

## NEW SEMESTER 2 PROGRAMS

Ecolinc is now taking bookings for a number of new curriculum programs in Semester 2. A range of innovative hands on VCE programs designed to comprehensively complete SAC tasks is available. Schools should book as soon as possible to avoid disappointment.

If you haven't yet had a chance to visit Ecolinc, you are invited to attend one of the following free activities.

Ecolinc will be open to the community on **Sunday 4 June** to celebrate World Environment Day in conjunction with the Moorabool Shire Council. Tours of the Centre and wetland will operate at 11.30am, 12.30pm, 1.30pm and 2.30pm.

Ecolinc is holding an open afternoon for teachers between 4.30 and 5.30pm on **Monday 5 June** to overview Ecolinc programs, meet Ecolinc staff and tour the Centre. Afternoon tea will be provided.

[RSVP for catering purposes](#)

Ecolinc with valued support from DE&T celebrated Education Week with students from Mandama PS (Yr 4), Beaufort SC (Yr 10/11), Bacchus Marsh PS (Yrs 1 & 4) and Bacchus Marsh College (Yr 7).

Ecolinc is looking forward to working with eight schools from the Daylesford cluster as part of the cluster's successful ASISTM grant application. Students will participate in a number of Ecolinc activities relating to 'Water'.

Ecolinc's newest partnership with Mt Rothwell has resulted in the development of an extended field activity for P-10, VCE Biology and VCE Environmental Science students. Following an investigation of aquatic and grassland ecosystems at Ecolinc, students travel to Mt Rothwell to complete field work and then have the opportunity to observe a number of endangered nocturnal mammal species protected within Mt Rothwell. A barbeque completes this program.

## NEW VCE PROGRAMS

### CHEMISTRY

#### UNIT 2: AoS 2 THE ATMOSPHERE

Explore Ecolinc's CSIRO Weatherwall in conjunction with CSIRO developed air sampling activities to explore issues associated with the impact of human activities on the atmosphere.

Measure and interpret the NO<sub>2</sub> and dissolved CO<sub>2</sub> concentration in the air and Ecolinc wetland respectively.

### BIOLOGY

#### UNIT 2: ORGANISMS AND THEIR ENVIRONMENT AoS 1 & 2

Conduct field investigations examining the Ecolinc wetland and the nearby Mt Rothwell grassland/woodland ecosystems. Participate in an optional 'dusk' walk to observe a number of endangered nocturnal mammal species.

#### UNIT 4: CONTINUITY AND CHANGE AoS 1

Investigate and identify genetically modified organisms by extracting DNA from food samples, amplifying DNA using Ecolinc's PCR machine and using electrophoresis to separate PCR products.

### ENVIRONMENTAL SCIENCE

#### UNIT 2: MONITORING THE ENVIRONMENT AoS 1

Use environmental indicators to monitor the ecological health of the Ecolinc wetland and/or the Mt Rothwell grassland/woodland ecosystem.

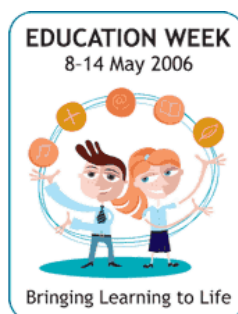
#### UNIT 4: ECOLOGICAL SUSTAINABILITY AoS 1

Conduct fieldwork to collect primary data on NO<sub>2</sub> emissions using the Air Watch kit. Examine the effects NO<sub>2</sub> poses to human health and the environment.

**BOOK NOW TO AVOID DISAPPOINTMENT**



Year 1 students from Bacchus Marsh Primary School participating in Education Week activities at Ecolinc.



## CONTACT

**Suzanne M Clark**

Manager

T: 03 5367 0171

F: 03 5367 0174

M: 0407 501 590

E: [clark.suzanne.m@edumail.vic.gov.au](mailto:clark.suzanne.m@edumail.vic.gov.au)

[www.ecolinc.vic.edu.au](http://www.ecolinc.vic.edu.au)

