



ENERGY BREAKTHROUGH Role Description

POSITION TITLE: Pushcart Coordinator

TIME REQUIRED:

- **Pre-Event:** Attendance at selected meetings prior to the event.
Communication, recruitment and briefing of pushcart volunteers.
Liaison and promotion to schools
Preparation of Event Documentation for teams.
- **Event:** (all or part thereof)
Thursday: 8:30am – 5:30pm;
Friday 8:30am – 5:30pm;
Saturday: 8:30am – 5:30pm.
- **Post-Event:** Post Event Reports

REPORTING TO: Event Director

LOCATION: Administration Centre and from home

1. ABOUT THE ENERGY BREAKTHROUGH

The Energy Breakthrough is a joint initiative of the Country Education Project (CEP) and Central Goldfields Shire Council (CGSC).

The Energy Breakthrough provides opportunities for students, teachers, parents and local industry to work together to design and construct a vehicle, a machine or innovation in technology that will represent an 'energy breakthrough'.

The program encourages participants to examine and use the latest technology while considering its impact on the environment and the way people live locally and globally.

The Energy Breakthrough isn't just a once-a-year event.

School groups work throughout the year to design, build and test vehicles or machines within detailed specifications. It requires a team effort and an across-the-curriculum approach. These groups then bring their vehicles and machines to Maryborough in the Central Goldfields Shire, Victoria for a huge celebration in which they can demonstrate and trial them in action.

The Program aims to ...

- Provide an excellent technology project for students from Prep to VCE level
- Encourage young people to explore solutions to environmental and transport issues

- Provide an opportunity for schools and communities to work and learn together
- Provide an opportunity for women and girls to participate in what has traditionally been a 'male' dominated area of the curriculum
- Be a fun program with real world challenges
- Offer students opportunities to explore and address vehicle design, driving skills and vehicle and passenger safety issues

What We're About

We are a non-profit community organisation that brings together education, local government and industry into collaborative partnerships, together fostering confident, competent and socially aware young people, ready to make difference in today's world.

We engage school communities across Australia and bring tourism, economic, and social benefits to regional Victoria, through our active learning program and event.

Our Mission

To inspire young Australians to embrace learning, be creative and innovative, and drive change through the power of collaboration; to celebrate human endeavour and achievement, to respect and care for the environment and our communities.

What We Believe

Curiosity, creativity, collaboration and human endeavour will always lead to innovative breakthroughs that benefit the wellbeing of humanity; and that young people are the future custodians of our Earth.

What We Deliver

The best active learning program and event for primary and secondary schools that aligns with the national education policy.

Our Mantra

Powered by imagination

2. PUSH CART CATEGORY BACKGROUND

The Pushcarts category has been part of the Energy Breakthrough since its inception in 1991. This category is open to Primary School students only.

The Pushcart event is a challenging but enjoyable way of introducing energy use and technology to young students.

The machines are based on the humble billycart, and are pushed energetically through an obstacle course, sprint and circuit events at Maryborough in November.

The teams of ten students may obtain the assistance of other students, parents, friends, local trades people, community groups to build their pushcart.

There are 2 Classes:

- **Section 1 (A1):** Teams from primary schools with an enrolment of 200 students or less.
- **Section 2 (A2):** Teams from primary schools with enrolment more than 200 students.

Elements

Pushcart teams participate in the following elements during the EB Event:

- Scrutineering
- Display & Presentation
- Design & Construction
- Obstacle Rally
- Endurance Trial
- Sprint

More detail on each element is available on the RACV EB website and the Schools Handbook.

Program Outline

The program begins on Thursday afternoon with Scrutineering and Design & Construction, on Friday teams participate in the Endurance Trial, Display & Presentation and Obstacle Rally and on Saturday teams compete in the Sprint Event.

The program concludes with a Presentation Ceremony on Saturday afternoon.

More detail on the schedule is available on the program website and the Schools Handbook.

3. ABOUT THE ROLE

The role of the Pushcart Coordinator is to lead the Pushcart category by building a strong team of volunteer judges and ensuring that participating students, teachers and parents have a great experience.

The Coordinator is responsible for ensuring the on-track events are conducted safely and on-time and that the judging components are conducted efficiently, effectively and fairly.

The Pushcart Coordinator is the first contact for schools and team managers during the Energy Breakthrough event. The Pushcart Coordinator has the final say on decisions relating to fairness of competition, the spirit of competition in the pushcart event and the interpretation of all rules, guidelines and specifications as they affect pushcart teams.

4. TASKS

The key tasks are:

1. Provide advice on Pushcarts specifications to the Event Director.
2. Respond to enquiries from schools as required.
3. Promote the Pushcart category to schools who aren't currently participating.
4. Assist with the preparation of the Pushcart Information Kit.
5. Assist with recruitment of judges and marshals for Pushcarts.
6. To assist with all aspects of planning and implementing the Pushcart during the event.
7. Meet with and brief judges as required.
8. Lead and support the Pushcart volunteer team during the event.
9. Ensure the on-track events are conducted safely and on-time.

10. Ensure the judging components are conducted efficiently, effectively and fairly.
11. Liaise with Team Managers and school teams during the event.
12. Collect all results and ensure results are processed and awards are determined in accordance with EB rules and guidelines.
13. Respond to any queries relating to the results via the Event Director.
14. Provide post-event report and feedback to Event Director.

5. ROLE REQUIREMENTS / QUALIFICATIONS

Mandatory

1. An understanding of, and agrees with the friendly, encouraging and supportive approach of the Energy Breakthrough team.
2. A thorough understanding of Pushcart specifications and event guidelines.
3. An understanding of what primary school students are capable of undertaking within the various element of the Pushcart event.
4. Strong planning and organisational skills.
5. Good communication skills.
6. Valid Working with Children Check card.

Preferred

Current Victorian driver's licence.

5. SUPPORT / ASSISTANCE PROVIDED

- A small stipend of up to \$1,500 will be provided to cover costs for phone calls, internet for email and social media, time to attend meetings and travel.
- Catering will be available on-site at no cost during the event
- Accommodation including breakfast will be provided during the event, if required.
- Additional support and training can be negotiated upon request.

6. HOW TO APPLY

Please contact Nigel Preston OR Alisha Chadwick on phone (03) 5461 0610 or email enquiries@eb.org.au to discuss this position prior to applying.

Email your C.V and a short cover letter expressing a/ why you'd be a great fit for this role, b/ any experience you have performing the key tasks in previous roles and c/ how you meet the role requirements / qualifications to enquiries@eb.org.au prior to 28 June 2019.