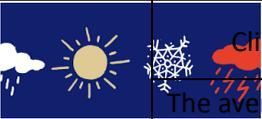
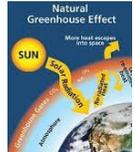
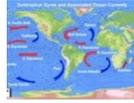
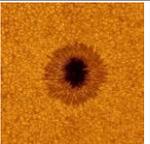


Geography Knowledge Organiser – Year 9 – Term 1A – What is the future of our Planet?

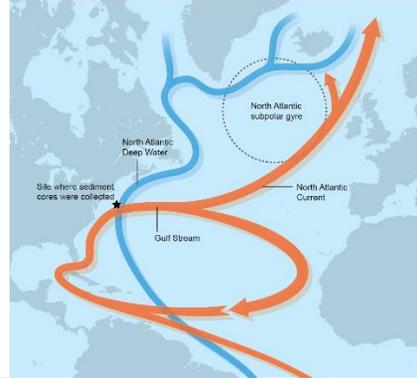
| | | | | | | | | | |
|---|---|---|--|---|---|--|---|---|--|
| 1 |  | Climate | |  | Ice cores | |  | Pollution | |
| | | The average weather conditions of an area occurring over many years. | | | A section of ice drilled from a glacier showing the layers of ice created over | | | harmful materials into the environment. | |
| 2 |  | Climate Change | |  | Tree rings | |  | Emissions | |
| | | The long term shift in the earth's average temperature. | | | Marks on the inside of tree's trunk that show individual growing seasons. | | | The release of a substance (usually a gas when referring to the subject of climate change) into the | |
| 3 |  | Global Warming | |  | Historical sources | |  | drought | |
| | | A gradual increase in the overall temperature of the Earth. | | | Historical records from ancient cave paintings, diaries and written | | | A long period without rainfall. | |
| 4 |  | Greenhouse gases | |  | Deforestation | |  | flooding | |
| | | A gas capable of absorbing infrared radiation emitted from Earth's surface | | | The clearing or thinning of forests by humans to make the land available for | | | An area of land that is usually dry is covered with water | |
| 5 |  | Natural Greenhouse | |  | Fossil fuels | | | Adaptation | |
| | | keeps the Earth warm | | | Remains of dead organisms that are burned as fuels, releasing carbon | | | Actions taken to adjust to natural events. | |
| 6 |  | Tropical Cyclones | |  | Ocean current | |  | Saffir-Simpson Scale | |
| | | An intense circular storm that originates over warm tropical oceans and is characterized by low atmospheric pressure, high winds, and heavy rain. | | | A continuous and direct movement of sea water generated by forces on the water. | | | Hurricane Wind Scale is a 1 to 5 rating based only on a hurricane's maximum sustained wind speed | |
| 7 |  | Sun spot | |  | Waste management | | | Mitigation | |
| | | Dark spots on the Sun that increase the amount of energy Earth receives from | | | The collection, transportation, disposal and monitoring of waste that is | | | Action taken to reduce or eliminate the long-term risk | |

Question Grid

Ask better questions.

| | IS? PRESENT | DID? PAST | CAN? POSSIBILITY | WOULD? PROBABILITY | WILL? PREDICTION | MIGHT? IMAGINATION |
|----------------------|----------------|--------------|---------------------|-----------------------|---------------------------|-----------------------|
| WHAT? EVENT | | | | | | |
| WHERE? WHERE/WHEN | | Factual | | | Predictive | |
| WHEN? CHOICE | | | | | | |
| WHO? PERSON | | | | | | |
| WHY? REASON | | Analytical | | | Application/ Synthesis | |
| HOW? MEANING | | | | | | |

1



2



Each week:

1. Create one factual, one predictive, one analytical, and one application/synthesis question about the week's location. Research this location and answer your own questions ready for next lesson.
2. Learn this week's key words on the knowledge organiser.

3



4



5



6



7

