

ENERGY breakthrough

**NOV
22-25
2012**

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<http://www.Facebook.com/racveb>

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Spring can only mean one thing...

It's spring time! It can mean sporting finals and holidays, then there might be exams for some. But the start of spring time can really only mean one thing: that the Energy Breakthrough is not far away!

By now, you'll surely be well into the preparation of your entry, just as we are well into organising this year's 22nd edition of the event. During spring, the days become longer and weather more enjoyable. You and your team mates can exercise and practice for longer (or with less winter woollies on) which has got to be a good thing!

As you enjoy the warmer weather, please take care when training, particularly if you are on roads used by cars and other motor vehicles.

You'll also be able to really start thinking about your Display & Presentation ideas and concepts, and probably start rehearsals too. No doubt the design and

construction of your entry will start to quicken now too, as the looming deadline of November 22 gets even closer.

The Energy Breakthrough team have been doing a bit of a 'spring spruce up', with the creation of a new 'Innovations in Technology' challenge called the 'Junkyard Challenge' and made modifications to the formats of the Pushcart Time Trial and Obstacle events.

We've also improved a section of the RACV Tracks to allow extra pit spaces, have a stellar line-up of interactive exhibitors for the Energy Expo and have launched the Better Place Electric Vehicle Incentive packages.

You can find out more about the Scrapyard Challenge in this newsletter, which has been developed by two of our Committee Members in conjunction with staff from Camp Hill Bendigo and LaTrobe University Bendigo.

Changes to the pushcart events will be outlined in the Information Kit to be sent to schools in the first week of November.

With a record 365 entries from 149 schools, we are set for wonderful time in Maryborough this November. You can check out the entry lists on our website.



Display and Presentation

Now is the time to start thinking about the Display and Presentation component of your entry.

It is worth noting that for HPVs, the Display & Presentation section is worth 25% of the overall score and for Triathlon 20%. This means that 1% of D & P is equal to more than 10 laps for the leading vehicles and so should not be treated lightly and good planning will help your campaign.

Schools are reminded to read the handbook for the judging criteria so that the maximum score can be obtained.

There will be up to 12 panels judging at the one time and therefore schools are reminded that no PA systems are allowed.

Any recorded music used should be kept at a volume so as to not interfere/disturb the nearby panels. Schools needing to use music as part of their Display and Presentation should seek approval before hand.

Schools will not be allowed to practice in the judging area while other schools are being judged.

Experience has shown that video projectors and the use of computers are not very effective in the outdoor judging area.

This is a good opportunity to prove the educational value of the RACV Energy Breakthrough. It is more than the adrenaline rush of the day.

For the first time last year, teams could display their posters/boards from the Display and Presentation in the Expo area. At the conclusion of your presentation, if you wish to display your students' hard work, then please take them to Norm in the Expo area.

Laurie Preston
Display and Presentations Coordinator

Marty's Musings

Maryborough's TENT CITY

This year's RACV Energy Breakthrough is set to be the biggest and best ever, with record entries and participants. The ever increasing number of entries reflects in even higher numbers of campers in Maryborough's picturesque Princes Park.

It is for this reason that the RACV Energy Breakthrough Local Planning Committee is encouraging all schools to camp in tents and has put a

COMPLETE BAN ON:

- Caravans
- Camper Vans
- Motor Homes
- Campers
- Horse Floats

Or any other modified Wheeled Sleeping Vehicle within the PRINCES PARK OVAL & HOCKEY FIELDS ADVENTURE PLAYGROUND CAMP SITES.



Please start planning your own "Tent City" and make the event an enjoyable one for all participants in 2012.

The **Maryborough Caravan Park** is also enforcing **restrictions** on the types of camping vehicles allowed in the Caravan Park. All teams intending to camp at the Maryborough Caravan Park should contact the operators on (03) 54604848.

The RACV Energy Breakthrough Local Planning Committee is very committed to improving the design of its camping areas, and will work in close collaboration with the Central Goldfields Shire Council Emergency Management Group to ensure that the layout of the entire site including the camping areas is the most effective for campers, management staff, volunteers, and emergency service provision.

Participating schools will receive notification regarding their camping requirements prior to the event, and will need to complete a Camping Proforma to assist with planning and event management.

Other important points to remember when planning your camping experience

•Over the years some schools have hired larger marquees which require big tent pegs to secure them down. The Central Goldfields Shire Council Parks & Gardens Department has requested that there are "No larger hire marquees placed on the camp grounds as they can cause enormous damage".

