**Climate Change in the Arctic**

**Mieke Mike Letter – Check-bric**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **4** | **3** | **2** | **1** |
| Language - Writing | 1. Developing and Organizing Content | 1.3 Gather information to support ideas for writing |  |  |  |  |
| 1.5 Identify and order main ideas and supporting details and group them into units that could be used to develop a multi-paragraph piece of writing |  |  |  |  |
| 1.6 Determine whether the ideas and information they have gathered are relevant, appropriate and sufficiently specific |  |  |  |  |
| 2. Using Knowledge of Form and Style in Writing | 2.1 Write complex texts of different lengths using a wide range of forms |  |  |  |  |
| 2.2 Establish a distinctive voice in their writing appropriate to the subject and audience |  |  |  |  |
| 2.3 Regularly use vivid and/or figurative language and innovative expressions in their writing |  |  |  |  |
| 2.4 Vary sentence structures to give their writing rhythm and pacing by using a variety of connecting and/or introductory words and phrases |  |  |  |  |
| Science | Understanding Life Systems: Interactions in the Environment | 1. Assess the impact of human activities and technologies (that produce greenhouse gasses) on the environment |  |  |  |  |
| 1.1 Assess the impact of technologies (that produce greenhouse gasses) on the environment |  |  |  |  |
| 2. Investigate interactions within the environment, and identify factors that affect the balance between different components of an ecosystem |  |  |  |  |
| 2.3 Use scientific research skills to investigate occurrences that affect the balance within a local ecosystem |  |  |  |  |
| Geography | The Themes of Geographic Inquiry | Analyse current environmental issues (climate change) from the perspective of one or more of the themes of geographic inquiry (environment, region, interaction) |  |  |  |  |
| Apply the perspective of one or more themes of geographic inquiry to produce a report on an actual environmental event |  |  |  |  |
| Natural Resources | Describe positive and negative ways in which human activity can affect resource sustainability and the health of the environment |  |  |  |  |
| Produce a report on the factors that affect the future availability of natural resources |  |  |  |  |