



Extreme Energy Show Booking Form

Audience: up to 100 students

Duration: Up to one hour to fit in with school timetable

Price: ★ \$5.00 per student (GST free)

★ Minimum charge \$300 per one hour session

★ An invoice will be sent by mail after the visit.

★ Bookings cancelled within four weeks of the visit date will incur a cancellation fee of \$150.

We need: ★ An indoor venue that can be darkened where possible

★ Two large tables

★ Access to a power point

Extreme Energy Show for Years 7 to 10

This show explores different forms of energy and the ways in which energy changes from one form to another. Syllabus content in the show includes: forms of energy, conservation of energy, the wave model, compounds and reactions, change of state, animal adaptations and natural resources.

Demonstrations in the show include:

Flaming bubble – The heat capacity of water allows the presenter to safely ignite a propane-filled bubble.

Singing pipe – A metal pipe is heated and resonates to produce a surprisingly loud sound.

Plasma ball – A volunteer lights up a fluorescent tube using the electric field around a plasma ball.

Chemiluminescence – A technique used by forensic investigators is demonstrated when two solutions are mixed to produce blue light.

Liquid nitrogen – Spectacular liquid nitrogen demonstrates change of state and expansion and contraction.

Preferred date/s for Questacon Science Squad visit _____

Full school name _____

Street address of venue _____

Postal address _____

Contact teacher (name, position) _____

Phone _____ Fax _____

E-mail _____

Would you like to receive an electronic newsletter and other updates via email? Yes No

Venue for presentations (hall, large room, other) _____

How did you find out about the Questacon Science Squad? _____

Session times

1. Start time: _____ Finish time: _____ Year level(s): _____ Number of students: _____

2. Start time: _____ Finish time: _____ Year level(s): _____ Number of students: _____

3. Start time: _____ Finish time: _____ Year level(s): _____ Number of students: _____

Anything else we should know (eg children with special needs, directions or parking arrangements):

NOTE: This booking is not confirmed until you receive a faxed booking confirmation

Please fax completed form to: 1800 641 171

Enquiries: Freecall 1800 889 995 Email sciencesquad@questacon.edu.au

Details correct at time of printing and subject to change without notice. Term 4 2009