



LOOKING TO THE FUTURE

Nelson Nature is keen to support and recognise the work being done by some of our hardest working environmentalists – school students of all ages and their teachers and supporters.



Nelson College Geography teacher David Purdie with students Tim Samson, Matt French and Hugo Busby at Orphanage Stream.

NELSON COLLEGE AND ORPHANAGE STREAM

Nelson College geography students have been studying urban stream catchments to assess the impact of urban modifications on water quality, and what can be done to improve it. Study sites were in Orphanage and Brook Streams.

The studies showed that the more a stream interacts with the built environment, and the people who live and work there, the

more serious the negative impact on stream water quality.

The studies identified issues common with our urban streams: little natural shading to keep water temperatures cool, lack of adequate planting to prevent sediment run off into the river and pollutants entering the river via stormwater drains.



Students from Nelson Christian Academy planting trees at Poormans Stream

NELSON CHRISTIAN ACADEMY

Poormans Stream runs through the grounds of Nelson Christian Academy.

Over the last two years the whole school has been involved in an extensive planting programme that is transforming the stream banks. The trees they have planted will not only help to stabilise the land here, and provide shade for the fish and eels that live in the stream, but will one day feed the birds that use the stream as a corridor from the Marsden Valley Reserve to the sea.

HIRA SCHOOL

Hira School children have been planting native trees on private land over the last few years to help restore biodiversity in their area.

In August the school helped plant trees, shrubs and grasses in a newly fenced section of the Lud Stream. The work being done by school students is supported by many others in the Lud Valley, all working together to help improve water quality and provide habitat for wildlife, creating a wonderful shaded and healthy stream that the whole community can enjoy.



Hira school children getting ready to help planting in the Lud Valley.



Art work by Natalia Chaplin from her Nelson Nature animation.



NMIT students Amanda Ledger, Elaine Ang and Natalia Chaplin (absent) produced animations for Nelson Nature.

NMIT

This year, three students from the Nelson Marlborough Institute of Technology digital animation course produced animations to support the work of Nelson Nature and of Project Maitai/Mahitahi.

The work of Elaine Ang, Natalia Chaplin, and Amanda Ledger were each very

different in character, but they all told a story about what we could be doing to look after our environment.

The great work produced by these students will be rolled out over the coming months on both our Facebook and Nelson Nature webpage.

www.nelsonnature.nz

www.facebook.com/nelsoncitycouncil



Students from Nayland Primary School showing some of the rubbish they have collected from Poormans Stream.

NAYLAND PRIMARY SCHOOL

Students at Nayland Primary School are also busy doing their bit to look after Poormans Stream.

They regularly collect rubbish that has been swept downstream or been thrown over the bridge on Nayland Road.

The largest item they found in the stream was a shopping trolley.

As a result of their litter-busting experiences, the students of Room 12 have designed their own informative brochures to highlight the values of the stream, its history, and what we need to do to look after it better.

NAYLAND COLLEGE NEST GROUP

The Nayland College NEST Group comprises students from across the school with an interest in environmental issues.

This year, they have been focusing on Poormans Stream, which runs along the boundary of the school, to monitor water quality and collect data which will hopefully show improvements in the

condition of the stream over time.

The students have researched the macroinvertebrates living in the stream, and now plan to plant a number of shade trees which will keep the water cool and prevent runoff and sediment from entering the stream.