

Statistics of Success – TELG

Student Projects

Engineering Link Project

Established in 1994, and have run Projects in Townsville, Brisbane and Rockhampton

Townsville 1994 - 2010:

- Number of Projects: 20 (for three years in the '90s we ran two a year)
- Number of students: over 1400 (accurate records kept since 1999, after which we've averaged over 70 students a course, with a high of 117 in 2010).
- Number of schools in catchment: 60 (from Mackay to Weipa, and west to Mt Isa)

Brisbane: 1999 – 2010:

- Number of Projects: 12
- Number of students: over 960 (for the past 5 years, we've consistently attracted nearly 100 students to each course).
- Number of schools in catchment: 255 (from the Tweed to Gympie and west to the border)

Rockhampton: 2001 – 2010:

- Number of Projects: 10
- Number of students: over 300
- Number of schools in catchment: 52 (from Gympie to Mackay and west to the border)

General Statistics:

- Average % of girls who attend ELP courses: 35% (and increasing)
- Average % of students who go on to study engineering (or an engineering based course) at tertiary level: 86%
- Average % of students who state that the TELG course had a positive influence on their choice of tertiary course: 84%
- Average % of students who enjoy the course they attended and would recommend it to others: 94%
- Number of schools who have sent students to an ELP: over 250 (68% of Queensland schools)

Interesting Points:

- We have had at least 5 engineers return to present at an ELP who attended a Project when they were in High School.

Enterprise Management Project

Established in 2004 (held in Brisbane for 2 years), then moved to Rockhampton in 2006, and run every year except 2008.

- Number of Projects: 5
- Number of Students: 170
- Number of Schools invited: 368

Ambassador Conferences

TELG encourages students who have attended our courses to become Ambassadors. Their role is to promote our activities in schools. We have conducted three Conferences where we have flown (at our expense) students from all over Queensland to a location (Brisbane (2) and Rockhampton (1)) for a two day conference and workshop.

Students sincerely appreciate the opportunity to provide feedback and express their opinions on:

- TELG courses
- Education in High Schools
- The teaching of Mathematics, Physics and Chemistry from a student perspective.

Number of students who have attended: 45 (over three conferences)

Predictions for 2011-2012 – New South Wales and Victoria

In 2011, we intend to mail out invitations to over 200 schools in New South Wales and Victoria, increasing to the full amount of over 800 in New South Wales and Victoria.

We anticipate, based on Queensland figures, we will draw an average of 70 students per event (ELP) for the first two years, increasing to 90 over

Teacher Projects

The Linking Engineers and Scientists with Teachers (LEaST) Projects are very successful when run. The current lack of time is the reason we haven't operated more of them.

Projects have been conducted in Townsville (1), Cairns (2), Mackay (1), Rockhampton (2) and Toowoomba (1).

Number of Teachers: 55

Number of Schools Represented: 18