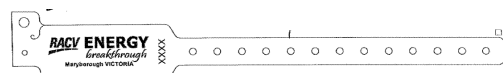
•Power in the camping areas is for lighting only. Campers will require gas fired cooking equipment.

•Car parking space is at a premium – please plan to car pool or use buses to travel to the event.

•Plan to be Water Wise and utilise the Recycling facilities provided at the event to ensure the event has the least possible impact on the environment.

Wrist Bands provided for all Campers on Designated Camping Grounds

Following on from the 2011 event, all



campers will receive an event wrist band. This will assist event organisers and security with managing the camping grounds, and aid in the identification of authorised people in camping areas. All campers should wear these event wrist bands for the duration of their stay on any of the designated camping grounds.

Martin Mark
Local Planning Coordinator



Innovations in Technology

The Committee is still accepting entries for the Innovations Section of the RACV Energy Breakthrough. This section offers more than it appears on the surface. The challenge of moving recycled material carrying a can of soft drink 8 m in a water tank, has more to it than you think.

How do you make it look like a water creature, float, go in a straight line and actually move? Plus more!!! There are quite a range of different propulsion methods that students can investigate.

The 2 pm sail-off on Saturday has a real buzz

so if you have students who are not involved in HPVs etc then this is an opportunity to challenge them.

Why not read the handbook and find out the details?

Late entries are still being accepted so please contact the RACV Energy Breakthrough Office to enter.



PIT LANE NEWS FLASH

In an innovation for the RACV Energy Breakthrough several teams have started using "Weed Mat" on the ground in the pits areas rather than carpet. **What a great idea!**

"Weed Mat" has so many advantages over carpet whilst also providing the same benefits of a clean and tidy, dust and mud free area for team members.

Some benefits of "Weed Mat" are:

- Lighter weight
- Easy to roll up & take home for re-use
- Won't get water sodden
- Decreased wastage for event organisers

Please consider utilising "Weed Mat" in your pit area rather than "Carpet" it has increased benefits for not only yourselves but also event organisers.

Sustainability @Energy Breakthrough

In the last newsletter I gave you the hint to document all the steps that you take during the year to reduce waste and maximize recycling as you design and develop your entry.

One of the key areas that judges in the 'Display and Presentation' section are looking for is Knowledge and Understanding, including knowledge of the aims and values of the Energy Breakthrough, highlights of the school and community participation, team planning, preparation and training and technical aspects of the development of the vehicle. Knowledge and understanding should be more than just theoretical, you should demonstrate how you have applied the

theory to development of your entry.

Some ideas are:

- Reusing last year's HPV – with improvements of course*
- Buying/using second-hand parts rather than new ones every time*
- Recycle all the bits left over - scrap steel etc.*
- Communicate electronically instead of paper*

I'm sure that you can think of lots more, just remember to tell the judges. Also describe how your school reduces its Ecological Footprint - solar power? Water tanks? Recycled content paper? Is your school certified ResourceSmart?

Help us achieve our Goal of a 40% Recycling Rate

Remember to get your support crew and parents and teachers involved in reducing the impact of your entry when you get to Maryborough by:

- Planning your meals including portion control so that you don't have any leftovers to throw away. Saves money too!*
- Buy in bulk, saves money and packaging*
- Know your recyclables – rigid plastic containers, paper, bottles and cans - all accepted in Maryborough*
- Don't just throw everything out at the end when you pack up, take back unused food and distribute it between team members*

Reduce your Ecological Footprint in 2012 for a real Breakthrough!

Grab your Coles Gift Card

Coles continues support of Energy Breakthrough

After supporting the 2011 RACV Energy Breakthrough, **COLES Maryborough** is once again supporting the event and the participating schools in 2012.

As part of their support **COLES Maryborough** will provide a **\$20 Gift Card** for all schools that sign up to their **COLES Customer Account Identification Card**.

COLES Customer Account Identification Card is a charge card system that provides a convenient, cost-effective way to better manage your supermarket expenditure.

You'll find more information on the card at www.colescustomeraccount.com.au

Schools attending this year's event that have a **COLES Customer Account Identification Card** can simply phone in their order (Ph 03 5460 3000) and the COLES team will arrange the stock and have it ready to be picked up a convenient time for the school.

\$20
Gift Card
for all
schools

To apply for the **COLES Customer Account Identification Card** simply contact COLES Client Services on **1300 651 425**.

