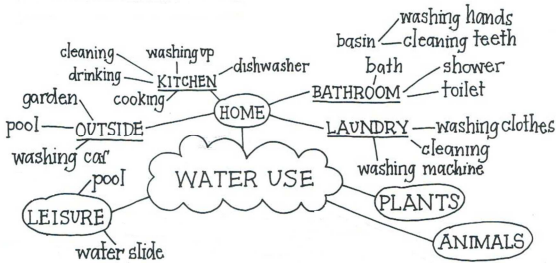


Teacher lesson plan Early Stage One – How do we use water?		Sydney WATER
KLAs : HSIE, Science and Technology	Class :	
<p>Outcomes and indicators:</p> <p>Human Society and its Environment</p> <p>ENS1.6: Demonstrates an understanding of the relationship between environments and people.</p> <p>Science and Technology</p> <p>STe-4WS: Explores their immediate surroundings by questioning, observing using their senses and communicating their observations and ideas.</p> <p>Australian Curriculum</p> <p>ACSIS014: Responding to questions about familiar objects and events they are curious about in the natural and made environments.</p> <p>ACSIS233: Engaging in discussions about observations and using drawings to represent ideas.</p>		<p>Resources provided</p> <ul style="list-style-type: none"> • Interactive whiteboard (IWB) resource – ES1 <i>How do we use water?</i> • <i>How we use water</i> activity sheet. <p>Sydney Water webpages to support this lesson plan</p> <ul style="list-style-type: none"> • Water in my home. • Water in our school. • Be a water citizen. <p>Resources required</p> <ul style="list-style-type: none"> • IWB with internet connection or computer and data projector • Colouring pencils
<p>Cross curriculum priorities</p> <p>Sustainability</p>		
<p>General capabilities</p> <p>Students will learn about:</p> <ul style="list-style-type: none"> • the importance of water for everyday activities like washing, cleaning and flushing the toilet • where water is used around the home • where water in homes comes from. <p>Students will learn to:</p> <ul style="list-style-type: none"> • value the importance of fresh water in our everyday lives • use water wisely. 		

Teaching and learning This lesson sequence involves students classifying water into home and school use, identifying where water is used in a typical day and understanding the need for a clean water supply and to not waste water. The learning sequence involves three lessons, designed so teachers can use all or part/s of the sequence best suited to the needs and interests of the class and time available.	Assessment	Register & Evaluation	Timing	Resources
Register Lesson 1 - Classifying water use into home and school use 1. In the classroom, brainstorm all the ways students use water at home and school.  2. Using IWB device label and drag pictures under headings <i>Using water at home and Using water at school</i> . Ask the students to drag the pictures under the correct heading. Discuss with the class if their placement is correct. Some pictures, like watering the garden, may go in either category (use copy to achieve this on IWB). Write any other water uses the class can think of under the correct heading.				
Lesson 2 – Creating a water time line 1. Discuss with students how they use water in a typical day. Using the IWB resource allows students to drag and drop				

pictures as to how and when water is used over a typical day. For example, ask students which activity would use water first thing in the morning. The student with a flushing toilet picture would place their picture first on the left hand side of the board.

A typical water timeline might be:

Before school	At school	After school	Evening
1. Flush toilet	7. Flush toilet	11. Have a drink	15. Help wash and cook food
2. Wash hands	8. Wash hands	12. Help Mum water the garden	16. Help wash crockery or stack dishwasher
3. Have a drink	9. Drink from bubbler	13. Swim in pool	17. Water pets
4. Shower	10. Wash paint brushes	14. Help Dad or Mum wash the car or dog	18. Clean teeth
5. Wash breakfast dishes			19. Shower or bath
6. Water pets			

3. For each activity in the timeline, discuss what would happen if there was no clean water available, eg

1 - toilet would be smelly, 2 - hands would be dirty, 3 - we would be thirsty, 4 - body would be smelly and dirty.

Reflect and discuss how important water is for our daily lives.

Lesson 3 - The importance of using water wisely

1. Recap using the above examples how precious water is and why we should use it wisely.

	<p>Use <i>How we use water</i> sheet to discuss the different ways people use water at home.</p> <p>2. Discuss how the people are using water wisely by:</p> <ul style="list-style-type: none"> • washing the car with a bucket instead of a hose • brushing teeth with the tap turned off rather than leaving it running • having a short shower (or shallow bath) • using the half flush button on the toilet • making sure the dishwasher is full before using it (or only filling the sink to cover the dishes needing to be washed) • using a trigger nozzle to water plants to control the amount of water and not waste it • sweeping up leaves instead of hosing them. <p>3. Students draw a picture of someone using water wisely and take them home to show their parents.</p>				
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