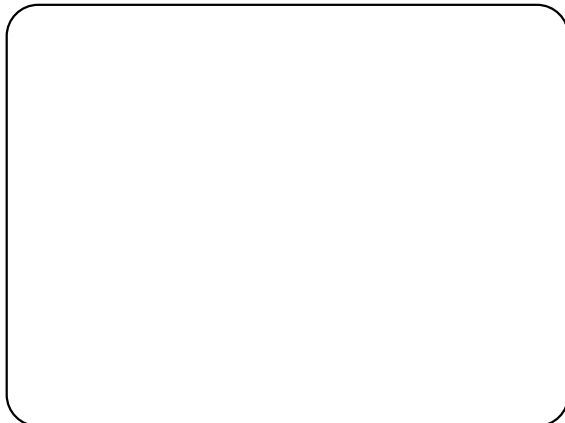
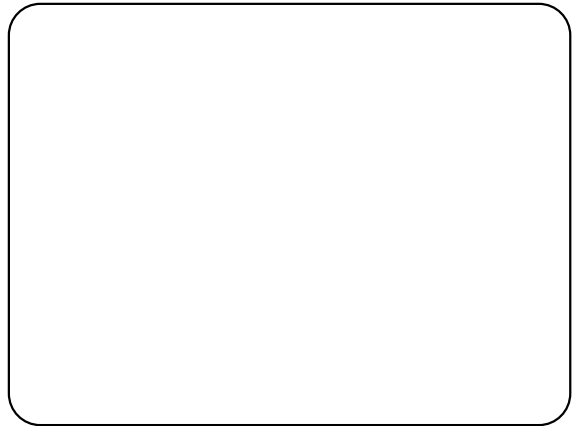
## Fast Facts

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

The Namib Desert is on the coastline of Namibia. Because so many ships have been wrecked here, this coastline is also called the Skeleton Coast.

## Fast Facts

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_



The Nile River brings water to some parts of the Sahara Desert. People live and farm along this river.

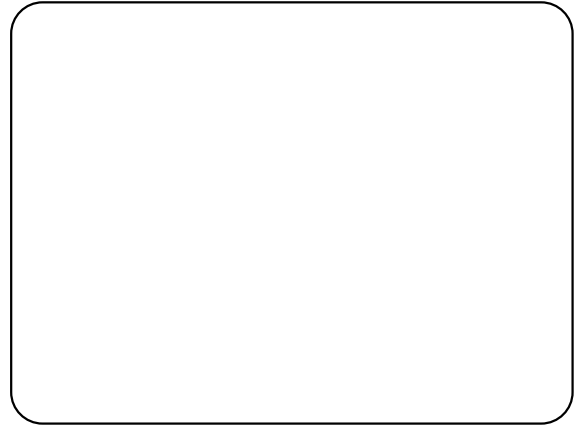
## Fast Facts

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

Another name for the Victoria Falls is Mosi-oa-Tunya, which means 'the smoke thunders'. As the water falls it makes smoke-like mist and a great noise.

### Fast Facts

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_



Waterfalls form where rivers flow over a shelf of rock. The Maletsunyane Falls in Lesotho is the highest waterfall in Southern Africa.

### Fast Facts

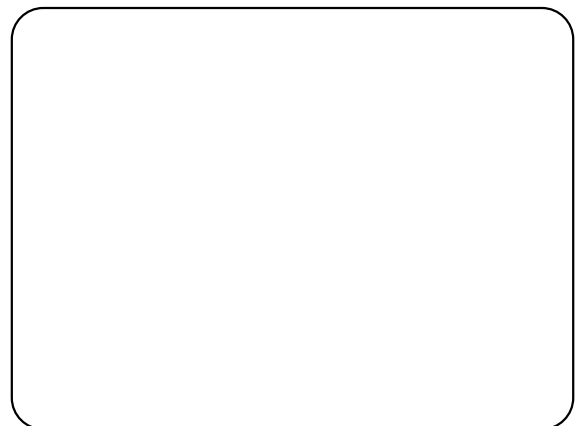
1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_



Lake Victoria is a large area of fresh water on the equator. This is where the Nile River begins.

### Fast Facts

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_



# AFRICA'S NATURAL FEATURES

# AFRICA'S NATURAL FEATURES

The Congo River flows through the rainforests of Central Africa. Two countries are named after this great river.



## Fast Facts

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

Mount Kenya is on the equator. It is sometimes covered with snow. This is because the higher you go, the colder it gets.

## Fast Facts

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_



The Gariep-Orange River flows over the Augrabies Falls and into a deep valley or canyon of smooth rock.