To obtain the your **COLES Maryborough \$20 Gift Card** please present a copy of this article with your **COLES Customer Account Identification Card** at the COLES Maryborough store either before or during the event.



Visit the Onsite Coles Supermarket at the 2012 RACV Energy Breakthrough

A message from VicRoads:

VicRoads staff are gearing up for the Energy Breakthrough to celebrate all the hard work students have done throughout the year.

I was blown away by everyone's achievements last year and am looking forward to our third year as a key sponsor of the event.

Now is the time to get in some last minute training and brush up on your safety knowledge.

When you come and see us at the VicRoads station in the Scrutineering and Design and Construction area, we'll test you on what you've learned throughout the year, including pit procedure, track safety and regulations

All teams need experience and training before they take to the tracks, just as learner drivers need to gain experience driving in various road conditions and safety situations as part of the Graduated Licensing System.

Practice driving in varied conditions including wet weather, night driving and on different road surfaces and get to know your vehicle and how it handles various manoeuvres such as turning or passing.

It's all about safety, so be prepared, practice your safety skills and keep a record of your training and preparation in the Participant Log Book.

Don't forget to present your signed

Participant Licence at the VicRoads station so we know you have met safety requirements and you can move forward to the next stage of judging.

Good luck!
 Ewen Nevett
 VicRoads Regional Director





The Energy Expo

The 2012 Energy Expo is going to be a vital part of the 2012 RACV Energy Breakthrough.

The Energy Expo offers visitors and participants the chance to relax and take in the exciting atmosphere that engulfs the Princes Park Precinct in late November each year.

The unparalleled entertainment and fascinating energy efficient displays on show for all to see. This is the perfect place to become amazed and informed, all whilst enjoying a bite to eat from many of the delicious food vendors like Strawberries Galore or Pyrenees Baked Potatoes.

Two exhibitors of note which were big hits amongst the crowd was the Discovery Science and Technology stall which gave the participants a hands on science experience, and the interactive Vic Roads tent which provided a space for kids and young adults to explore the next step in gaining access to there own license.

The event team is also very excited about the presence of a brand new company exhibiting at the breakthrough. Rev Electric Bikes

specialise in transforming your personal bike into an electric powered cycling experience via the innovative conversion kits they sell. They also sell ready made electric rev bikes, and with names like Latte, Lil Rev Corvette and Solo Wheel you can be sure they are one of a kind. If you get the chance come over and learn how easy it is to convert your old bicycle into an efficient e-bike.

Whatever inspires you, whether it's the activities, scientific displays information, food or just the opportunity to enjoy a great day out, we encourage all to get involved.

The Energy Expo will operate on Friday 23rd and Saturday 24th of November from 10am – 6pm both days, and is located in the central action at the RACV Energy Breakthrough. An itinerary detailing times of activities and performances will be available in the Event Program, to ensure no one misses out on the fun.

For further information contact Energy Expo Coordinator, Tyson Macilwain on 03 5461 0678 or via email tysonm@cgoldshire.vic.gov.au.



Time to submit

As we gear up for this year's event, Team Managers are now called on to get their 'paperwork' in order. But this year, we're not talking traditional 'paperwork': we're using our new Online Entry System to allow teams to manage their own entry details.

Thanks to recent upgrades to the online system, Team Managers can now log-in to:

- Lodge their camping details
- Complete rider and support crew details
- Edit team names
- Edit contact details
- Request a team withdrawal
- Request a change of class

Team Managers can refer to our updated 'Step-by-Step Guide to our Online Entry System' to help them through the process. We believe that if all of the information is ready to go, it will take about 15 minutes to complete. All of this information is used to ensure the smooth running of the event and for emergency procedures.

Time to get started:

- Log-in to the Online Entry System
- Download the 'Step-by-Step Guide to our Online Entry System' http://www.racvenergybreakthrough.net/wp-content/uploads/2012/03/StepByStepGuideToOnlineEntries_V2_2012.pdf

Visiting by car?

The Local Planning Committee places an important emphasis on this aspect of the event by providing the schools with pre-event information (maps, and parking permits), directional signage throughout Maryborough and providing traffic management attendants to greet you on arrival.

If you are visiting by car you will be issued with a yellow car parking receipt when you pay the \$10 parking fee. This entitles your vehicle to be parked in any of the 'non-restricted' allocated event car parks for the duration of the event.

