

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

## Vocabulary

### deduction



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

### expedition



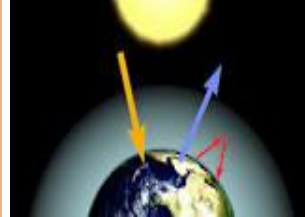
**Journey** taken for a **scientific** or **geographical purpose**.

### 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**.

### research station



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

## Important People

### Ernest Shackleton (1874 – 1922)

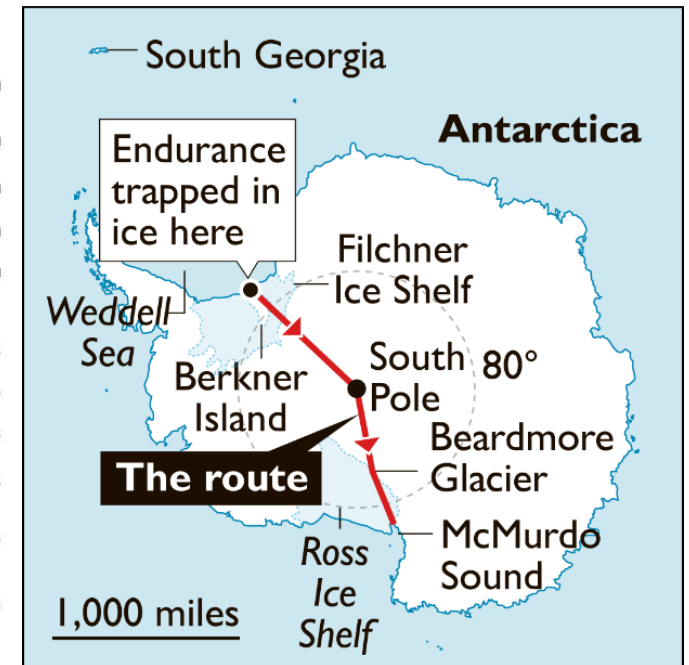


- Led the **failed expedition to the Antarctic** in 1914.

## 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

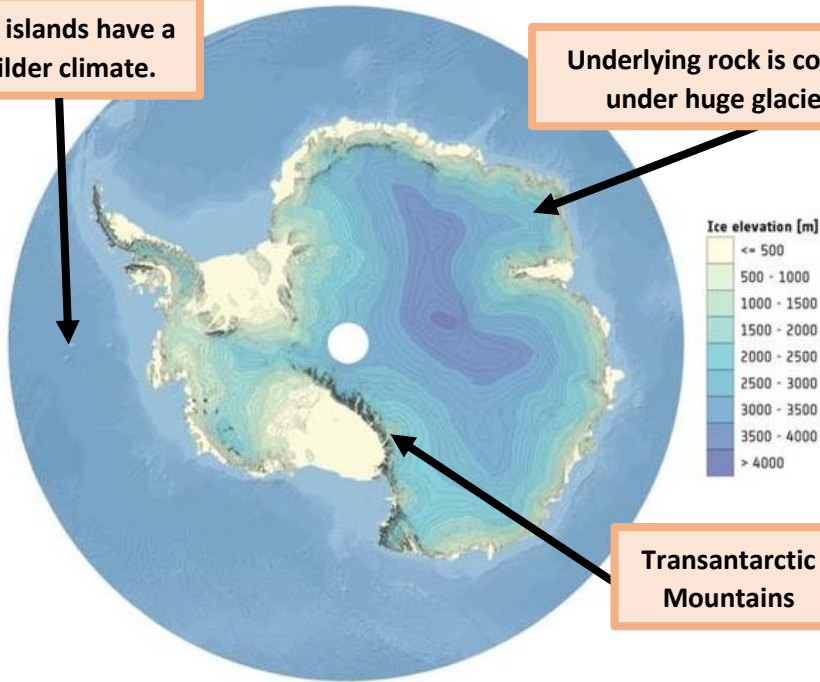
- **North America (Y4)**
- **Greece (Y4)**
- **Off We Go to Mexico! (Y2)**

### 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.

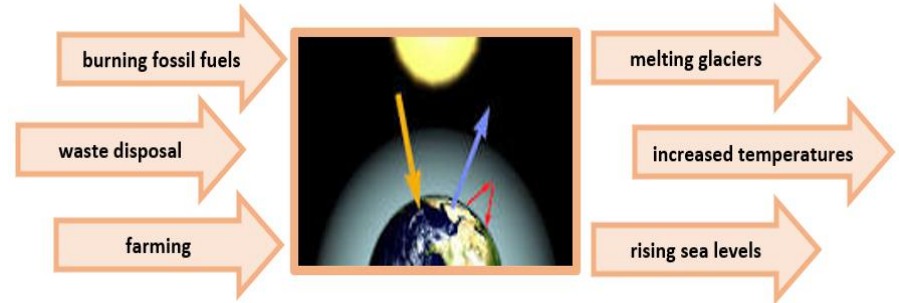
Underlying rock is covered under huge glaciers.



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**