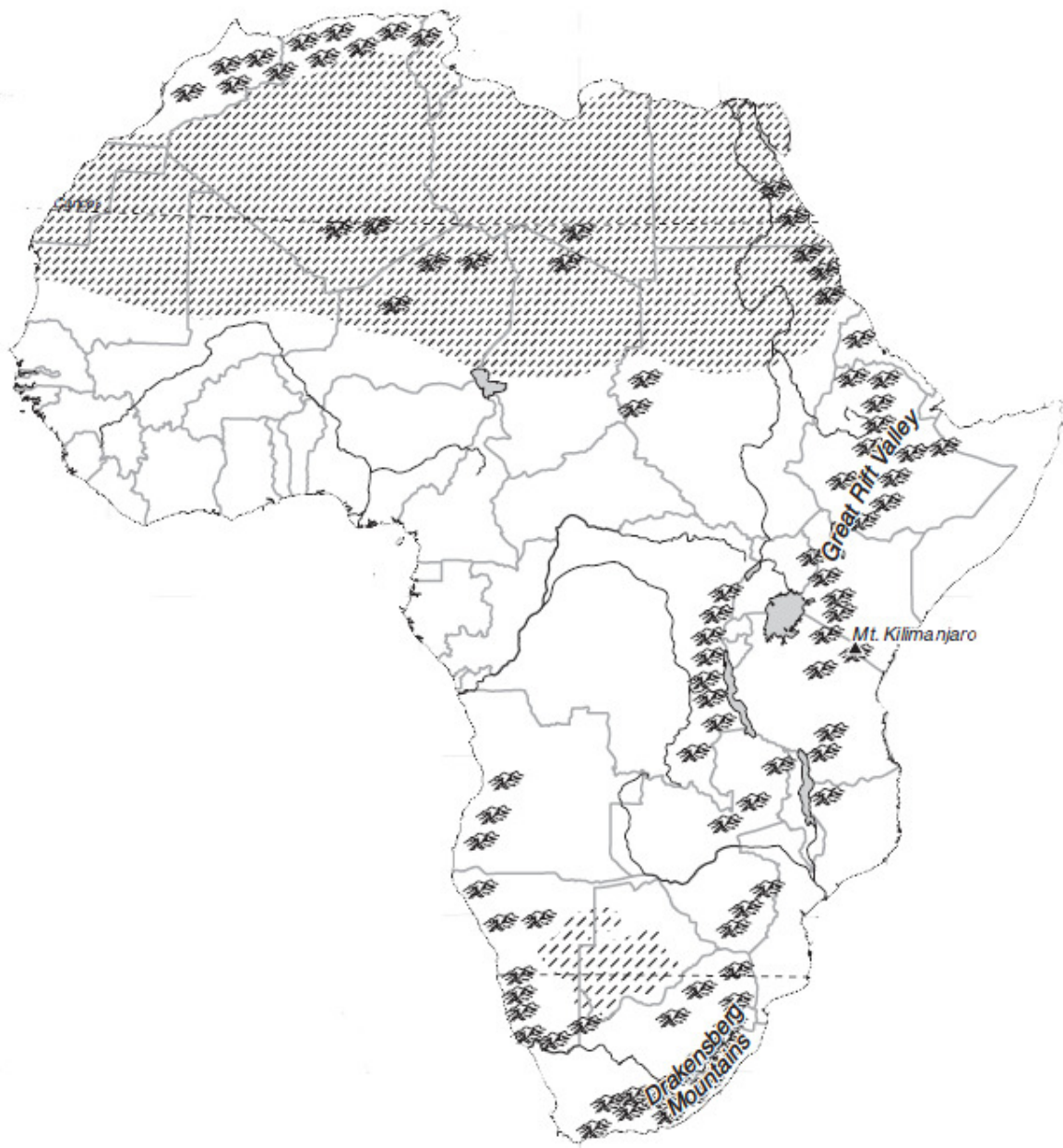
## Fast Facts

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

Laurie is at the top of Thabana Ntlenyana, the highest mountain peak in the uKhahlamba-Drakensberg range of mountains.

