

“Is discovering the world worth the side effects?” (Geography)

Vocabulary

deduction



Using **information** to **draw a conclusion**.

expedition



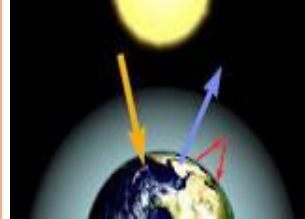
Journey taken for a **scientific** or **geographical purpose**.

glacier



Slowly moving mass or **river of ice**.

global warming



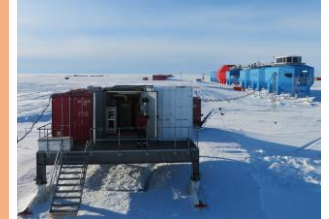
Gradual increase in the **temperature** of **Earth’s atmosphere**.

human intervention



Humans changing something and it **affects a location**.

science station



Research location where scientists **live** and **work**.

Important People

Ernest Shackleton (1874 – 1922)

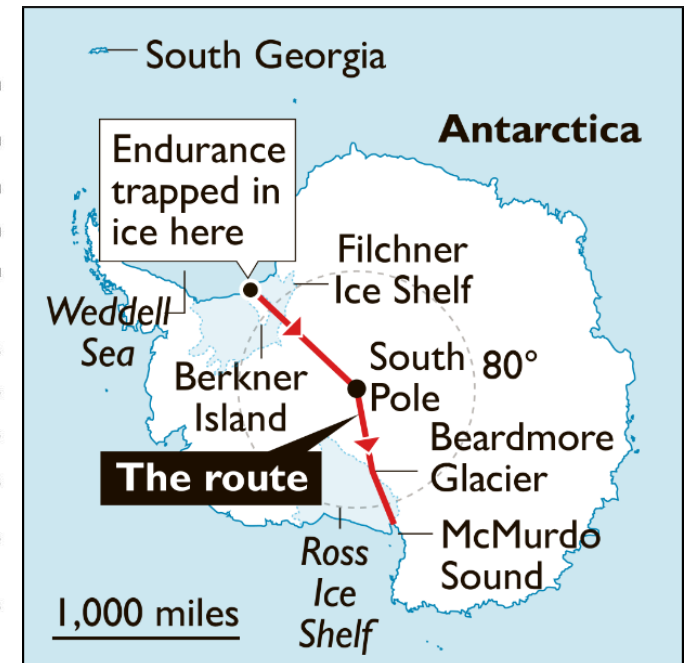


- Led the **failed expedition to the Antarctic** in 1914.

Big Ws: Shackleton’s Expedition on the Endurance

Challenges faced:

- Entrapment
- Hunger
- Pressure across the ice
- Ice drifts
- Gales
- Steep glaciers



What I can remember

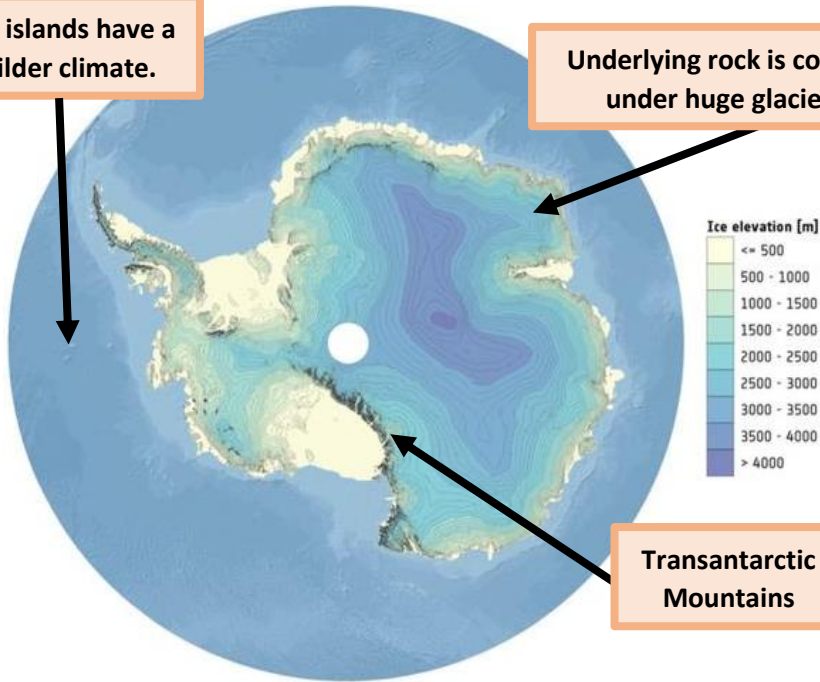
- **North America (Y4)**
- **Greece (Y4)**
- **Off We Go to Mexico! (Y2)**

Big Ws: Antarctica

- Antarctica's biome is **polar desert**.
- It is **covered in ice**, with **rocks underneath**.
- During **winter**, Arctic **ice is roughly double** what it is in the **summer**.

The islands have a milder climate.

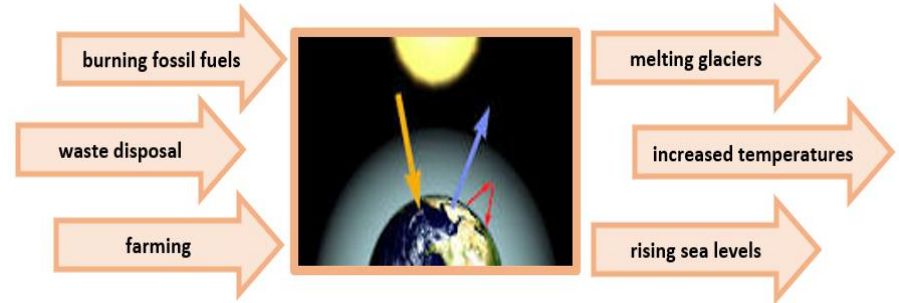
Underlying rock is covered under huge glaciers.



Transantarctic Mountains

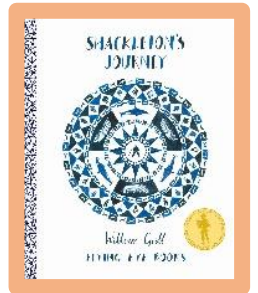
Big Ws: Global warming

- When fossil fuels are burned, gases are produced.
- Human activity also causes these gases.



Big Ws: Human impact

- **Animals declining**
- **Invasive species**
- Building of **scientific bases**
- Scientific and historical **discoveries**



pack ice

ice shelf

