

Videos

Published on LEARNZ (<http://www.learnz.org.nz>)

[Videos](#) [1]

Videos are filmed each day on the field trip and edited each night. They are linked here during the field trip.

For help and more information about LEARNZ videos, go to [Help with Videos](#) [2] in the [LEARNZ Support](#) [3] section.

Video question sheet - [Word](#) [4] (31k) | [PDF](#) [5] (217k) | [Google Doc](#) [6] to use for each video (based on SOLO Taxonomy).

Tuesday 19 March

1. Why do we Need Irrigation?

Irrigation New Zealand Chief Executive Elizabeth Soal talks about what irrigation is and why it is needed. You could think about the food products you and your family eat that are or might be grown with irrigation.

2. Balancing Water Uses and Values

There are many plants and animals relying on the river. And we humans use rivers for a variety of activities. People also have historical and spiritual connections to rivers. In this video John Sunckell talks about the different uses of a river we need to consider when making decisions about how it is used.

3. The Central Plains Water Scheme

Fiona Crombie provides an overview of how the Central Plains Water Scheme works.

4. Environmental Management and Central Plains Water

You're at the Sheffield Storage Pond. Find out more about this facility. Then, hear from Fiona Crombie about some of the things Central Plains Water is doing to be environmentally responsible.

Wednesday 20 March

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1. From the River to the Farm

You are down by the Waimakariri River, one of two rivers used by Central Plains Water to supply farms for irrigation. In this video Fiona explains how water is taken from the river and distributed to the farms. I wonder how much water is taken for irrigation compared with the total river flow volume.

2. Irrigation and Crop Farming

Meet Damon Summerfield on his farm near Darfield. Damon talks about the various crops he grows and how switching from dryland farming to irrigation has changed his farming practice.

3. Creating Ideal Conditions for Plant Growth

Damon Summerfield explains the importance of water for crop farming, and the benefits of irrigation on the Canterbury Plains. There is an opportunity in the video to compare an irrigated paddock with a non-irrigated one, both used to graze lambs.

4. A Closer Look at an Irrigator

Here is your opportunity to get up close to an irrigator and see it in action. You will also discover how technology in the form of an app allows farmers to remotely control their irrigators.

Thursday 21 March

1. Different Uses for Stored Water

The Selwyn River, originally known by Māori as Waikirikiri, runs alongside the camping and picnic area of Chamberlains Ford – the location for this video. Here, Fiona Crombie describes how Central Plains Water helps the river by topping up groundwater that feeds it, thus making it flow better. Why does the river need help and what advantages does improving its flow have?

2. Irrigation and the Local Community

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Meet the mayor of Selwyn Sam Broughton. Sam talks about the value of water for the Selwyn district. He also highlights the many different interest groups that are involved in decisions about the use of water.

3. Careers in the Irrigation Industry

Steve Breneger from Irrigation NZ talks about the variety of jobs and career pathways that relate to water use and irrigation. You could think of other types of work in this area that weren't mentioned. Maybe there are jobs that don't exist yet!

Source URL: <http://www.learnz.org.nz/water191/videos>

Links

[1] <http://www.learnz.org.nz/water191/videos>

[2] <http://www.learnz.org.nz/support/videos>

[3] <http://www.learnz.org.nz/support>

[4] http://www.learnz.org.nz/sites/learnz.org.nz/files/video-questions_2.doc

[5] http://www.learnz.org.nz/sites/learnz.org.nz/files/video-questions_3.pdf

[6] https://docs.google.com/document/d/1SexAI-3mXoEDF_XED5fxWw0fr8xrg9frT2GNoL0yeSo/edit?usp=sharing