**Mathology Grade 1 Correlation – Alberta**

**Master 1**

**Data Management Cluster 1: Data Management**

**Organizing Idea:**

Statistics: The science of collecting, analyzing, visualizing, and interpreting data can inform understanding and decision making.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Guiding Question:** How can data be used to answer questions about the world?  **Learning Outcome:** Students investigate and represent data. | | | | |
| **Knowledge** | **Understanding** | **Skills & Procedures** | **Grade 1 Mathology** | **Mathology Little Books** |
| Data can be collected information. | Data can be answers to questions. | Share wonderings about people, things, events, or experiences. | **Data Management Cluster 1: Data Management**  3: Data in Our World | Graph It! |
| Gather data by sharing answers to questions. | **Data Management Cluster 1: Data Management**  1: Making Concrete Graphs  2: Making Pictographs | Graph It! |
| A graph is a visual representation of data.  A graph can represent data by using objects, pictures, or numbers. | Data can be represented in a graph. | Collaborate to construct a concrete graph using data collected in the learning environment. | **Data Management Cluster 1: Data Management**  1: Making Concrete Graphs  4: Consolidation | Graph It! |
| Create a pictograph from a concrete graph. | **Data Management Cluster 1: Data Management**  2: Making Pictographs  4: Consolidation | Graph It! |