**Water Cycle**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Big Idea** | **Emerging** | **Developing** | **Proficient** | **Extending** |
| Water is essential to all living things, and it cycles through the environment | Recognizes that water is crucial to life on Earth | Understands that all humans, plants, and animals need water to survive | Analyzes how and why water is necessary for human, plant, and animal survival, with consideration of Indigenous values and beliefs about water | Shows critical understanding of the importance of water (ie. can consider the devastating impact of a lack of water for life on Earth) |
| Recognizes that our planet has a water cycle | Appreciates and is able to describe basic components of the Earth’s water cycle (consisting of evaporation, condensation, precipitation, and collection) | Elaborate on the interdependence of the four main stages involved in the Earth’s water cycle, including the cause and effect of each stage | Can consider the criteria involved in differing environments, that affect the water cycle particular to location |
| Recognizes that water is an integral component of human life | Investigates, observes, and develops an understanding of how water is used for everyday living | Can explain why it is important for humans to lessen their consumption of water, with consideration of Indigenous values and beliefs, and can list several ways to reduce water usage | Assesses the consequences of the overconsumption of water |