

Water

Sustainability Strategy Ideas

- Assign a member of the group to check taps are leak-free and turned off when not in use.
- Collect rainwater to water plants within the building.
- Run a publicity campaign to encourage young people and families to turn off the tap when brushing their teeth, while applying soap to their hands etc.
- Research which foods use the most water and campaign to have the use of these reduced either within and/or out-with the school or group building.
- Paint yellow fish on the floor next to storm drains, to highlight that only rainwater should end up in the drain.
- Explore the topic of Period Poverty – assess water hygiene management strategies within the building.
- Contact your STEAM Mentor to discuss additional water management strategies.

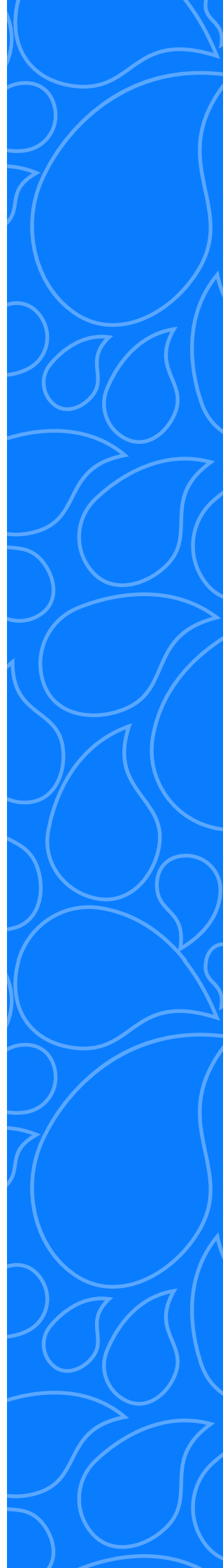


Introduction Activity

We recommend consulting the Water resources from the [Butterfly Effect](#) primary program for ideas on how to explore this topic.

Additionally, you could introduce the theme using this short activity:

Activity	<p>Ask each member of the group to keep a “water diary”.</p> <p>This involves considering every time they interact with water over the course of the day, from drinking, to washing to water they come across in the street or other outdoor location.</p> <p>Bring these back to the whole group and divide the group up into teams. Each team should then, for as many different types of these interactions as possible, calculate and assess:</p> <ul style="list-style-type: none">▪ The volume of water (this may involve using the internet to find out average water use in a shower etc)▪ The type of water (drinking standard, salt water, fresh water, dirty water etc)▪ How the water got to and from that location▪ What processes that water needs to go through, if any, to be useful in a new way again.
Resources	Paper and pens, devices with internet access.
Discussion Points	<ul style="list-style-type: none">▪ Where is water wasted?▪ What is the environmental impact or water waste?▪ How can water waste be reduced?



Careers Information

Below is a list of job roles associated with water. Use internet search results, and [Jacobs.com](https://www.jacobs.com), to research each job title and find out what they do!

Additionally, here are pre-recorded videos from professionals at Jacobs that can provide more insight into some water related jobs:

- [Aquatic Ecology](#)
- [Water Catchment Management](#)
- [Regulated Water](#)

Jobs Titles

- Water Hygiene Engineer
- Water Safety Manager
- Plumber
- Water Monitoring Technician
- Water Quality Technician
- (Surface) Water Drainage Engineer
- Water Resources Engineer
- Hydrologist
- Water Catchment Management
- Wastewater Technician

