# Topic Overview

Faculty/Subject: Geography
Year Group: 8
Topic: Restless Earth

| | |
|---|---|
| **What BIG IDEAS will you cover in this topic?**<br><br>We will cover the reasons behind some of earths most destructive natural disasters including volcanoes and earthquakes. Students will gain an understanding of the structure of the earth and what leads to their formation.<br><br>Students will see the destructive power of these dangers through the use of case studies. | **What other <u>key concepts, knowledge and skills</u> will you learn in this topic?**<br><br>Students will also see how people cope living with these hazards and why they live there despite the danger.<br><br>Students will complete a paper based GIS task which will show the locations of volcanoes and earthquakes on the earth's surface. |
| **What important <u>prior knowledge</u> will you use from your prior learning?**<br><br>Students will need to have an understanding of what a volcano is. This will be covered in the lesson but we will delve deeper into this during the topic, particularly why they form and their types. Students will also need to know what an impact is. We will be looking at how these hazards have various impacts.<br><br>**Where does this topic fit into the <u>curriculum plan</u> for this subject?**<br><br>This is the second topic which students will study during Year 8 geography. This is their first physical topic of the year and will help give the groundwork for future more detailed study of these hazards at GCSE. | **Assessment:**<br>**How and when will you be assessed on this topic?**<br>**What will the success criteria be?**<br><br>Mini assessment - Students will complete a small assessment made up of multiple choice questions and some written questions to test their understanding up to that point in the topic.<br><br>End of topic assessment - students will be assessed on all knowledge and skills from the topic in a variety of questions.<br><br>**Topics assessed will be:**<br>● Structure of the earth<br>● Plate tectonics/ boundaries<br>● Volcano types and eruptions<br>● Earthquakes - including a case study<br>● Tsunami - causes, impacts and case study<br>● Reducing earthquake risk<br>● Living with tectonics |
| **What is the key <u>vocabulary</u> that you will need to know in this topic?**<br><br>Core<br>Mantle<br>Crust<br>Constructive plate boundary<br>Conservative plate boundary<br>Destructive plate boundary<br>Shield volcano<br>Cone volcano<br>Focus<br>Epicentre<br>Tsunami | **What is the structure of learning/ lessons in this topic?**<br><br>1. Structure of the earth<br>2. Plate tectonic theory<br>3. Plate boundary types<br>4. Volcano types<br>5. Volcanic eruption case study<br>6. Earthquakes - causes and measurement<br>7. Earthquake case study<br>8. Location of earthquakes and volcanoes<br>9. Tsunami - causes, impacts and case study<br>10. Reducing the risk<br>11. Living with tectonics |