



## Topic Overview

Faculty/Subject: Geography

Year Group: 9

Topic: Climate Hazards

### What BIG IDEAS will you cover in this topic?

Students will start to develop the various impacts that climate events can have on various aspects of life in other countries around the world.

They will develop their comparative thinking skills when directly comparing the effects of two storms against each other.

### What other key concepts, knowledge and skills will you learn in this topic?

Students will be exposed to hurricane track maps which show the predicted path of a storm and will be different from what they have experienced so far.

### What important prior knowledge will you use from your prior learning?

Students will need to have an understanding of what an impact is from when they covered this in their UK weather topic. They will also need to have an understanding of air pressure from then as it will link to both tropical storms and droughts.

### Assessment:

### How and when will you be assessed on this topic? What will the success criteria be?

Written task - students will complete a written question where they will compare the impacts of a storm in two different countries. Students will have an opportunity to complete a DIRT task based on this.

### Where does this topic fit into the curriculum plan for this subject?

This is the first topic which students will cover in year 9 and will be the first physical topic which they will study.

End of topic assessment - students will have a mix of knowledge based, essay style and skills based questions. Testing them on their progress from all aspects of the topic.

### This will cover:

- Tropical storms - formation, Case studies, climate change impact
- How do you prepare for storms
- Droughts - causes, case study, impacts, solutions

**What is the key vocabulary that you will need to**

**know in this topic?**

**Tropical storm**

**Cyclone**

**Hurricane**

**Typhoon**

**Eye**

**Eye wall**

**Anticlockwise/ clockwise**

**Low/ high air pressure**

**Drought**

**Impact**

**Flooding**

**Prediction**

**Prepare**

**What is the structure of learning/ lessons in this topic?**

1. Tropical storm - location
2. Tropical storm formation
3. Case study - Cyclone Amphan
4. Case study - Hurricane Milton
5. How will climate change impact storms?
6. Hurricane Katrina
7. How do you prepare?
8. Droughts - causes
9. Case Study - Drought
10. Impact of droughts
11. Solutions to droughts