**10 SCIENCE EARTH AND SPACE SCIENCE ASSIGNMENT**

OZONE



Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Teacher:\_\_\_\_\_\_\_\_\_\_\_\_

Form:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Due date:\_\_\_\_\_\_\_\_\_\_\_

**Aim:** In 1930, General Motors and DuPont formed the Kinetic Chemicals Company to produce the chemical Freon. Freon is a type of CFC. Most uses of CFCs are now banned or severely restricted by the Montreal Protocol.

Your task is to find out the uses General Motors and DuPont had for Freon. What was the Montreal Protocol and why did the protocol ban Freon and other CFC chemicals? What are some long term impacts of chemicals like Freon?

**IMPORTANT INFORMATION**

**Format**

Write in an essay format: introduction paragraph, main body paragraphs, conclusion paragraph.

Include a reference list at the end.

**Referencing**

You must reference your information.

Include a minimum of 3 references.

Use the referencing style in your school diary.

**Plagiarism**

This assignment is to be done individually, not with a partner.

You must write in your own words not copy sentences word for word from another student or another source.

Plagiarising = instant zero on assignment and you will have to re-do it.

**Hints**

There is some information in your text book you can use and reference.

**MARKING KEY**

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| --- | --- | --- | --- |
| **Content** | **Description** |  | **Your**  **mark** |
| Introduction  paragraph |  | 2 |  |
| Body  paragraphs | Freon and CFC uses.  Description of Montreal Protocol.  Why CFCs were banned - impacts of CFCs on ozone.  Long term impacts of ozone depletion. | 5  2  2  4 |  |
| Conclusion  paragraph |  | 2 |  |
| Referencing | Minimum of 3 references  Variety of sources  Referenced in correct format | 1  1  1 |  |
| Presentation | Correct essay format.  Correct spelling.  Correct grammar, full sentences.  Written neatly or typed up neatly.  Uses appropriate scientific language. | 1  1  1  1  1 |  |
| **Total mark** | | 25 |  |