**Extension Activity**

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| **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? | |