

Water education learning concepts

These ideas will help you put water education into the classroom. The learning concepts get more complex as you move further down the list.

Water and the natural environment	Stormwater and waterways	Water and health
		
<p>BASIC</p> <ul style="list-style-type: none"> Floating/sinking Weather and seasons Properties of water Oceans Growing seeds Evaporation Clouds States of water The water cycle Water and wildlife Erosion Wetlands Water pollution Salinity Ecosystems Sustainability Rainforests Searching for water Water for life Worm farming Frog garden Catchment modelling Water catchment areas Oil spills Filtering water Biodiversity Desert survival Coastline management Cave water systems Aquifers Water resources Forest management Climate change Water and agriculture <p>COMPLEX</p>	<ul style="list-style-type: none"> Where does the rain go? Importance of drainage Litter in drainage Collecting rainwater Drainage in history Lakes Boating Soakwells Water runoff School drainage Protecting waterways Catchments The stormwater path Reduce, reuse, recycle Waterway systems Stormwater reuse Phosphorus Awareness Project Rainwater harvesting Guttering Fertilisers and herbicides Water and energy Stormwater pollution Flooding Weathering of structures The water industry Effects of urbanisation Wetlands Habitats Algae bloom Ecosystems Oil/chemical spills Waterway monitoring Waterway rehabilitation Urban water management 	<ul style="list-style-type: none"> Why water is good for our bodies Washing food Sweating Washing hands Water intake Water and body parts Uses of water Swimming Water and hygiene Lifesavers Nutrition Water and sport Aesthetics of water Health benefits of water Cooking with water Chlorine and fluoride Disease prevention Drinking water survey Water borne diseases Water sanitation Treatment of water Hydration Sources of contamination Food production Drinking water guidelines The urinary system Laws and regulations Monitor water quality The value of water Thirst Dehydration Water content in food Hydrotherapy

Water supply	Water conservation	Wastewater
		
<ul style="list-style-type: none"> Rain gauge Catchment areas Reading water meters Water restrictions Water supply history C.Y. O'Connor Pipelines Uses of water Soil types and absorption Home use survey Water and transport Rainwater tanks Population growth Water measurements The water cycle Dams Groundwater Aquifers Artesian bores Water costs Water filtering Windmills Reticulation systems Third world issues Water pollution effects Water around the world Desalination Aboriginal methods Water and tourism Hard and soft water Local supply system Sustainability Hydroelectricity Emerging technologies 	<ul style="list-style-type: none"> Turn off taps Leaking taps Dual-flush toilets Uses of water Pool covers Letters to the editor Home survey Meter reading Home water use percentage Water needs and wants Occupations that use water Smart water use Waterwise attitudes Water awareness programs School water audit Waterwise farming Water restrictions Sprinkler rosters Shorter showers Waterwise tips Waterwise gardening Mulching Water efficient appliances Reticulation Save water and money Advertising Water in mining Sustainability Waterwise inventions Water efficiency labelling scheme Climate change International perspective Behaviour change 	<ul style="list-style-type: none"> What goes down the toilet/sink Toilets need to be flushed Toilet papers Oil and fat with water The wastewater path Wastewater treatment plant Wastewater history Filtration Plumbing Pipe systems Blockages Waste disposal Water pollution Wastewater treatment Health issues Sewerage systems Wastewater pumping Septic tanks Alternate wastewater uses Grey water Black water Chemicals Wastewater infrastructure International perspective Health issues Water quality Water recycling Zoning strategies Microbial processes Wastewater characteristics Sanitation Reverse osmosis Groundwater replenishment <p>COMPLEX</p>