**Plate Tectonics**

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| **Big Idea** | **Access Point** | **Emerging** | **Developing** | **Proficient** | **Extending** |
| The theory of plate tectonics is the unifying theory that explains earths geological processes | Can recognize geological processes and formations (earthquakes, volcanoes, mountains) | Can identify the layers of the earth and recalls the different observable effects of plate tectonics | Demonstrates how different plate boundaries form and move, Makes connections between plate boundaries and geological formations | Evaluates evidence from secondary sources, including Indigenous knowledges related to the processes of creation of landforms | Hypothesizes social, ethical, and environmental implications of plate tectonics from their own and others’ investigations and discusses their implications to different cultures (e.g. Indigenous). |