**Hazards Review Notes – wildfires**

**Create a mind map to show the factors affecting wildfires. Include the following:-**

1. **Vegetation type**
2. **Weather conditions**
3. **The role of climate**
4. **Topography**

**Which factors do you think are the most important and why?**

**What are wildfires?**

**What are the 3 ingredients of a fire triangle?**

**What is a material’s flashpoint?**

**What is the difference between crown fires, surface fires and ground fires?**

**What causes wildfires?**

**How do most fires start? Are human or natural factors more significant?**

**Mini case study – Black Saturday fire 2009.**

**What were the causes and the effects?**

**What are the primary and secondary impacts of wildfires? Categorise them so that you have at least two environmental, social, economic and political impacts.**

**What wildfire management techniques are used?**

**Which ones are the most and which the least effective? Think about the scale of the fire, the equipment/technology available and the risk to fire fighters.**

**Make notes on each type of response and give examples, wherever possible, of where they have been used.**

**Detailed case study example – Alberta, 2016 (This is the local scale case study)**

**To include:-**

**The spatial and temporal setting of the wildfire event.**

**An assessment of the perception of the wildfire, and the factors affecting those perceptions at a range of scales – e.g, magnitude, frequency, population characteristics etc.**

**Explain the causes of the wildfire.**

**Explain and assess the impacts of the wildfire.**

**Explain, assess and justify the response to the wildfire – including the factors affecting this response.**