GLOBAL WARMING ‘MIND MAP’

The burning of fossil fuels (a non-renewable resource) has led to a major global issue: Global Warming, also known as Climate Change.

To help you to organize the information that you are learning and to add to your growing knowledge, you will construct a loverly ‘mind map’. We will discuss how to do this in class.

***Mind maps present your information visually and have common elements:***

1. The **central image** and **subject** being mapped is located in the **centre**.
2. Detailed **themes, ideas or concepts** radiate out from the central idea.
3. **Connectors** branch ideas from the themes together.
4. **Visuals** and **colour** to clarify the information presented**.**
5. **Words** to identify main ideas or concepts.
6. The more information you can include, the better.

Use the following as a guide to know what to include (and where) on your map:

* Place ‘Global Warming’ in the center of your map.
* Subheadings could include:
	+ *What is global warming?*
		- Greenhouse effect
		- What causes global warming?
		- Facts about global warming
	+ *Why is global warming an issue?*
		- Use your note to include the 4 criteria
	+ *Impacts of global warming (each can be a subheading)*
		- Facts and information about each of the impacts

Resources Include:

* The course textbook – pp. 495-497
* Library books
* Internet websites (World Wildlife Fund, Live Science, David Suzuki)

**Rubric for Global Warming Mind Map**

Name**:**

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| --- |
| **Performance Indicators** |
| **Criteria** | **Level 1** | **Level 2** | **Level 3**  | **Level 4**  |
| **Central Image** **/ 5** **(Thinking)** | Not clear; difficult to separate from other information on the mind map. | Present; not eye catching or memorable. Not really linked to global warming. | Clear; use of picture or image relates to global warming. | Stands out; meaningfully grasps global warming. |
| **Ideas radiate out from the central image and from most to least complex****/ 5****(Application)** | Little or no indication that ideas are connected to and radiating out from centre, from most to least complex. | Ideas radiate out from centre, some confusion as you follow ideas moving from most to least complex. | Ideas clearly connect to central image and ideas, and for the most part move from most to least complex. | Ideas clearly connect to central image and ideas consistently and accurately shift from most to least complex. |
| **Ideas have key images or key words****/ 10****(Thinking)** | Little or no evidence of key images. May have a few keywords or vice-versa. | Images and keywords are evident, but either too few or imprecise. | Images and keywords clearly show an understanding of the content, although not memorable. | Dynamic use of images and keywords. They clearly connect to central image. See use of metaphor, humour, cut-outs from magazines, clipart, etc. |
| **Colour or codes or links are used to illustrate connections between ideas** **/ 5 (Communication)** | Little to no use of colour, codes or links to illustrate connections between ideas | Obvious attempt is made to use colour, codes or links to enhance clarity and memory. Still a bit confusing. | Clearly uses colour, codes or links to clarify connections and to assist with memory for most aspects of Mind Map | Effectively uses colour, codes, or links to meaningfully clarify connections for all aspects of Mind map |
| **Depth of coverage** **/ 15****(Knowledge)** | Insufficient coverage of content covered. Very little effort is made. | Shows a basic level of coverage of key ideas but little extension of ideas. | Shows a solid grasp of most of the content and shows extensions of most key ideas. | Shows a solid grasp of all the content covered. Extensions of the key ideas show a deep understanding of that content. |

Mark: / 40