

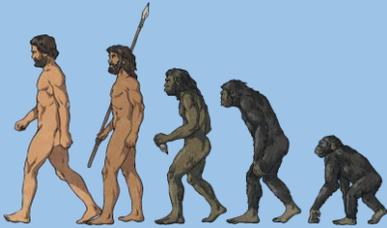
# Compass Goes River Cruising

## What should I already know?

- The names for the human and physical features of rivers.
- How and why land usage varies across the upper, middle and lower courses.

## Evolution

Charles Darwin (1809-1882) introduced the theory of evolution. He discovered that humans and apes shared ancestors which led to this famous image...



The thing about evolution is that it happens over the space of a long, long time so we don't really notice it. Small changes happen in each generation, whereby animals and plants adapt to their environment in order to survive better. These adaptations are passed to the next generation. Over time, small changes add up to big changes.

## Class Reader: *Floodland* by Marcus Sedgwick

Zoe last saw her father and her sick mother as they sailed away on the last boat from Norwich, leaving her to face the future alone. She finds her way to Eel Island, a place where mobs rule in a bid for survival in a dark, dank graveyard of a world.

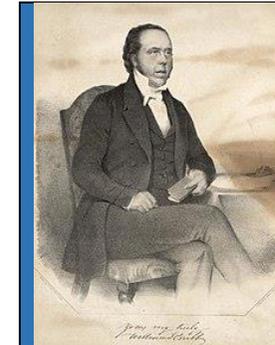
## Vocabulary

Climate	Typical weather conditions of an area.
Equator	Imaginary line dividing the Earth into northern and southern hemispheres.
Lines of longitude	Imaginary lines that run pole to pole, used to specify something's east/west position on the Earth's surface.
Lines of latitude	Imaginary lines that run parallel to the Equator, used to specify something's north/south position on the Earth's surface.
Fossil	Remains or impression of a prehistoric plant or animal preserved in rock.
Adaptation	Process by which a living thing becomes better suited to its environment.
Evolution	Process by which living things are believed to have developed from earlier life forms.
Classification	The arrangement of animals and plants into groups according to their similarities.
Slavery	Working very hard without pay.

## During this topic we will:

- Locate places using 6 figure grid references as well as lines of longitude and latitude.
- Compare the human and physical geography of different regions in North America and how it has contributed to natural disasters.
- Explain how animals evolved through inherited adaptations and classify them into groups.
- Understand how historical events have shaped our cultures.

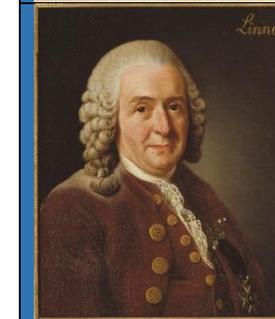
This is a map of the course of the Mississippi River from source to sea, showing the different states it flows through.



William Knibb

Missionary to Jamaica, chiefly known for his work to free slaves.

1803-1845



Carl Linnaeus

Formalised the modern system of classifying living things.

1707-1778



1. List all the features of a river that you can, and label them as human or physical.	
Start of topic.	
End of topic.	

3. Who was William Knibb?	Start of topic	End of topic

4. Which are true of evolution? (Tick all that apply.)	Start of topic	End of topic
Evolution is a quick and dramatic process.		
Evolution is a slow and subtle process.		
Animals adapt to their environment so that they are better suited to it.		
Animals that do not adapt to their environment tend to survive better.		

2. What are the purpose of lines of longitude and latitude? (Tick one.)	Start of topic	End of topic
To measure the length of a river.		
To identify the specific location of a place on the Earth's surface.		
To plan a route from place to place.		
To tell you how high land is above sea level.		

5. Which of these factors actively influence the culture of a place? (Tick all that apply.)	Start of topic	End of topic
Colonisation by other countries		
Slave trade		
Language		
Year it was founded/ discovered		
Migration		
Crime rate		
Food that is eaten		