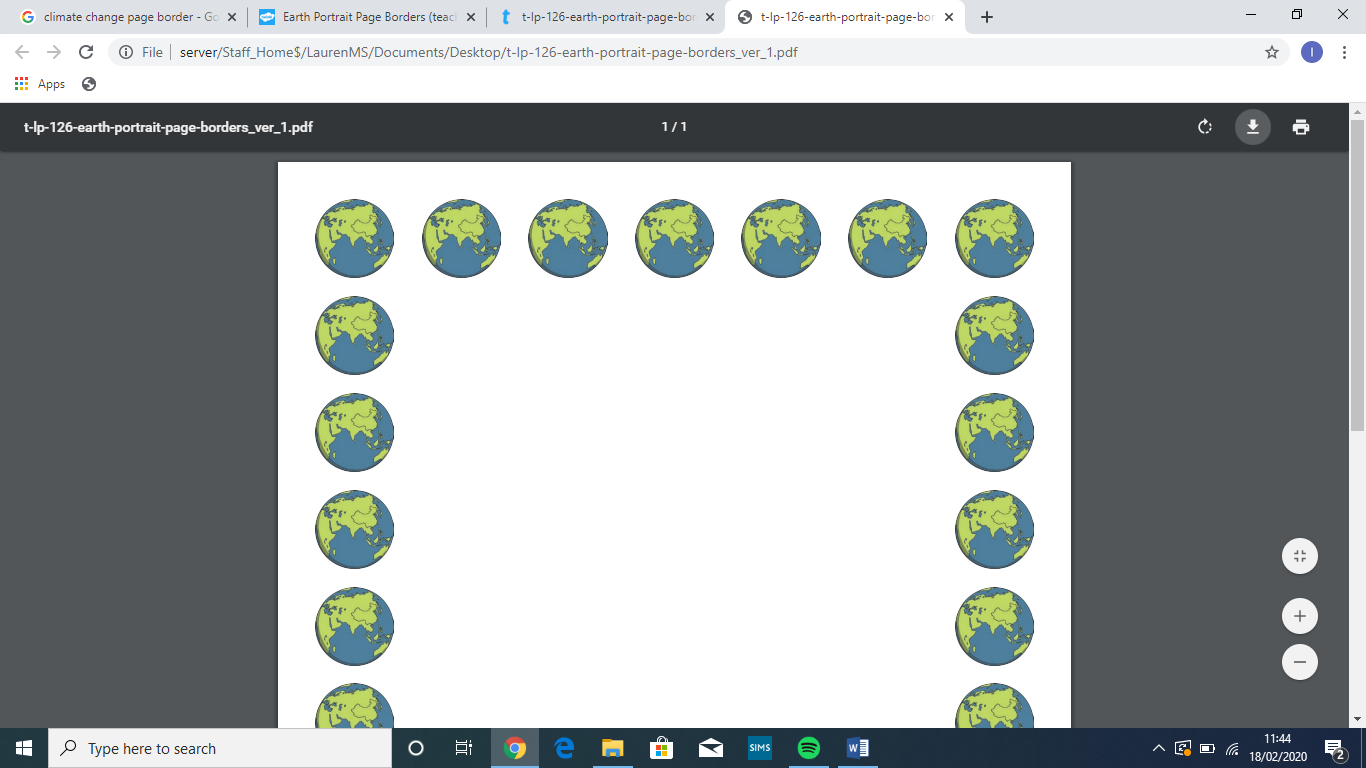


Catastrophe

Year 6 - Spring Term 2

|  |  |
| --- | --- |
| **Key vocabulary** | |
| Climate | The general weather conditions that are typical of a place |
| Climate change | Changes in the earth’s climate, especially the gradual rise in temperature, as a result of human activity |
| Climate zone | Sections of the Earth that are divided according to the climate. There are three main climate zones; polar, temperate and tropical. |
| Continent | A very large area of land that consists of many countries. Europe is a continent. |
| Erosion | The gradual destruction and removal of rock or soil in a particular area by rivers, the sea, or the weather |
| Pollution | The process of polluting water, air, or land, especially with poisonous chemicals |
| Weather | The conditions outside at a particular place and time |
| Forecast | To predict what might happen. |
| Weathering | Wear away or change the appearance or texture of (something) by long exposure to the atmosphere. |



**What should I already know?**

-the seven continents, five oceans and surrounding seas of the United Kingdom;

- the names of some key rivers around the world including the Thames and the Nile;

-the main biomes and climate zones around the world;

-the water cycle and where our water comes from;

-how sedimentary rocks are formed;

-the effects of climate change on the poles.

