



eLemental: student artworks exploring science

August 14-29 2004

Invite a *Young Tassie Scientist* to visit your school. Create a 2D artwork based on their work. Selected artworks will be exhibited at Salamanca Arts Centre, the University of Tasmania, the Imaginarium Science Centre and Burne Civic Centre during *National Science Week* and *Tasmanian Living Artists Week*. *eLemental* will be exhibited simultaneously with *eMerging*, an exhibition by University of Tasmania Arts School also inspired from the research of the *Young Tassie Scientists*.

Scientific Themes:

Exploring the Oceans:

- Tomas Remenyi (IASOS, Hons, Hobart) Forams & past sea ice distribution.
- Michael Grose (IASOS, PhD, Hobart) Cape Grim phytoplankton.

Saving the Environment:

- Tim Jordan (Chemistry, PhD, Launceston) Air pollution from wood heaters.
- Nina Hamilton (Architecture, Masters, Launceston) Architecture and wilderness.
- Claire Trenham (Maths&Physics, Hons, Hobart) Modelling chemical combustion.

Generating Energy for the Future:

- Cameron Potter (Engineering, PhD, Hobart) Wind/power forecasting using artificial intelligence.
- Denis Visentin (Computing, PhD, Launceston) Modelling to demonstrate nuclear fusion.

Discovering How Plants Grow:

- Corinne Jager (Plant Science, PhD, Hobart) Hormone interactions in peas.
- Lydia Turner (TIAR, PhD, Burnie) Pasture species in dairy industry.
- Will Bignell (Ag. Science, 3rd year student, Hobart) Growing Wasabi.
- Paul Armstrong (Aquaculture, PhD, Hobart) Plankton blooms

Investigating the Human Body:

- Cassie Saunders (Human Life Sci, Hons, Launceston) Chilli receptors.

Artwork Guidelines:

- Size: at least A3
- Paper: mounted on thick cardboard
- Style: 2D image, painting, drawing, collage, digital image
- Subject: must be based on the work of one or more of the Young Tassie Scientists

Deadline for artworks is 11th of August:

- Mail to Faculty of Science, Engineering & Technology, University of Tasmania, Private Bag 50, Hobart 7001
- Artworks must include student's name, class, school and scientific theme

Awards:

Prizes will be awarded on a regional basis for primary and secondary schools in the categories of:

- Best communication of scientific ideas through art
- School with the highest percentage participation

For more information and a school resource kit, contact:

Kim Menadue Ph: 0419 983202 email: jexsouth@netspace.net.au

Website: www.youngtassiescientists.com