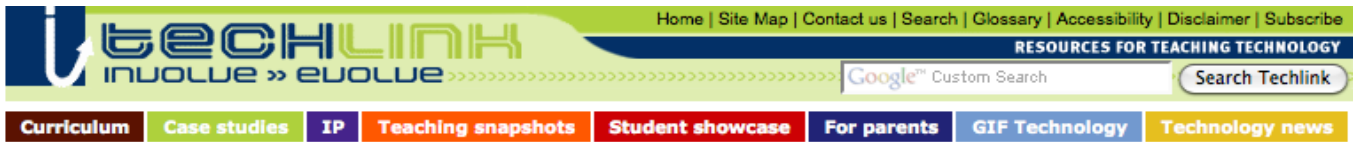# Exploring Techlink – a starting place for discussion.
www.techlink.org.nz

Techlink provides a wide range of resources and curriculum support material for teachers. The initial focus of this site was to provide targeted support for technology education with the aim of improving senior student engagement in this learning area.

With the release of the **NZC 2007** this has expanded to include relevant material to support Primary and Intermediate Level teachers as well.

Working your way through this guided format will take you about 20 – 30mins and will enable you to have informed discussions about the technology that's happening in your school with your teachers.

Curriculum Support
Read Ministry Overview, and Ministry Guidance.
Note: Located under introduction within "Curriculum Support" is an area where you can download all the pdf's from this site.

Ministry Guidance : There are some recommendations for teachers of Year 7-8 students. How do these relate to your school and the programme you're delivering for your students?
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Technological Literacy: Teachers need to be aware of the key changes identified between the 1995 Technology Curriculum, and Technology in the New Zealand Curriculum 2007. How could these changes impact on your teaching, and student learning at your school? What do you need to consider in relation to current programmes?

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More to check out on Techlink…

Indicators of Progression
The Indicators of Progression provide support for teachers to interpret the Achievement Objectives (AOs) for each strand of the Technology curriculum.

Strategies for Engaging Students
This section provides a range of teaching strategies that can be included in the development of units of work (see the bottom of the Curriculum Support menu).

Technological Practice Case Studies
These case studies tell the stories of technological projects from throughout New Zealand and beyond from conception to completion (see the Case Studies menu).

For Parents
Information about technology education for parents.

Glossary
Glossary of Technology education terminology.

Student Showcase:

STUDENT SHOWCASE

Materials (Hard)

Materials (Soft)

Food and Bio-related

Digital Tech

Electronics

Graphics

There are a lot of examples of student work located in this section. Have a look at the following – they give you an idea of some of the things students have done in relation to Brief Development, Planning for Practice, Outcome Development and Evaluation – these are aspects of the Technological Practice strand. These examples are all focused on Year 7/8 students.

Under Materials (Hard) – Jewellery Storage Cabinet, Wind Chimes, Water Polo Goals, Pack, Pedal and Park, Jigsaw Puzzles, Remote Stoat Trap Monitor, Personalised Pen, Cell Phone Holder, Concrete Samples,

Under Materials (Soft) – Tennis Outfit, Polar fleece Hat, Toilet Bag (x2 look at both), Postal Gift

Under Food and Bio-related –Meatballs and Sauces

Under Electronics – Sitting Duck Game, Electronic Matchbox Bug, Remote stoat trap monitor, Heated Slippers

What aspects of these *Student Showcases* could you discuss with your teachers in relation to student work?

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Teaching Snapshots:

TEACHING SNAPSHOTS

Junior – Years 1-6

Middle – Years 7-10

Senior – Year 11

Senior – Years 12-13

There are examples of ideas and strategies that teachers have used in their classrooms. Record some ideas that might be of use to you.

A snapshot could be of anything related to the teaching of Technology: a single idea, a resource, a collaboration, a technique, a strategy, a solution to a specific issue, or simply good teacher practice.

The aim is to give teachers a cache of ideas/activities/approaches to refer to as a knowledge base, that they could perhaps adopt or use as a point of inspiration for the continued development of their own practice."

Under Middle – Years 7-10 : Creating a Programme of Learning, Strategies for teaching Technological Modelling, Microsoft Technology Art, Canvas Me, "Technology Takes Over' Expo, Resident Artist/Mentor, Kea Enrichment, Robotics Extension Group, Finger Food for 300, Jigsaw Puzzles, Young Designer Awards, Promotional Flyer, Sensory Testing for Juniors, Technology Expo, NASA Food in Space DVD.

What aspects of these *Teaching Snapshots* could you discuss with your teachers in relation to teaching and learning?

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Case Studies – Classroom Practice:

CASE STUDIES

- Classroom Practice
- Materials
- Food and Bio-related
- Digital Technology
- Electronics
- Teaching Practice
- Graphics

These are great examples of classroom practice happening, and provide more detail than a *Student Showcase* or *Teaching Snapshot*.

Look at some of the *Case Studies* listed – (they're all generally about product development), and record elements that you think might be relevant to the production of any other sort of outcome

Under Materials: Trash to Fashion, Production Logo

Under Food and Bio-related: Unlocking the Secrets of Food Technology, Space Nuggets, Value Added Noodles

Under Digital Technology: Media Technology

What aspects of these *Case Studies* could you discuss with your teachers in relation to technology at your school?

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