

# TECHNOLOGY ICT UNIT PLANNER

## ONLINE RESEARCH AND COMMUNICATION OF IDEAS

### CURRICULUM AREA INCLUDED

Production and process technology  
Information and communication technology

### UNIT FOCUS

Research / design

LEVEL: 2-4

YEARS: 4-7

SCENARIO: A website can be a valuable tool in the communication of / sharing of ideas, thoughts and research.

### STRANDS –A.O's Covered

A – 1 ✓   
A – 2a ✓  
A – 2b ✓  
A – 3 ✓  
A – 4 ✓

B – 5 ✓  
B – 6a ✓  
B – 6b ✓  
B – 6c ✓  
B – 6d ✓

C – 7 ✓  
C – 8 ✓

### LEARNING OUTCOMES

By the end of this unit students should be able to:

- explore the histories of the Internet and related technologies
- identify and research a chosen subject
- find out about the relationships and related functions that different software serves in the process of making a website
- explore both static and interactive websites to strengthen their understanding of the technologies involved
- design a website, identifying the components and processes involved
- critically think about their work, in order to strengthen the editing and revising process
- collaborate in the development of ideas
- find out interesting things about both the Internet and their respective group projects

### ASSESSMENT ITEMS

Specific qualitative /quantitative information for achievement record / overall judgement statement

- A paired visualisation about what the Internet is.
- A three part online assessment, both the questions and their e-mailed answers.
- The initial paper design, then the computer published whakatakatoranga.
- The individual research notes.
- The website in both local and remote form.
- Working effectively as part of a group to share ideas and resources.
- Students will be assessed in how well they carry out the above items using the excellent, good, satisfactory, unsatisfactory criteria.

### LEARNING ACTIVITIES (Lesson by lesson sequence/planning) Periods 0

Class discussion and recording through visual form the current understanding of what the students understand the Internet to be (1)

Utilising online materials to travel as a group through specific websites, in order to learn about structure, design, layout, the ideas behind the site/site purpose (3)

Choosing subject, focus, researching, note-taking, revising, editing (8)

Designing individually, group revision and evaluation of design ideas (5)

Drafting, coding and editing of website (4)

FTP and testing of site (2)

Group evaluation (1)

### MANAGEMENT/MATERIALS

- Selection of websites
- Historical materials / stories
- Online assessments / activities
- Computers/paper

Safety schedule complete.....yes/no