**By the end of this unit,**

**I will be able to:**

-explain what weathering and erosion mean;

-describe how erosion changes rocks;

-name some features of a coastline;

-name some famous UK coastal features;

-describe how erosion and deposition change the look of a coastline;

-name an area of the UK which has been affected by coastal erosion;

-describe some ways that weather can change the landscape;

-describe how physical changes have affected Earth since 1800;

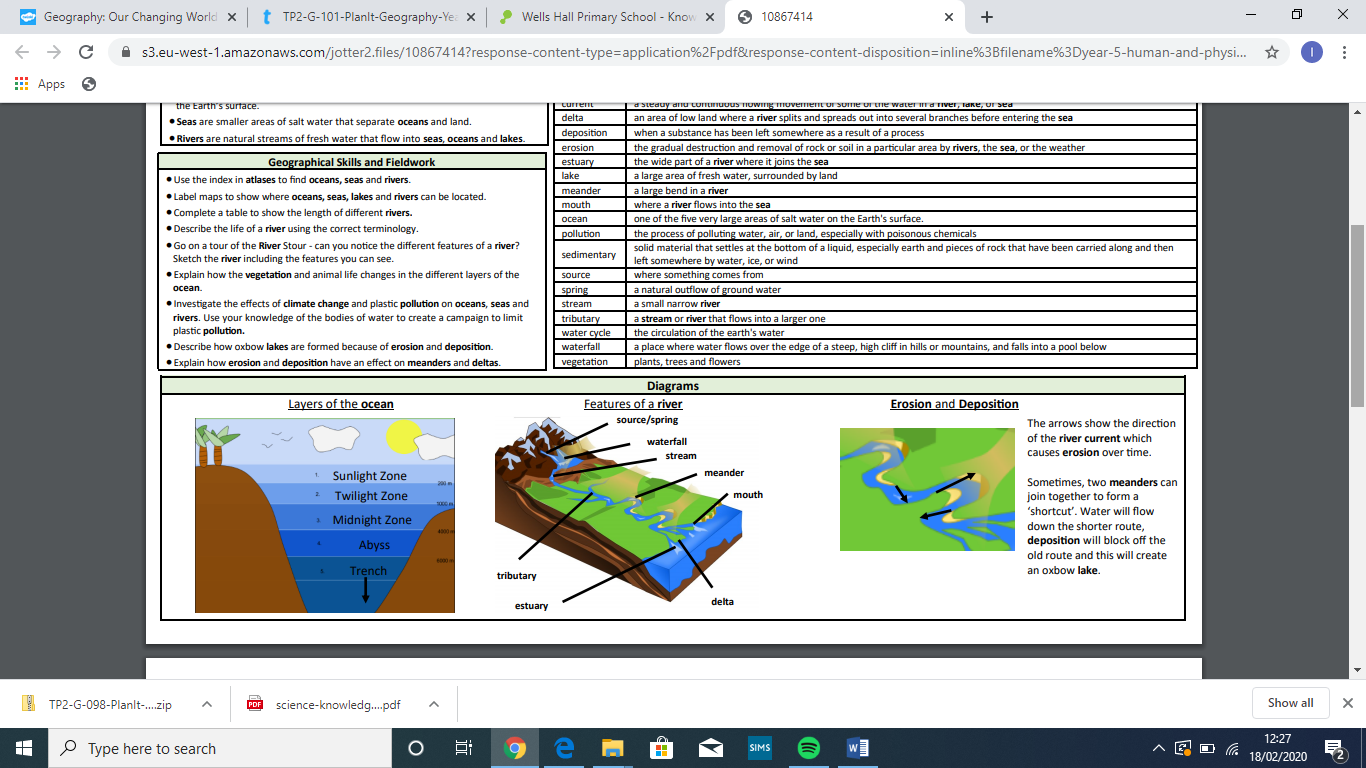
-list some physical changes to the Earth predicted to occur by 2050;

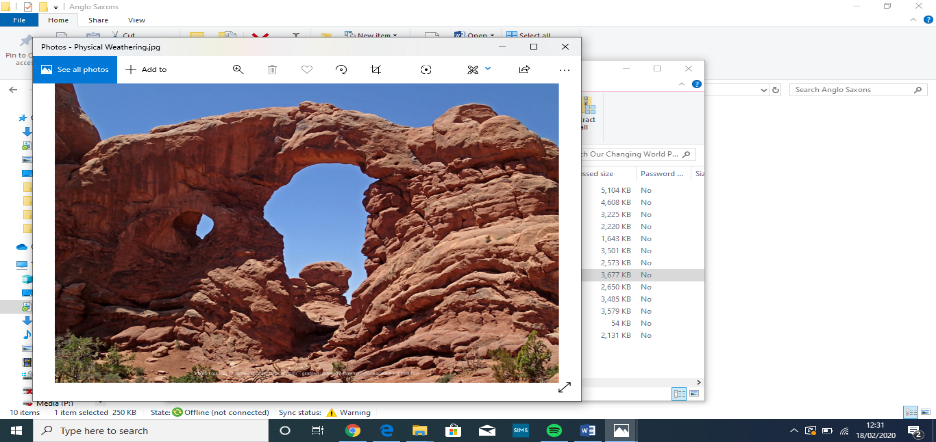
-describe some ways that human activity changes the landscape;

