|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Red | Amber | Green | Where can I find out more information? |
| Can you define Quaternary period, Glacial period and Interglacial period? |  |  |  | Page 19 |
| Do you know the pattern of climate change from the beginning of the Quaternary Period to the present day? |  |  |  | Page 19 |
| Do you know a range and evidence relating to climate change including evidence from sea ice positions, ice cores, global temperature data, paintings and diaries? |  |  |  | Page 19 |
| Can you make a judgement on which one is most reliable and why? |  |  |  | Page 19 (your own opinion) |
| Can you outline the causes of natural climate change including the theories of sun spots, volcanic eruptions and Milankovitch cycles? |  |  |  | Page 20 |
| Do you what the greenhouse effect is? |  |  |  | Page 21 |
| Do you what impact humans have on the atmosphere? |  |  |  | Page 21 |
| Do you what the enhanced greenhouse effect is? |  |  |  | Page 21 |
| Do you know a range of social, economic and environmental impacts of climate change worldwide such as those resulting from sea level rise and extreme weather events? |  |  |  | Page 22 |
| **CASE STUDY** Do you know a range of social, economic and environmental impacts of climate change within the UK? |  |  |  | Page 23 |

**Topic 2 – Changing Climate Personalised Learning Checklist**