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| Title  Water Cycle | | | Date:  Class: |
| Link to National Curriculum: Sc1 2f, 2j, 2k; Sc3 2b, 2c, 2d. | | | |
| Learning objectives:   * Understand changes of state including evaporation and condensation * Have knowledge of the key stages in the water cycle | | | |
| Resources   * Worksheet “water cycle” * Large bowl, small bowl, cling film, small weight | | | |
| Risk Assessment  **Hazard:** Water use  **Precaution:** Mop up any spills immediately  **Risk**: very Low | | | |
| Lesson Outline | | | |
| Structure | Time | Activity | |
| Starter | 5 mins | Ask the children if they can name some places we find water. Write some answers onto large labels | |
| Introduction | 10 mins | Explain the various parts of the water cycle using some of the labels produced. Make the connection that liquid water can evaporate into a gas and condense back into a liquid. | |
| Activity | 30 mins + split lesson onto a following day | Get the children to build a mini water cycle. Take the large bowl and put a couple of centimetres of water into it. Place the small bowl inside the large bowl being careful to keep the small bowl free of water. Cover the large bowl with cling film and place a small weight over the small bowl. Place in a warm/sunny spot for a few days to observe the water collected | |
| Plenary | 5 mins | Go over the key principles. Lead on to cloud formation and the other aspects which might affect the shape of a cloud (temperature, winds etc) | |
| Differentiation / Assessment opportunities  Ask the children to draw a detailed water cycle including labels and arrows and include incidences of evaporation and condensation | | | |