



### ***What is the Science and Engineering Challenge?***

The Challenge is a national competition for year 9-10 high school students. It is held in regional venues right around Australia. Eight schools per day send teams of 32 students to compete in eight fun activities based on the principles of science and engineering. Regional winners compete at a state Super Challenge, and state winners go on to participate in the Science and Engineering Challenge National Final. A community team of teachers, parents, sponsors, or VIPs are encouraged to compete against the students in the bridge-building activity. Members of the local community are also invited to watch the end-of-day bridge testing and presentation. Teacher and web-based resources are available to complement the Challenge event.

### ***Why participate in the Science and Engineering Challenge?***

The Challenge provides relevant, hands-on experiences that dispel misconceptions and encourage young people to choose a career in science and engineering.

### ***What do students do?***

Student activities are either half or full-day duration. They include: The Bridge, Catapult, Mission to Mars, Eco-habitec, Hover Frenzy, Robots, Future Power, Turbine, Grasping at Straws, Who gets the Water?, Helter Skelter Shelter, and Stringways.

### ***What is the program for the day?***

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|---------|--|
| 9:00am  | Schools arrive   |
| 9:25am  | Short introduction   |
| 9:30am  | Start morning activities (120 minutes)                     |
| 9:35am  | Teachers' morning tea and information session (30 minutes) |
| 11:30am | Lunch break (30 minutes)                                   |
| 12:00pm | Start afternoon activities (120 minutes)                   |
| 2:00pm  | Test the bridge activity in front of everyone present      |
| 2:30pm  | Award school participation certificates and trophy(s)      |
| 2:40pm  | Day finished. Students leave.                              |

### ***How much does it cost?***

Cost is determined by the local organising committee. The maximum charge is \$440 incl. GST per team plus transport to/from the venue.