### Fast Facts

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_



# AFRICA'S NATURAL FEATURES

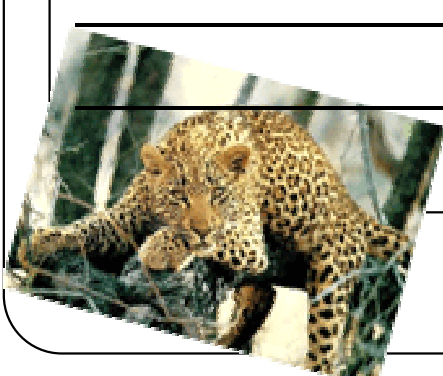
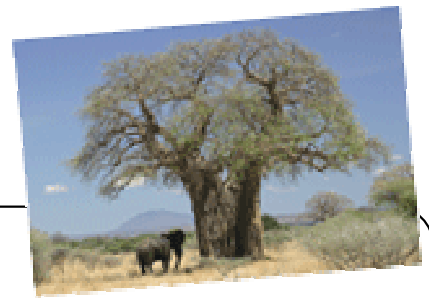
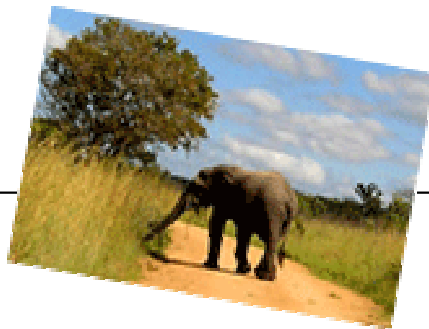
# Africa in History



Africa in History

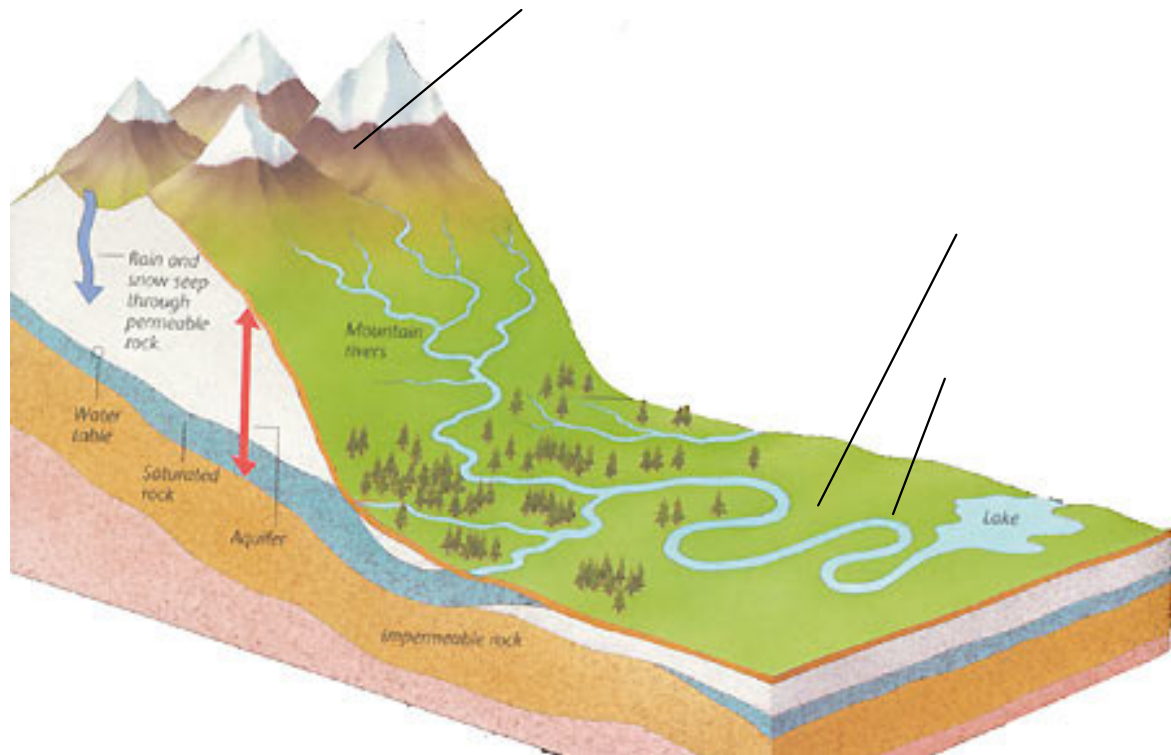
# Physical Features of South Africa

Rivers	Mountains	Coastline features	Areas



# THE ISLAND OF \_\_\_\_\_

## RIVERS



## The three Longest rivers in the world

1. Name: \_\_\_\_\_

Location \_\_\_\_\_

Length \_\_\_\_\_

2. Name: \_\_\_\_\_

Location \_\_\_\_\_

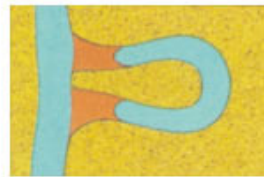
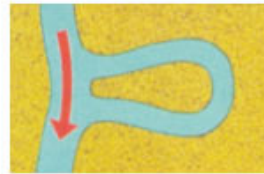
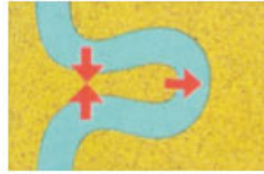
Length \_\_\_\_\_

