



Role Description

POSITION TITLE

Pushcarts Judge and Marshal

TIME REQUIRED

Pre-Event: Briefing only

Event: Attendance at EB Event Thursday afternoon – Saturday afternoon

Post-Event: Feedback welcome via survey and discussions.

REPORTING TO

Pushcart Coordinators

LOCATION

Post-Event: Home / Online.

Event: Maryborough

Post-Event: Online.

1. ABOUT ENERGY BREAKTHROUGH

The Energy Breakthrough (EB) is a joint initiative of the Country Education Partnership (CEP) and the 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 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 EB website and the Schools Handbook.

3. ABOUT THE ROLE

The role of the Pushcart Judge and Marshal is to support the Pushcart Coordinator to ensure that participating students, teachers and parents have a great experience. There is a focus on encouragement for the students, especially as they are in primary school.

As a judge, this person will assess a team's performance in Design and Construction and Display and Presentation.

During Design and Construction component, teams assemble their pushcart in front of the judges. It is their teamwork, knowledge about the materials used in construction and ability to assemble the pushcart that is being assessed. This must be done in under 20 minutes.

During Display and Presentation, each teams will deliver a 15 minute oral presentation to the judging panel of two to three judges. They will tell their story of their entry throughout the year, touching on things they have learnt.

The judges are responsible for ensuring these components are conducted efficiently, effectively and fairly for all teams.

As a marshal during the track events, this role will help to ensure the on-track events are conducted safely and on-time. This may include flag marshalling, time keeping, managing changeovers and managing groups.

4. TASKS

The key **TASKS** are:

EARLY NOV: Participate in a briefing teleconference via phone / computer.

EVENT:

THURSDAY

Before 12:30pm: Check-In

12:30 pm: Attend Day 1 briefing with Pushcart Coordinator.
(Clubrooms, Jubilee Oval Grandstand)

1pm – 5pm: Judge Pushcart teams in Design & Construction (Presentation Marquees)

5pm: Ensure all assessment sheets and scores are returned to the Coordinator.

FRIDAY

7:00 am: Attend Day 2 briefing with Pushcart Coordinator (Stage / VicRoads Track)

7:30 am: Attend Compulsory Meeting of Team Managers and Captains.
(Stage / VicRoads Track)

8:30 am – 10:30am Marshalling: Pushcart Endurance event. (VicRoads Track)

12:30pm – 6pm Judging: Display & Presentation (Presentation Marquees)

OR

12:30pm – 6pm Marshalling: Obstacle Course (Presentation Marquees)

6pm: Ensure all assessment sheets and scores are returned to the Coordinator.

SATURDAY

9:45 am: Attend Day 3 briefing with Pushcart Coordinator (Stage, Track 1)

10:30am – 12pm Pushcarts Sprint Event (Track 1)

POST-EVENT: Provide post-event report and feedback to Pushcart and Event Coordinators.

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. Good communication skills.

Preferred

1. Valid Working with Children Check card.

6. SUPPORT / ASSISTANCE PROVIDED

- Catering will be available on-site at no cost during the event.
- Accommodation, including breakfast, may be provided during the event.
- Additional support and training may be negotiated upon request.

HOW TO APPLY

To apply, please Express your interest via <https://www.eb.org.au/volunteer/>

Want to know more or would like to discuss?

Contact the Energy Breakthrough Office on (03) 5461 0637 or volunteer@eb.org.au