

New Plymouth injury Safe Trust 10-P Project Report

HSE Centre Gateway Team Challenge September 2009



HSE Centre Gateway Team Challenge (September 2009)

10-P Model for documenting Community Safety Projects and Programs

1. Project Description

Project Title	HSE Centre Gateway Team Challenge
Description	<p>The HSE Centre Gateway Team Challenge is a practical, hands-on competition style event that tests the safety skills and knowledge of Gateway students aged 15-16. As well as testing existing knowledge, the event aims to improve the students' awareness of safety issues and to provide some basic safety knowledge. The Gateway challenge event was adapted from the Taranaki Secondary Schools Agricultural Team Challenge that has been running for several years. The Gateway Team Challenge ran for the first time in September 2008 and, due the success of this, it was decided that the Challenge be run as an annual event.</p> <p>Four schools entered the 2009 event (Spotswood, Stratford, Hawera and New Plymouth Boys High). Three schools entered a team of 4 students and one school entered 2 teams (i.e. 8 students). 20 students participated in total.</p> <p>Six practical safety 'challenge' activities and scenarios were set up. Students were marked as a team on various factors such as how many hazards they spotted, whether they selected the right PPE for a task and how well they answered questions during the activity. Each activity was led by an adult with particular safety knowledge in that area. The six areas were as follows:</p> <ul style="list-style-type: none"> • Road safety • Hazard identification • Chemical handling • Garden Tools & Equipment • First aid • Fire Safety <p>Following the challenge activities, a quiz was held with the whole group of students and after scores from the activities and the quiz were combined a trophy was awarded to the winning team.</p>
Summary of community need	<p>Research demonstrates that children and young people are still undergoing rapid physical and social development. When combined with young people's lack of experience in workplace tasks and culture they face added risk in the workplace. A survey carried out by Dept of Labour in 2007 across Taranaki secondary schools revealed that many young people's knowledge and training in health and safety was low. A number of young people had experienced a workplace injury but were unaware of their rights and responsibilities with regards to workplace health and safety. The survey suggests a real need to undertake work with students of school age to improve health and safety knowledge</p>

	as many of them start working in part time jobs before they leave school.
2. Purpose	
Objectives	The event set out to provide a fun and relevant learning activity to a targeted group of students (Gateway students) to improve their awareness and knowledge of workplace safety issues. The event also aimed to highlight the links between workplace safety and other areas of safety (e.g. road and home safety)
Outputs	20 students attended and participated in the event.
Outcomes	Gateway students to have an increased awareness of links between workplace and home safety. Gateway students to increase their knowledge about their rights and responsibilities as employees regarding health and safety. Students gain basic skills in dealing with a range of scenarios such as first aid, a small household fire, dealing with chemical sprays and working with household tools.
Target issue	Workplace safety Home safety Road safety
3. Process	
Research Basis for the Intervention Mechanism	<p>Research literature in the area of young workers safety recommends programmes that inform young people, parents and employers of the risks at work and the most effective ways to mitigate them. It recommends that programmes are targeted to reach each group most effectively. This project uses a “hands on” learning approach that is considered to be more engaging and effective with young people (and has indeed been shown to be effective with adults).</p> <p>Research in this area suggests that the skills required to prepare all young people for work should be incorporated into the school curriculum from Year 7. It also recommends that, in order to be effective, programmes should be based on strong links between schools, businesses and community. Programmes should prioritise labour and construction; retail and hospitality; and agriculture/horticulture as these are the main areas within which young people will gain employment.</p>
4. People	
Target groups	Young people aged 15-16 on the Schools Gateway programme
5. Place	
Setting (taken from ICD-10 code frame)	Workplace
6. Partners	
Community; Business; Agencies;	New Plymouth injury Safe – event planning & coordination, event funding ACC – event planning & coordination, access to HSE centre (used