3. Name: \_\_\_\_\_

Location \_\_\_\_\_

Length \_\_\_\_\_

## How an oxbow Lake forms





## A deLta

Paste the minitbook  
on what rivers provide  
here

# Rivers vocabulary



# how weather affects our daily lives

		
clothing		
food		
transport		
outdoor activities		
places we visit		
outdoor work		

Paste *Feeling* under the weather here

Paste *Call the Cape doctor* here

Paste your weather report here

# HOW DO WE STUDY THE WEATHER?

Studying the weather

**What information is  
collected by weather  
balloons?**

Define Anemometer, Hygrometer, Hydrometer

The four elements of the weather

# Weather Vocabulary

[illegible]



How winds are caused by the Sun

Measuring wind speed

Measuring wind speed

Strong South African winds

Paste the minitbook  
windy word find

Paste the minitbook  
MSBTwisterTrouble How  
winds are created

# Wind storms

Duststorm / Sandstorm

Squall

Typhoon

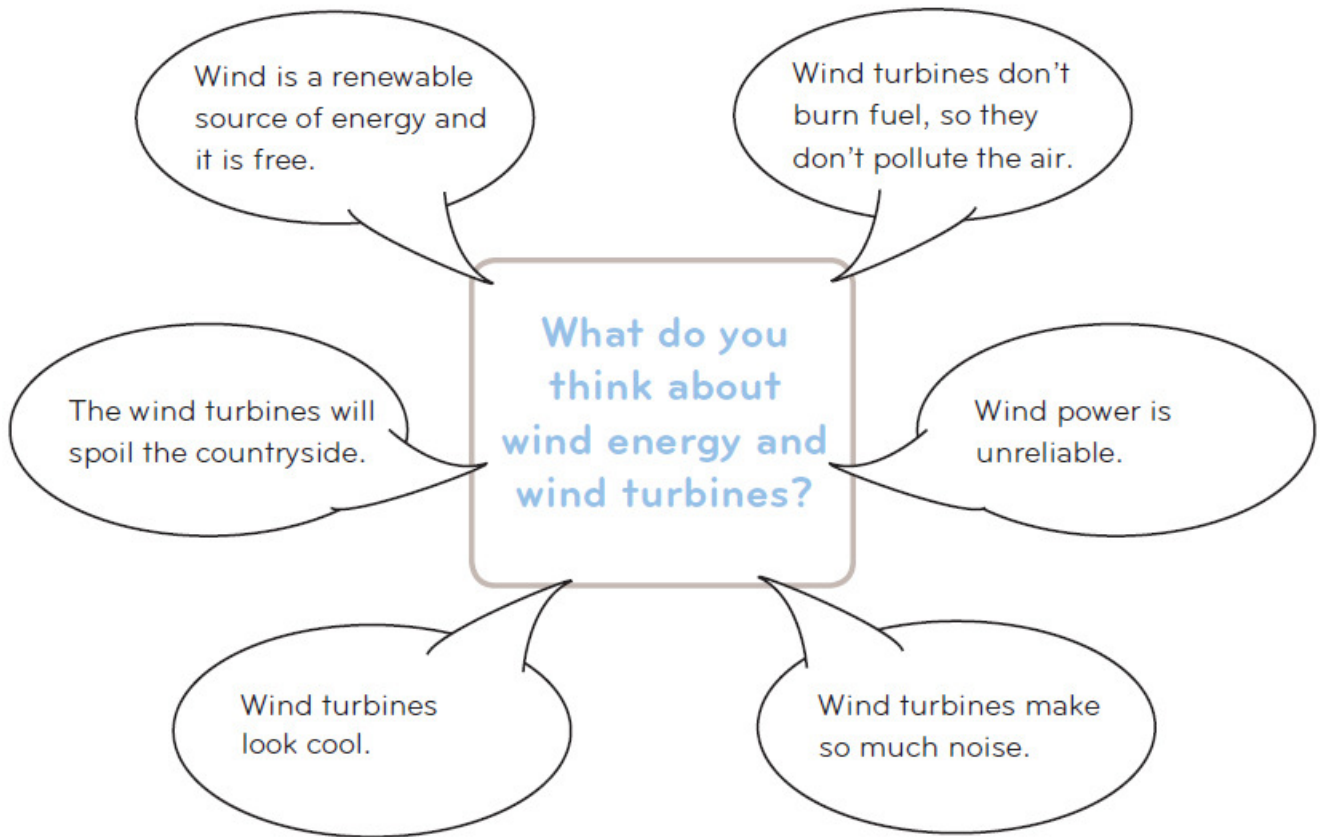
Hurricane vs Tornado  
what do they need to form?

