**GRADE 2 PBL**

**Science Big Idea:** Water is essential to all living things, and it cycles through the environment

**Math Big Idea:** Concrete items can be represented, compared, and interpreted pictorially in graphs

**Social Studies Big Idea**: Local actions have global consequences, and global actions have local consequences.

**Social Studies Big Idea**: Individuals have rights and responsibilities as global citizens.

**ELA Big Idea:** Curiosity and wonder lead us to new discoveries about ourselves and the world around us.

**The BC government is concerned about the rising rates of fresh water usage. People are using too much water, and BC is getting less rain and hotter summers.**

1. Measure the amount of water you use
   1. When you wash your hands
   2. When you brush your teeth
   3. For drinking each day
   4. Each time you flush the toilet
2. Add up the results – how much water do you use each day? Make a graph of your group’s use of water.
3. Research how water is gathered in your community – where does your drinking water come from? Where does it go?
4. Think about other uses of water – cleaning your house, cooking food, watering the lawn, and more. How could you and your family reduce the amount of water you use?

Present your proposal to the panel of experts (teacher/parent/student rep).