

Title: Emergency Services use of ICT

Cybercitizenship Attribute: Connected

Level: Year 3-4

Overview: This lesson is ideal for incorporating into a unit or series of lessons about emergency services, fire safety, keeping ourselves safe etc. Students will describe a variety of ways in which the emergency services use ICT. A good time to begin the lesson would be following a visit to a fire, ambulance or police station. The lesson may be broken into parts and delivered over a number of days due to the requirement for all students to access the 111 website.

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| Connect | If a recent visit has been made to a fire, ambulance or police station, ask the students to recall what items of ICT they remember seeing during the visit. Otherwise, ask students to brainstorm what ICT they think the emergency services might use and how they might use it. Keep this brainstorm for assessment purposes | Resources Video ‘What Happens When You Call 111’ http://www.111.govt.nz/calling_111/index.html |
| Activate | Explain to students that they are going to listen to some people talk about what happens when you make a 111 call. Play the video ‘What Happens When You Call 111’ asking the children to make a mental note of the technology they see being used. (There is plenty of useful background material on the www.111.govt.nz website including explanations of terms and a time line of photographs) Following the video, discuss what ICT the children identified and how it was being used. Possible answers might include: Mobile phone (used by caller at the beginning of the clip), Telephone (to answer calls from people in trouble), computers (with maps and other information), headsets and microphones. | |
| Demonstrate | Either individually, or as a group (depending on access to computers and internet) have the children explore section of the 111 website noting down any items of technology they see or read about. Recommended sections include the photo gallery and real life stories (contains video). Have the students take screen shots of technology found on the site and paste into a slideshow, web page, graphics or word processing program along with a description of what the technology is and what it is or was used for. | Assessment Compare the original brainstorm to the final brainstorm. |
| Consolidate | If not done so prior to the lesson, visit an ambulance, fire or police station and ask to be shown the various technology in place. Invite a police youth education officer or community constable in to the school to discuss the technology they use. Following all activities, brainstorm again what technologies are used by the emergency services. Compare to the original brainstorm. | |