Hurricanes

Tornadoes

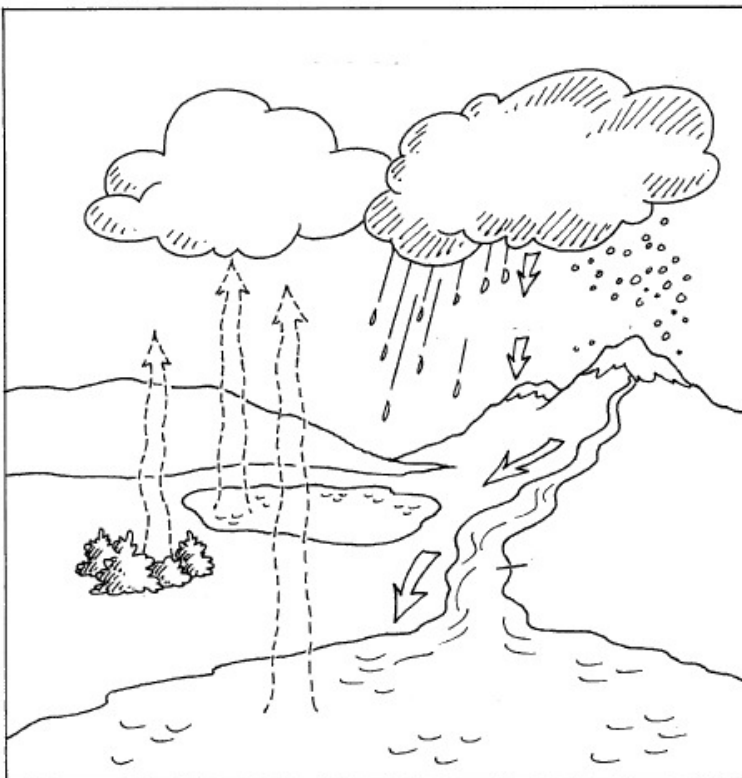
Paste the minitbook what's the  
difference

# Wind energy



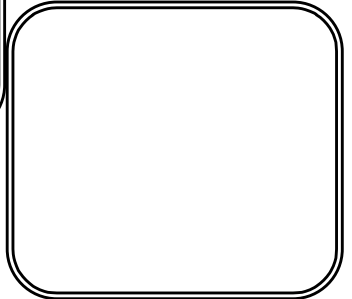
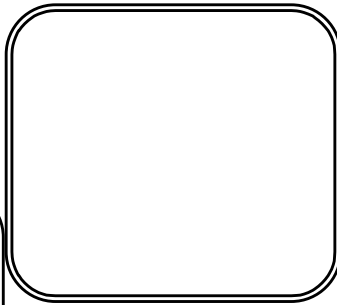
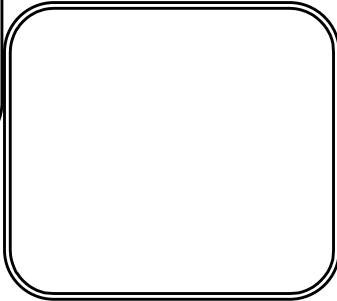
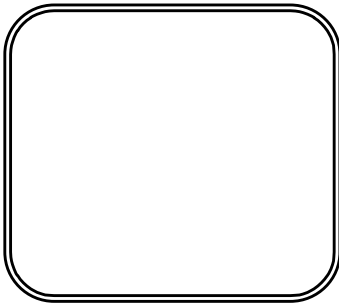
## RAINFALL

