**Extension Activity**

|  |  |
| --- | --- |
| **Activity Title:** Water Cycle in a Bottle | **Duration:** 30 minutes  |
| **Objective:** |
| In this activity, students will learn about the water cycle by creating a water cycle in a clear plastic bottle or plastic clear bag.* Suitable for Grades K-2
 |
| **Introduction:** |
| * Discuss and cover with the class all the different ways they use water.
* This can be done on chart paper or a board
* Discuss the stages of the water cycle and how water moves through the cycle
* GoNoodle Video – Water Cycle

<https://www.youtube.com/watch?v=KM-59ljA4Bs>* Length of video: 3.16 minutes
* Feel free to get the class up and dance/move along to the actions of the song
 |
| **Materials:** |
| * Cleaned plastic water bottles with the cap OR resealable plastic bags (one per student or one per group)
* Sharpie marker
* Tap water
 |
| **Procedure:** |
| * Draw the water cycle with a sharpie on the bottle or the Ziploc bag, be sure to include
* Lake, land, clouds, sun
* Fill the plastic bottle or Ziploc half-way with water
* Tape the Ziploc bag to a classroom window that gets exposure to sunlight or set the plastic bottle near the window
* Watch what happens to the bottles and bags over the day
 |
| **Conclusion:** |
| * Write down or draw what you notice
* What causes the water droplets to appear in the bag/bottle?
* Go out and observe and reflect on what you see outside:
* What happens to puddles in the school yard
* What have you learned about water?
 |