

Lesson Plan (P-Y3)

Lesson:			
Age Group (Grades): P-3		Lesson duration:30-45 minutes	
Aim: Students understand the types of water infrastructure Sunwater manages/operates across Queensland and the importance of safety when interacting with these assets.			
Links with curriculum (Codes):			
ACSSU002 ACSSU211 ACSSU019 ACSSU032	ACPPS003 ACPPS006 ACPPS007 ACHASSK031	ACELY1646 ACELY1650 ACELY1656 ACELY1660	ACELY1666 ACELY1676 ACELY1682 ACAVAM108
Key Vocabulary:			
Dam Weir Water Channel		Danger Hazard Risk	Warning Sign Safety
Content		Resources	
Focus Questions: <ul style="list-style-type: none">• Why do we have dams, weirs and water channels?• What is the difference between a dam, weir or water channel?• What could be dangerous about visiting a dam, weir or water channel?• What can you do to stay safe around dams, weirs and water channels?• 		<ul style="list-style-type: none">• PowerPoint Presentation• Activity plans• Activity resources	
Activity Options			
Interactive story Students will enjoy an interactive story about a trip to one of Sunwater’s recreational use dams. The story will teach students about types of infrastructure, common hazards, rules of use and enjoying themselves safely.			
What’s the warning? Students will be asked in a question response format to interpret different signage, and whether different factors make situations more or less safe.			
What’s the infrastructure? A pixelated image of a dam, weir or water channel will slowly be made clear to students along with clues about what type of infrastructure the image is depicting.			

Play Safe

Students will be given labels for types of infrastructure, hazards, warning signs and safe activities that they can match to a map or poster. Students can work in small groups or it can be completed as a whole class.

Invisible hazards

Students will take turns putting their hand into a box while blindfolded to touch and feel some of the 'hidden dangers' that they could experience when visiting a dam. The types of dangers would be swapped for each student by the educator for different reactions and discussion points.

Evaluation

- Can students identify different types of water infrastructure?
- Can students provide at least one purpose for a dam, weir or channel?
- Can students explain at least one danger associated with visiting water infrastructure?
- Can students correctly identify the meaning of key signage?

Additional resources

How Dams Work	https://www.sunwater.com.au/wp-content/uploads/Home/Community/Preparing-for-weather-events/Understand%20your%20catchment/How%20Sunwater%20dams%20work.pdf
Preparing for weather events checklist	https://www.sunwater.com.au/wp-content/uploads/Home/Community/Preparing-for-weather-events/Be-prepared/Preparing%20for%20weather%20events%20checklist.pdf
Sunwater Assets	https://www.sunwater.com.au/community/sunwater-assets/
Videos	https://www.youtube.com/@SunwaterLimited/videos