### THE WATER CYCLE



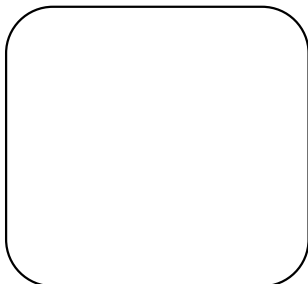
### RAINFALL VOCABULARY

# FORMS OF PRECIPITATION

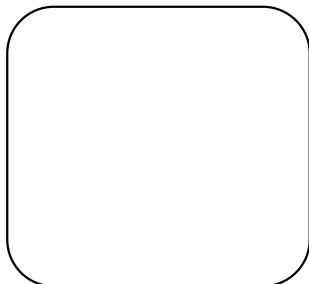


Paste What causes floods minit.doc

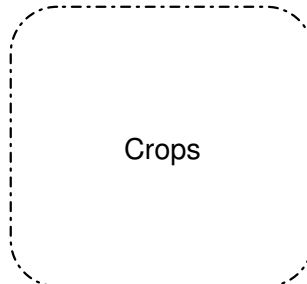
# MONSOON WINDS



In the dry season,  
winds blow from  
the land to the sea



In the rainy season,  
moist winds rush in  
from the sea



Crops



Diseases

# Climate types (Biomes) of the world

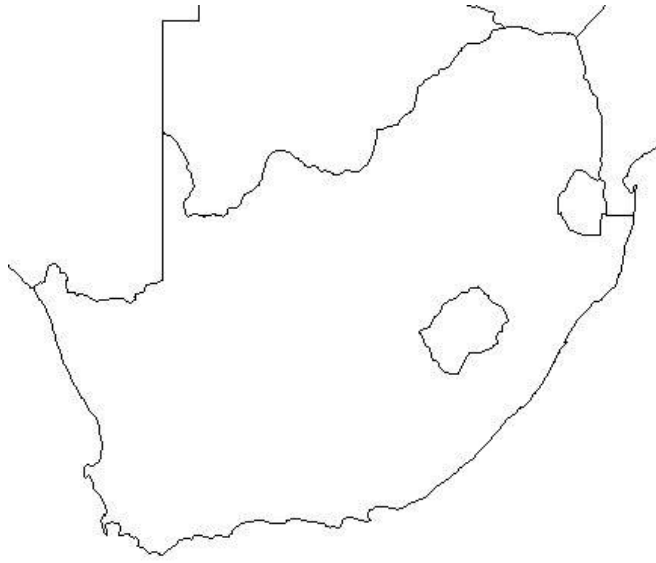
Paste Factors that  
influence climate here

Paste map of SA  
climatic regions here

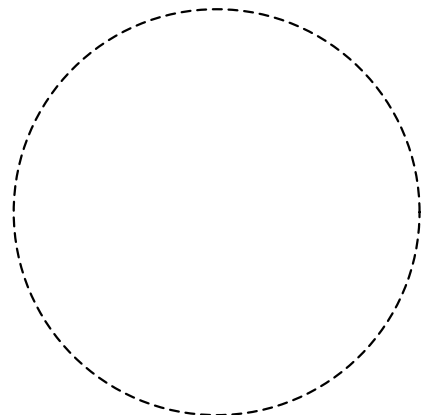
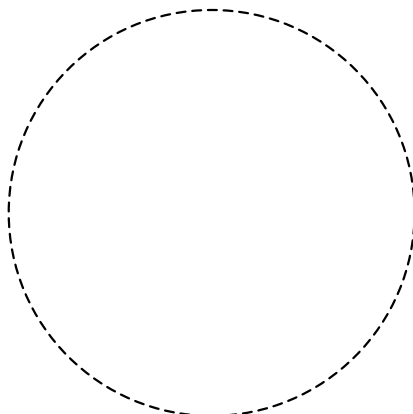
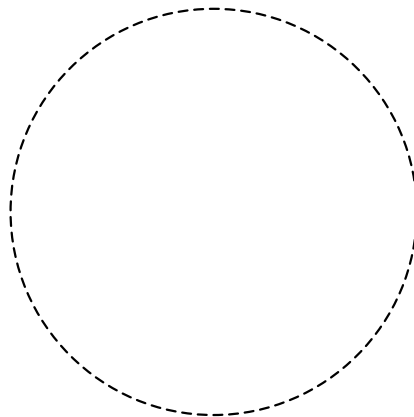
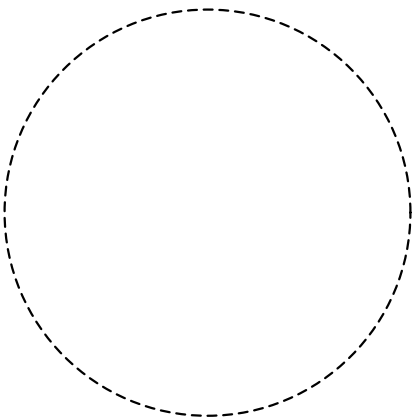
Paste your table here

South African Climates

## South Africa's two currents

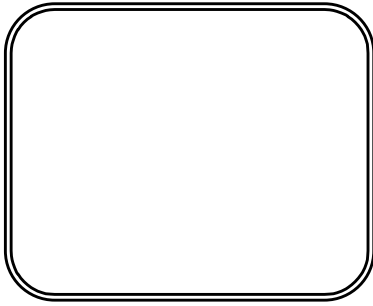


## CLIMATE VOCABULARY





# Natural Vegetation of South Africa



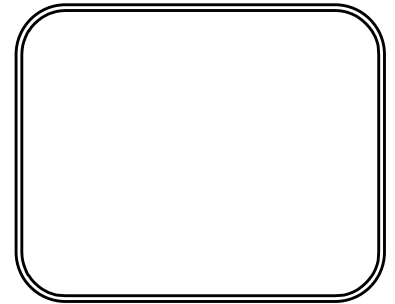
Example: \_\_\_\_\_

Where in SA: \_\_\_\_\_

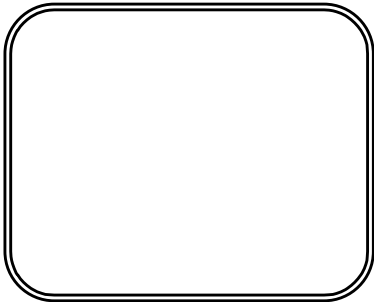
Plants with juicy leaves,  
stems or roots