All schools staying on Princes Park will be issued with ONE red parking permit prior to the event which entitles one vehicle to be parked in any of the event car parks, including the restricted car parking areas.

Due to the events extreme popularity, the event continues to grow in terms of entries and subsequently visitors, we'd still like to encourage all those attending to make use of buses and/or car pools. This will not only make it a fun trip but reduce the total traffic impact on the event and most importantly it will save petrol!

The 2012 Access Plan will be made available through the Schools Information Kit, which will specify appropriate signage and entry points.

See you and your vehicle in November!

Fundraising with T-Shirts

In 2011 we designed and screen printed our team t-shirts in class. It was great fun and as a VCD teacher it is right up my alley. Our team "Hobo Leonidas" t-shirt was so popular other students were all hassling me for one. They kept catching me at recess and asking if they could buy one. Initially I thought...extra work and often replied with, "not this year guys".

Whilst trying to develop some fundraising ideas for 2012, we thought about the idea of selling reprints of the 2011 team t-shirts with just the logo on them. It seemed like a good idea. Cheap to produce and a small profit could be made. The idea seemed to evolve over a few months.

Students in class began coming up with all sorts of weird and wonderful designs that could become a good quality and fun t-shirt. We made fairly strict rules on no breaches of copyright and also ruled out anything possibly rude or offensive of course. This left us with 29 designs overall, a great effort from the students.

After the ideas were developed we then organised with the office ladies a

payment system. It was at this point we decided to steer from sourcing the t-shirts ourselves with a bulk order to alternatively making it a BYO t-shirt concept.

Essentially, the student would purchase a plain t-shirt and we would print their chosen design onto it. This opened up possibilities like singlets, hoodies, v-necks and any other thing we could print on. It also took some pressure off us as a team. We settled on a \$5 print fee, it seemed reasonably cheap and hard to go past. We also thought it might encourage students to get more than one design.

We have begun printing designs and things seem to be moving along well. We have opened a 2 week printing period.

We have a goal of raising around \$500 to pay for the spare front wheel, tyres, chains and new cordless drill we bought earlier on in the year. So for us that means printing 100 t-shirts.

We have a few staff that are even getting on board and there appears to be a touch of interest in the community as well. It's programs like this that tend to take a bit to get peoples head around it, but we are getting there!

Michael Rodgers
Energy Breakthrough Coordinator
Warracknabeal Secondary College





Vehicle Safety

Safety has always been a primary focus at EB, which is why the rules are refined and upgraded each year. Because your vehicle competed last year it DOES NOT mean it automatically complies for this year's event. Check the specifications in this year's handbook, it can be downloaded at – <http://www.racvenergybreakthrough.net/downloads/>

Changes to the rules are highlighted in blue and underlined . In most cases the differences are fairly minor or just a clarification of existing rules that were being misinterpreted. It is still important, however, to check your vehicle against these changes to ensure it still complies. Alterations are much easier to make now in your own workshop with time to work out the best solution, rather than having to do them quickly at the event. If you have any questions email or call Greg Hill at Greg_Hill@racv.com.au or 9790 2856.

While we're talking about the design of the vehicle, an often overlooked area of design is the ease of replacing parts and fixing the vehicle. In the event of a puncture or even an accident, how easy is your vehicle going to be to repair? Time spent in the pits fixing the vehicle is time wasted – you can't increase your lap count if you're not on the track. So look at your vehicle, think about what could go wrong and how easy it will be to replace. Then think about what



you can do to make it easier. Even a simple task like changing a wheel can become quite complicated when the bodywork is blocking your access to it.

It is also sensible to consider which parts of your vehicle could be damaged in an accident and whether spare parts should be brought to the event. Replacing a part rather than repairing it is often a much

better way to get the vehicle back on the track in the shortest amount of time possible. The clerk of course will be very strict this year on whether to let a vehicle back onto the track after it has had an accident. We will not accept any compromises in safety caused by poorly repaired parts. It is for this reason that the use of glue or

epoxy resin is not allowed for repairs - at the event it is impossible to tell whether a part has been repaired properly this way. Teams also need to remember that only an RACV Marshal can remove the sticker and let you back onto the track, the marshal's decision is final and you will only waste time by disagreeing with them.

