

Curriculum links

Take Action for Water can be taught as a 'topic based' unit or as an integrated unit covering many curriculum areas. Identified below are the most suitable strands within each curriculum area and how they could be applied to a learning opportunity.

Science: Planet Earth and Beyond; Level 3 or 4

Learning opportunity: Having identified a need for caring for the local stream, students could investigate how it has become polluted, and how it can be fixed and maintained in the future.

Social Studies: Resources and Economic Activities; Level 3 or 4

Learning opportunity: Students could investigate the different ways people view and use a stream, the pollution caused by these uses, and the consequences of water pollution.

Technology: Strands A, B and C; Level 3 or 4

Learning opportunity: Students could research the different technologies that conserve water. Students could then investigate where water is used most in their school, and design a device that reduces water consumption. Interviews of users, research on water technologies and designing a prototype are all part of the process. Students could set a goal to reduce the amount of water used in a school by say 30%, saving the school money.

Health and Physical Education: Healthy Communities and Environments; Level 3

Learning opportunity: Students could investigate how pollution enters streams. They could then monitor a local stream to see what type of pollution is affecting it. From these results a procedure to restore the stream could be put in place. The students then take on an action project that will help restore the stream.

The Arts: Strands B and C; Level 3 or 4

Learning opportunity: Students could use the arts to communicate a message about pollution prevention to a specified audience. Dance, drama, music and the visual arts could all be explored in this context.

English and Mathematics

Learning about the environment and undertaking an action project will inevitably involve aspects of both of these curricula.

The Essential Skills

Undertaking an action project will provide great opportunities for the students to develop the following: Communication Skills, Numeracy Skills, Information Skills, Problem-solving Skills, Social and Co-operative Skills, Physical Skills and Work and Study Skills.