

## Ideas for integrating Water into the Curriculum using Domains and Learning Focus Levels

		Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
<b>Physical, Personal and Social Learning</b>	<b>Health and Physical Education</b>	Participating in outdoor activities to re-engage with nature; eg swimming and walking at the beach or river environs; Importance of clean water to health; Availability of fresh water to population- compare Australia to lesser developed countries; Water Olympics; Importance of drinking enough water every day, especially after exercise.					
	<b>Interpersonal Development</b>	Working and learning in teams; Peer leaders working with younger students to maintain water saving systems; Understanding water problems globally- diff cultural beliefs/behaviours; How do we affect other countries environments? eg GHG emissions ↑ sea level in pacific; Social responsibility to look after environment; Water saving role play; Involvement with local Friends of Creek group.					
	<b>Personal Learning</b>	Setting goals and managing resources; recognising and enacting appropriate values within and beyond personal context; Think Globally, Act Locally, Respond Personally; How can students positively contribute to decreased water usage?; Use different learning centres; Guest speakers on water topics; Tree project- growing trees for others to benefit environment.					
	<b>Civics and Citizenship</b>	Clean Up Australia Day in a creek /beach scape	Permanent water saving rules	National Water week, waterwatch	Sponsor a water aid project	Environmental protection laws/save water campaign	Stewardship of a local waterway
<b>Discipline-Based Learning</b>	<b>The Arts</b>	Sketch auditing of school physical env. - water, weather	Dance to music with water themes	Photographic exhibition of waterway pollution	Analysis of Aus. artwork & links to rainfall patterns	Responsive art works discussing a world with little water	Exploration of musical works with water themes
	<b>English</b>	Exposure to big books with physical /water environment settings	Creative story about a fish or water mammals	Poetry based on water themes - Hiku	Debate consequences of water use, given it is an finite resource	Creative writing piece based on living in an underwater world	Debate/argumentative essay on whaling issues
	<b>Humanities</b>	*Save money by saving water	*Mapping water resources	*Water use and management			
	<b>Economics</b>	* Weather	*Different types of water courses	*Climate	World water ecofootprints	2030 trail & future scaping-H2O issues	Social justice / Triple Bottom Line reports
	<b>Geography</b>	* Water catchments- where your water comes from	*Cultural variation in water usage	Weathering/erosion	Flooding & drought- climate change desalination option?	Trad vs Modern farming practices - irrigation etc	River systems Global warming and Sea level rise
	<b>History</b>	*Journey of a river	*My family- childhood and playing in water	*Settlement & H2O eg Egypt/Nile delta	Melbourne sewerage/water	Ancient Myths - Atlantis	Decade of ed'n for Sustainable Dev. Water Aid
	<b>Languages Other Than English</b>	Songs/dance with water themes	Fish meals/recipes of your LOTE country	The Ganges, Yantze/Huang He, Sein, Rhine - rivers	LOTE country aqu-atic endangered species	Mapping of LOTE country endangered species	Cultural significance of H2O, its use in different countries
	<b>Mathematics</b>	Weather monitoring	Water audits - leaks & drips (volume, fractions)	Auditing: water usage and conservation		Statistical analysis -Rainfall -Waterway health	Hydro electricity generation- efficiency, Hydro power formula
	<b>Science</b>	Seasons. What happens when rain fails?	States of H2O growing plants from seed- H2O needed	Water cycle H2O is precious / how to save water	Water watch marine foodchains tides	Human impact on Marine or aquatic ecosystems	Renewable energy (hydro), hydrogen economy
<b>Interdisciplinary Learning</b>	<b>Communication</b>	Establish rules for using water	Oral presentation on what marine animals need to survive	Oral presentation of poster/ poetry /powerpt (save water)	Interpret why changes have occurred in local creek system (project)	Water marketing campaign using a variety of media	Produce a documentary on the Great Sth Ocean/ water related issue
	<b>Design, Creativity &amp; Technology</b>	Water play	Making pots to grow plants in, make bag to carry library books	Design a frog bog calculate best spot to place H2O tank	Create model of water cycle	Design a swimming pool or dam and calc. its capacity.	Make a water feature or sculpture
	<b>ICT</b>	Play computer games involving water	Collect data (eg weather), enter onto spreadsheet & chart	Internet search on water issue eg water pollution	Use of email/online forums to share & gain information	Create website/blog related to water issue/campaign	Set up a spread sheet for school water use
	<b>Thinking</b>	Classification of objects containing H2O	Explanation of data collected by water audits	Identify ways to reduce water usage & waste	Local community project- presentation	H2O Gods & their functions. Role play destruction of Mars	Explore the surfers philosophy on coastal protection