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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 graphsSc5/1.4    using test results to make predictions to set up further comparative and fair testsSc5/2.1b    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 animalsSc6/2.3c    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** PipetsMeasuring jugsSievesTissuePaperFilter paperfunnels**Vocabulary**WaterFilterClean  |
| **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.**
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