

# Year 9 Geography Learning Programme term 1



## Topic

## Objectives/content

## Classroom activities

## Recommended home learning

## Assessment

Living with the Physical Environment: the challenge of natural hazards

Definition of a natural hazard.  
Types of natural hazards.  
Factors affecting hazard risk.  
Theory of plate tectonics.  
Global distribution of volcanoes and their relationship to plate margins.  
Constructive, destructive and conservative plate margins.  
Primary and secondary effects of tectonic hazards.  
Immediate and long term responses to a tectonic hazard.  
Case studies: LIC/NEE  
Why people live in areas at risk of tectonic activity.  
How to reduce risks e.g. monitoring, prediction.  
Global atmospheric circulation.  
Distribution and causes of Tropical Storms.  
Structure of a tropical storm.  
Effects of tropical storms.  
Case study.  
How to reduce risks.  
Extreme weather in the UK.  
An example of a recent UK extreme weather event.  
Understanding of natural and anthropogenic (human) causes of climatic change.

Use newspaper headlines to express the idea of a hazard (where people and property are affected).  
Use an atlas to identify plates and then label them on a blank world map.  
Use latitude/longitude to locate particular events on the map to illustrate the relationship between plate margins and earthquake/ volcanic activity.  
You can find data on the USGS website:  
<http://www.usgs.gov/pubprod/>  
Use a video clip to show plate movement, for example:  
[https://www.youtube.com/watch?v=Kg\\_UBLFUpYQ](https://www.youtube.com/watch?v=Kg_UBLFUpYQ)  
Produce annotated diagrams of each type of plate movement  
View a video of an aircraft flying through a tropical storm, for example:  
<https://www.youtube.com/watch?v=a-SnxC-BkPo>  
Annotate a diagram of a tropical storm to identify its key characteristics.  
Build up an inventory of extreme weather events (perhaps over one year) using Met Office Data:  
<http://www.metoffice.gov.uk/datapoint>

TV news report- write a TV news script, reporting on an earthquake  
  
Write a TV news report for a tropical storm  
  
Identify causes of a recent extreme weather event, use specific data (for example, Met Office Data).  
Research the event - look at newspaper reports and photos.  
Write a report describing the impacts.  
Describe what has been done or could be done to reduce future risks.  
  
Revision for end of unit test

End of unit test