Example: \_\_\_\_\_

Where in SA: \_\_\_\_\_



Open areas of grass



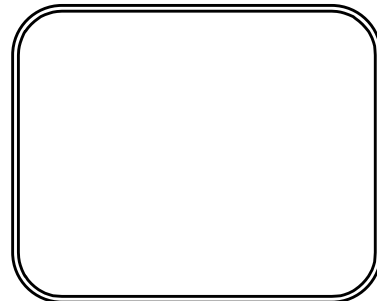
Tough plants with thin  
leaves

Example: \_\_\_\_\_

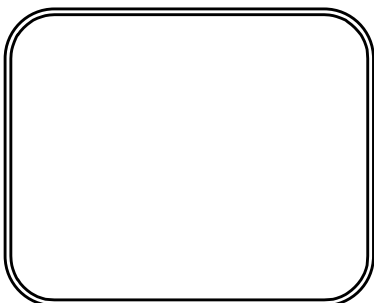
Where in SA: \_\_\_\_\_

Example: \_\_\_\_\_

Where in SA: \_\_\_\_\_



Forests of tall trees



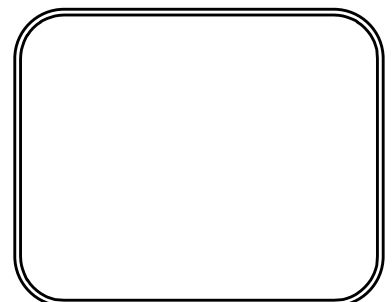
Thick bushes that are  
difficult to move through

Example: \_\_\_\_\_

Where in SA: \_\_\_\_\_

Example: \_\_\_\_\_

Where in SA: \_\_\_\_\_



Grass and scattered trees

# Three Main Types of Rocks

---

---

---

# Gold

How does gold end up inside rock?

Primary gold deposits	Secondary gold deposits

What are Placer deposits?

Reserve Bank

How did the discovery of gold change South Africa?

Roads were improved	Railways were built	Towns expanded

Au

Melting point: 1064.18 °C

Boiling point: 2856 °C

Gold

- is easy to shape
- is ductile
- conducts electricity

Origin of the name:  
from the Anglo-Saxon  
word "gold".

Origin of the symbol:  
Au is the Latin word  
"aurum" meaning  
"gold".

# Timeline of Gold

# Diamonds

The first diamond found in South Africa

Kimberley's big hole

## De Beer's methods of mining for diamonds

Open Pit Mining

Underground Mining

Marine Mining

Alluvial Mining

**How diamonds are formed**



**What people do with diamonds**

**Factors that determine the  
quality of a diamond**

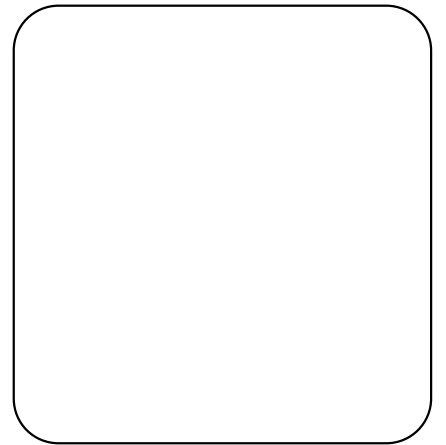
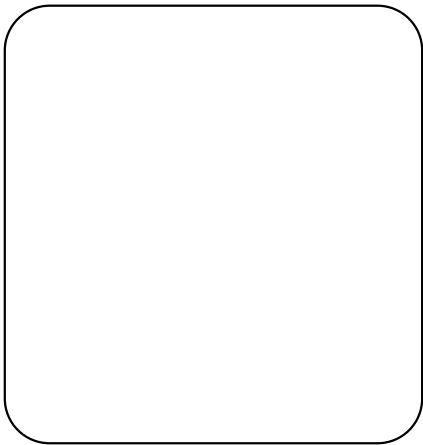
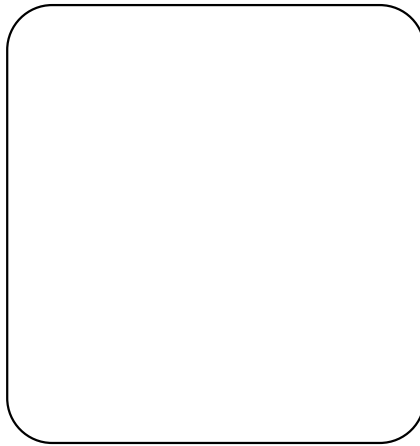
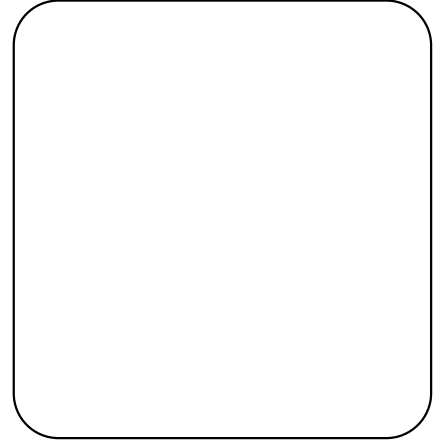
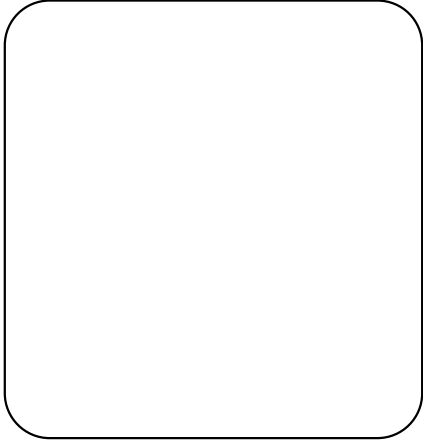
**Cecil Rhodes**

