

PUMPED HYDRO

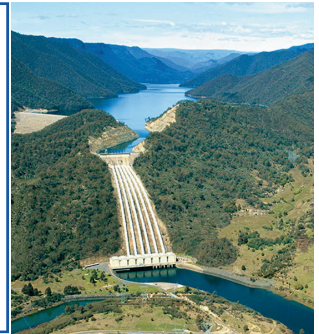
LEARN MORE

Preschool

Exploring turbines: Water wheel (*Hands-on activity*)
<https://littlebinsforlittlehands.com/how-to-make-a-water-wheel/>

Exploring gravity: Marble run (*Hands-on activity*)
<https://louisapenfold.com/marble-run-recycled-materials/>

Exploring water cycle: Water cycle in a bag (*Hands-on activity*)
https://youtu.be/NAtvNFF-6oU?si=uX4fUe_klkHOXxPU



Snowy Hydro, Australia

Primary

Falling water (*Hands-on activity*)
https://www.teachengineering.org/activities/view/cub_energy2_lesson08_activity1

Make a water turbine (*Hands-on activity*)
<https://youtu.be/gDGo9hVO5zA?si=wh5F1VnIHtUKba6s>

Weathers role in hydropower (*Lesson*)
<https://www.snowyhydro.com.au/education-resources/weather/>



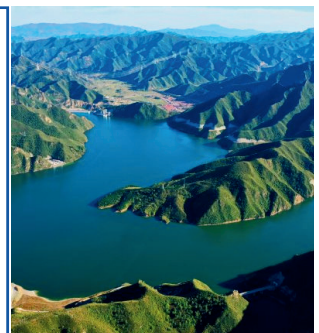
Yangyang, South Korea

Secondary

Discover pumped hydro (*Hands-on activity*)
<https://www.hydro.com.au/sites/default/files/2025-12/lesson-plan---discover-pumped-hydro.pdf>

Dams and reservoirs: Transforming the energy of water (*Lesson*)
<https://www.snowyhydro.com.au/education-resources/dams-reservoirs-energy-transformation/>

STEM Futures: Understanding hydropower (*Lesson Plans*)
<https://cool.org/unit/stem-futures-understanding-hydropower>



Fengning, China

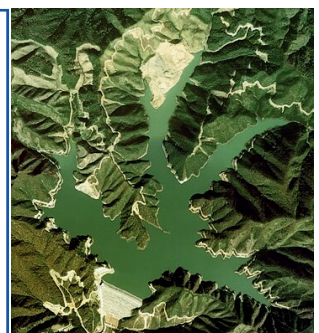
Community

What is Pumped Hydro (*Video*) https://youtu.be/_PH0IJ-_q0I

Hydro Heights (*3D Diagram*)
<https://youtu.be/WnndzmuhCsE?si=9lQjmB-rR0DICuck>

The biggest batteries on earth (*Pre-recorded Webinar*)
<https://awschool.com.au/training/pumped-hydro/>

NSW Pumped Hydro Roadmap (*Website*)
<https://www.energy.nsw.gov.au/nsw-plans-and-progress/major-state-projects/shift-renewables/pumped-hydro-roadmap>



Otutataragi, Japan

Learn more about WaterNSW's pumped hydro energy storage plans at:

<https://www.waternsw.com.au/water-services/renewable-energy-and-storage-program>