-understand how and why climate change is occurring;

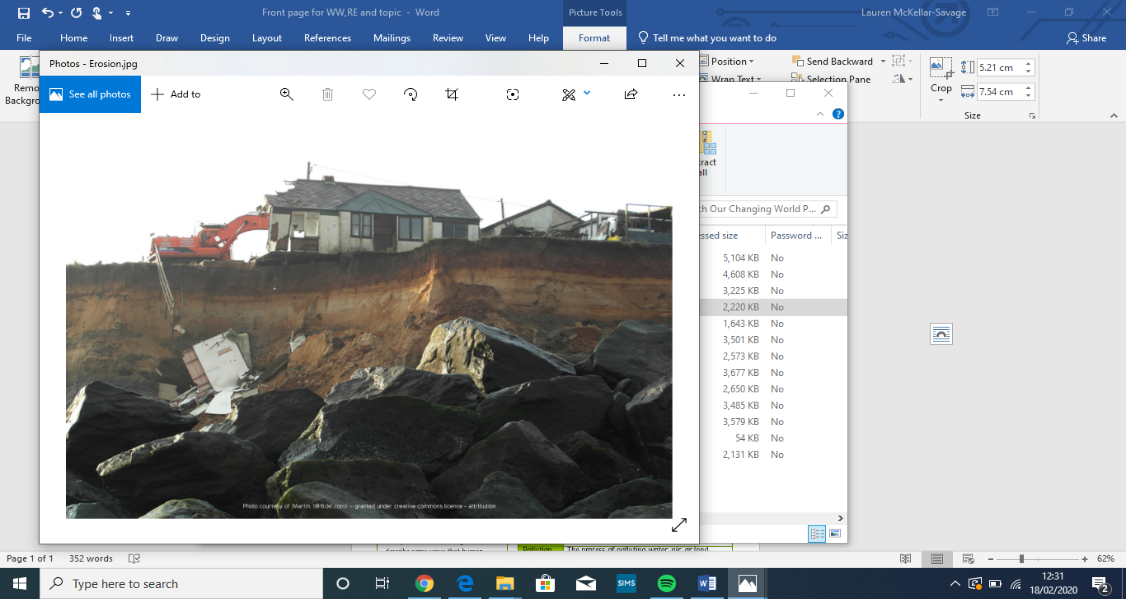
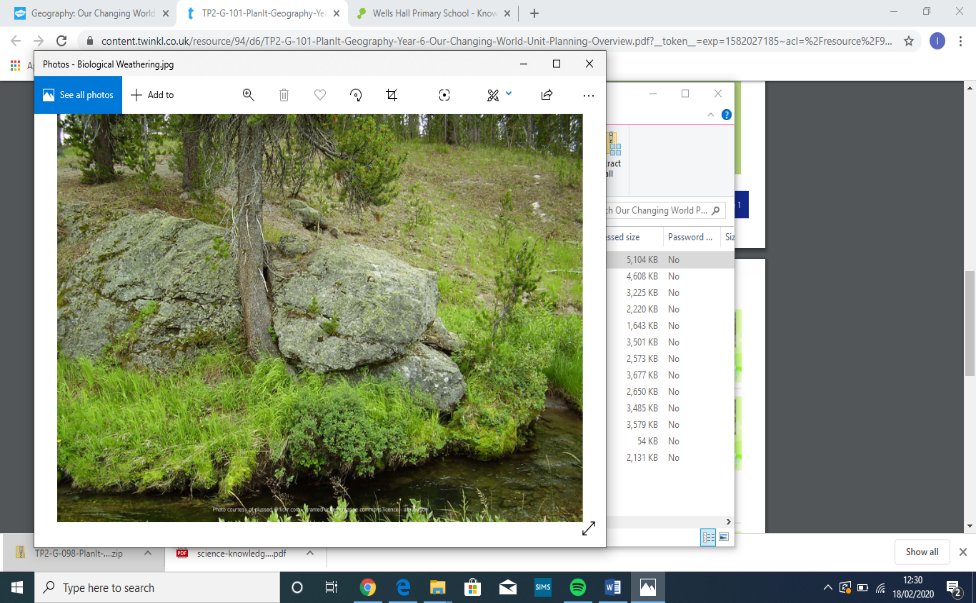
-know about changes that need to occur to slow climate change;

-understand what causes pollution and how to prevent it.





Physical weathering



Biological weathering

Erosion