Academic; Others	as part of ACC funded hours of the centre), set up and running of garden tools/equipment safety activity Department of Labour – running chemical handling HSE Centre Manager – running hazard ID activity Roadsafe Taranaki – running road safety activity Red Cross & Civil Defence – running first aid activity NZ Fire Service – running fire safety activity Local Secondary Schools – identified suitable students and provided transport to take them to the HSE Centre
7. Price	
Purchased (Salaries, Operating Expenses & Capital); Donated; Costs to Others (e.g. participants, human, organisational, relational)	Planning & Coordination undertaken by NPiS programme manager and ACC Injury Prevention Consultant 1 planning meeting was attended by representatives from ACC, Department of Labour, Fire Service, NPiS and HSE Centre Manager to plan event and organise activities A Department of Labour inspector, 2 ACC Injury Prevention Consultants, the Road Safety Coordinator, the Red Cross Area Manager, the Emergency Management Officer and a Fire Safety Officer as well as the HSE Centre Manager were involved in running activities on the day and this was incorporated into their usual working schedule. Catering and the winners vouchers (cinema tickets) were funded by NPiS. The costs of the HSE Centre hire were covered by ACC who have a block booking of several days a year for community use. Expenditure was as follows: \$350 Catering \$100 Vouchers (prizes) \$450 TOTAL
8. Product	
Outputs; Exposure; Dose Rates, Results, Outcomes Achieved	20 students participated in the event and each of them received feedback on their practice and knowledge during and immediately after the activity. Gaps in knowledge were identified by the activity leaders and information was provided as required. No follow up has been done to test retention of knowledge. However, some of the activity topics in the event were specifically chosen to link with health and safety subjects covered within the Gateway programme so it is hoped that this learning will be further reinforced in the classroom. An evaluation form was completed by all of the students. Every student could list at least one new thing that they had learnt during each activity. The activity that students enjoyed most was fire safety, followed by road safety and chemical handling. The reasons given for finding an activity enjoyable was that it was informative, fun, challenged their thinking and was seen as relevant and practical. The First Aid activity was listed as being least enjoyable with the reasons for this being that students did not know what to do and that found it too realistic. It was noted that these 9 responses

	regarding first aid were mainly from students who attended schools where First Aid is not currently taught.
9. Progress	
Current status (Ongoing or Fixed Term); Milestones; Performance Indicators	<p>The HSE Centre Gateway Challenge event was run as a trial initiative in 2008 and seen by all involved to be successful. The event is now run as an annual event. Feedback from schools was once again positive and the students appeared to have enjoyed this years' event.</p> <p>As with the 2008 Gateway Challenge, this years' event was run in Safety Week although organisers are considering moving this to a less busy time of year. Schools will be consulted about this.</p>
10. Promotion	
Action Resulted; Media & other Promotions; Building knowledge basis with other communities	<p>The event was attended and reported on by Taranaki Daily News and the Stratford Press. The event was also promoted in the NPIS Update newsletter and a news article was placed on the Safe Taranaki website. The story was sent for inclusion in IP News. Photos and information was sent out to the participating schools for inclusion in their school newsletters.</p> <p>The Gateway challenge event will be included in a presentation being given by NPIS at the 2009 IPNANZ conference. It was also profiled in a presentation given by the NPIS Safe Community Programme Manager at a regional safe community seminar in Rotorua and Taupo held in June 2009 (aimed primarily at employers in the region).</p>
Tips for others considering running similar events...	
	<p>One keys to the success of an event such as this is the availability of a venue where practical safety challenges and demonstrations can be carried out. Although the HSE Centre is ideal for this purpose, there is no reason why the event could not be carried out within a community hall or other similar venue (although more equipment would need setting up prior the event).</p> <p>Activities such as "chemical handling" can be quite simple to set up, requiring just a range of PPE equipment, spray bottles and a suitable outdoor area to "spray". Other activities need minimal equipment (e.g. laptops for the road safety 'virtual driving hazards' CD, first aid kits for First Aid).</p> <p>Costs for such an event can be kept to a minimum by utilizing people who can run the activities as part of the education aspect of their working role (e.g. Dept of Labour inspectors, Road safety coordinator). Other individuals who could be invited to participate include the Fire Service, local employers and service organisations.</p> <p>Engaging schools initially can be difficult as some teaching staff will not happily release their students to be part of an off-site activity unless it is very clear what the purpose is and how it fits into</p>

	<p>the curriculum. As school staff are difficult to contact directly (due to teaching) a number of follow up telephone calls may be needed to secure their involvement. Obviously it makes sense to avoid busy times of year (e.g. exams) and to check dates with schools before formally booking the event.</p> <p>Using a variety of means to approach schools – letters, email, phone calls – are advisable. It is also helpful to identify the names of Gateway co-ordinators and deal with them directly if possible.</p> <p>This years' event was attended by 5 teams when we had capacity to accommodate 7 teams. 2 schools reported that their students did not want to participate. Follow up is needed to identify why this was the case. The two schools who reported lack of interest from students were <u>not</u> involved in the 2008 Challenge so we do not believe that a previous negative experience has led to this lack of interest. 2 schools reported that they did have teams that were interested but the date of the event clashed with work experience. As each school runs work experience on different days it is impossible to find a date that suits all. However it is worth considering whether a different time of year would be less busy.</p> <p>It is worth noting that this style of event can be adapted for different groups (e.g. apprentices, older workers, migrant workers) and different settings (e.g. agriculture, construction, catering) so the possibilities for using a 'Safety Challenge' concept are quite endless!</p>
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