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| **Year Group - 5 & 6** | | **Date – Term One** | |
| **Curriculum Links** | Sc5/1.3    recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, and bar and line graphs Sc5/1.4    using test results to make predictions to set up further comparative and fair tests  Sc5/2.1b    describe the life process of reproduction in some plants and animals.  Sc6/2.1a    describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals  Sc6/2.3c    identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. | | |
| **Introduction and Activity Opportunities** | **Indoors**  Explain that we are completing an eco-challenge about water   * Watch the film on <https://www.waterexplorer.org/home>   **Main Activity – In the outdoor classroom**   1. **Complete the challenge – Clean that Water Up** 2. [**https://www.waterexplorer.org/files/1.\_c4fw01\_teacher\_resource.pdf**](https://www.waterexplorer.org/files/1._c4fw01_teacher_resource.pdf) 3. **How can we clean water?** 4. **Why shouldn’t we drink dirty water?** 5. **Set up your own experiment to clean the water that you have made that is muddy.** | **Health and Safety**   * Wash hands after touching outside objects * Careful not to flick the mud * No licking fingers | **Equipment**  Pipets  Measuring jugs  Sieves  Tissue  Paper  Filter paper  funnels  **Vocabulary**  Water  Filter  Clean |
| **Plenary** | How can we take this home with us – can you pledge to save water at home?   1. Extension - **Catch rain drops on tissue paper** 2. **Make posters for the toilets reminding people to turn off the tap** 3. **Make a pledge as to how you are going to save water.** |  |