**Diamonds**

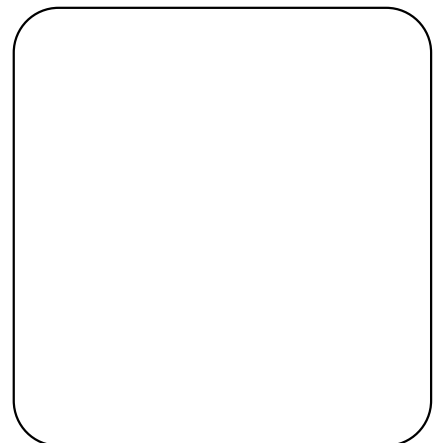
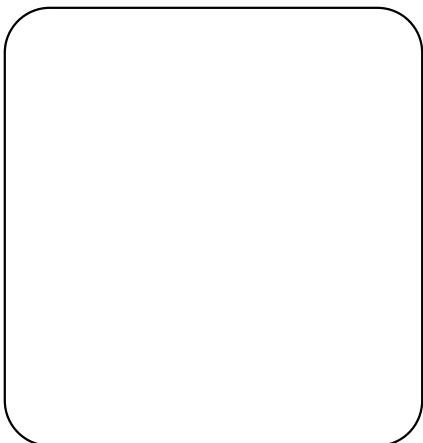
# Mining vocabulary

A large, empty rectangular box with a thin black border, intended for writing mining vocabulary notes.A second large, empty rectangular box with a thin black border, identical to the one above, for additional mining vocabulary notes.

# Mining in South Africa



Main minerals  
mined in South  
Africa





## **Coal as a non- renewable resource**

Paste *how coal was formed* here

Paste *uses of coal* minitbook here

### **Deep level mine**

Mining in South Africa

How mining  
impacts the  
environment

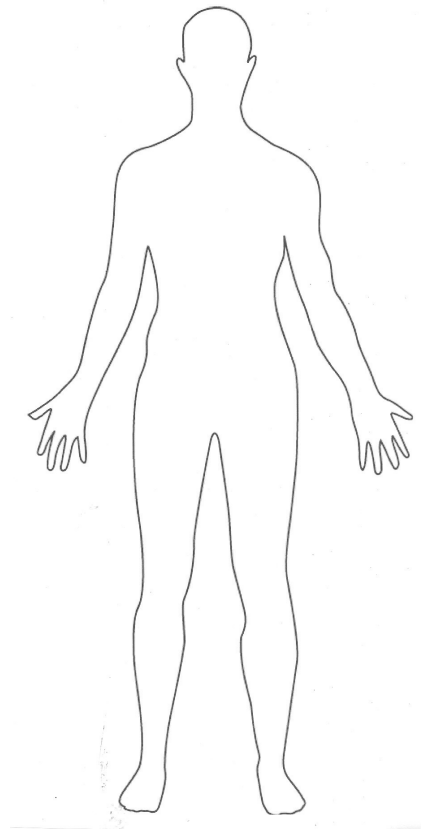
# Mining in South Africa

Paste some newspaper articles here

Paste some newspaper articles here

Mining in South Africa

## **Safety equipment of a miner**



Mining in South Africa

Did you Know?