

# Looking for ways to incorporate technology and issues relating to ICT in the classroom? Try some of these suggestions.

## LESSON PLAN 14: 'A WEB QUEST ON FOOD SAFETY'

**Objective:** Online research to investigate, identify and promote good food safety practices

**Age range:** 12-16

Information gained from this activity will help students to complete Achievement Standard 1.4 – Demonstrate and apply safe food handling practices and strategies.

### YOU WILL NEED

- ▶ Computer, browser and Internet access
- ▶ Word, PowerPoint, Inspiration and Publisher

### DEVELOPING SKILLS

- Communicating: Conveying and receiving information from the Internet;
- Problem-solving: Thinking, analysing, trialling, testing, deciding and evaluating. Using the information from the Web for a real-life activity;
- Self-managing: Adapting information from the Web search to present to others;
- Cooperation: Working with others and taking responsibility for what needs to be done for the PowerPoint presentation and the poster;
- Work and study: Working effectively gathering information using the WWW and being responsible to complete all activities.

### METHOD

1. Describe to the students how they are to use a search engine to investigate good food safety practices – provide them with a list of suitable online resources.
2. Ask them to carry out their searches and collect information on a work sheet, where they should write down key points.
3. Discuss the findings.
4. Get the class to develop strategies to take appropriate action at either school level or at a personal level to address these risks – including the creation a 10-point poster of good safety practices.
5. Make a PowerPoint presentation of the findings.

### GOALS



- distinguish between real and perceived food handling risks;
- develop strategies to take appropriate action to address these risks;
- learn about being critical 'Web users' and how to use the Web in a problem-solving activity;
- develop thinking skills – to encourage students to look at the big picture by engaging them in critical-thinking processes that have relevance beyond the classroom;
- encourage students to question and challenge existing beliefs, structures, and practices.



### ADDITIONAL ACTIVITIES

- Use the information to assess the school's food safety practice
- Display information in all the school's food areas

### EVALUATION

The students were very excited to do my trial Web Quest. I felt like a student as I knew they would be assessing my work as well.

It did not quite go to plan. The activity took a lot longer than anticipated. I only had a short time, so the students worked on finding information for the 10-point poster and did not do the PowerPoint presentation. Students spent a lot of time hunting for information on the Web. The emphasis was for the students to enjoy the experience so I was not too concerned with this result. Having a work sheet to write their key points down was very important. They learnt a lot more than just food safety while checking out the sites and liked the idea of having the websites given to them. They were also very interested in playing with the animated games.

I thought the students would have worked on the challenge without me, but that was not the case. They were very dependent on my reassurance that they were doing their work correctly.

Overall, they liked the way the activity gave them a clear overview of what was required of them, from the beginning of the process to the assessment and, because it was a collaborative task, they all added their own personal strength to the final presentation.

My goal for these students was not for them to achieve top results in the assessment, but to see how they responded to a new learning challenge. It was very successful. The next time I plan one I will work in collaboration with at least two students to plan the quest.

COMPILED BY **PAMELA SHONE**, HOD HOME ECONOMICS, WAIMEA COLLEGE, NELSON

Thanks to everyone who entered our iPod competition. There were some fantastic ideas – from using animation and music, to Bebo and Google Earth – and we hope to reveal all in coming issues. Congratulations to our winner Pam Shone, who receives the iPod Nano 4GB.