In the last issue we talked about making sure that there is enough clearance around the rider's hands as in an accident there is a chance that the steering can move past the lock stops. This additional movement can

be reduced by having more effective lock stops on the vehicle. There are various ways of achieving the desired result but some lock stops are much better than others. The best design is a stop that acts on the actual hub or steering knuckle. This should provide a much more rigid stop. This type of design will also ensure that if a steering arm breaks in an accident, the wheel still can't move past the lock stop.

We'd also like to take this opportunity to remind teams that we aren't holding any pre-scrutineering events this year. Any team with a new vehicle that has protection bars made from composites must send pictures to the RACV technical contacts for approval. If you have concerns that a particular part of your design may not pass scrutineering please contact the technical contacts for advice.

EEV Specific Rules

In the past there have been some difficulties finding the cut out switches on hybrid vehicles when track marshals need to switch off the vehicle quickly. To improve the safety of occupants and marshals we will now require any cut-off switches to be clearly marked with a blue triangle.

It is also very important that teams securely mount their fuel tanks. There were some accidents last year where the fuel tank became loose and moved. This can be very dangerous. If the fuel tank starts to leak or a hose comes loose after an accident there is a very real danger of fire. Teams need to make sure that everything in their vehicle is securely mounted and able to withstand the forces of an accident.

Despite the general feeling that the allowance of mains power recharging last year was a success, we did have some concerns about it. These concerns have led to tighter rules as seen on page 71 of the handbook. In addition to the maximum current from the charger we now have restricted the physical dimensions of battery chargers.

We also require that all chargers and batteries use suitable connectors. We don't want to see any bare connections or alligator clips this year, the chances of a sleepy team member making a mistake in the middle of the night are too high.

“Junkyard” Challenge

For creative problem solvers and budding engineers

Introducing the new Junkyard Challenge for primary schools! Teams of 4 will be provided with a range of materials and required to create a structure that spans 1.5 metres within a three hour time limit. The bonus, there is no cost to enter!

Teams will begin with a Basic Pack of materials and have a mystery **Junkyard** pile that all teams can select from. The mystery pile is likely to include recycled items – some useful, some not! It will be up to the team to decide which materials they will use and how they will build their structure.

Mystery, Intrigue, Planning, Negotiating, Challenge, Competition.

Teams will start with a 20 minute discussion time and followed by 2 hours and 40 minutes to build their structure.

Each team may bring a mentor with them to help during the discussion phase to assist in the sharing of ideas, but not to participate in the construction of the structure.

Students may barter and swap with other teams what is in their BASIC PACKS during the time frame.

Finished Product: The structure **MUST** be able to support a 3 litre bottle of water (3kgs).

For further information and useful links please visit our website www.racvenergybreakthrough.net





“Breakthrough banks on bankmecu

The official banking partner of the 2012 RACV Energy Breakthrough.

Our ability to inspire ourselves and others to dream big, act big and achieve big things is the fuel that has fired participants of the RACV Energy Breakthrough for 22 years now, which is why bankmecu are once again proud to be involved in a program that inspires innovation and awareness of our relationship with mother earth, whom we rely on entirely for our existence.

At bankmecu, we believe in a more responsible approach to banking. It's a mission we stand by and one we action in a number of ways, both big and small.

We're owned by our customers and not investors. That means, as a customer, you have a say on the decisions we make. Even better, our profits are reinvested back into the bank to provide you with fairer fees and better interest rates.

Australia's first customer owned bank is officially one of the most sustainable too.

The idea of a customer owned bank isn't a new one, they were established in 19th Century Europe when people decided to pool their money together for their benefit as well as the entire community.

Since then, this model has spread all over the world, with hundreds of millions of people choosing to bank in a more responsible way.

bankmecu is Australia's first customer owned bank and we've been putting our customers first ever since 1957.

bankmecu
responsible banking™

Like all Australian banks, we're regulated by the Australian Prudential Regulation Authority. Unlike the other banks, though, we truly listen to our customers, put their needs first, and invite them to have a say on the decisions we make.

Our unconventional approach to banking is probably the reason why we've grown to become one of Australia's strongest and largest customer owned banks. And why, in 2010, we were recognised by Ethical Investor as Australia's most sustainable small company of the year.

Like the Energy Challenge, participation is the key and with 125,000 customer and growing, bankmecu through its commitment, focus, work practices and teamwork, create opportunities for people and communities to become stronger, healthier and more sustainable.

For more information on how bankmecu can assist you or your school, contact Greg Veal on 03 5320 0708 or via email greg.veal@bankmecu.com.au

Total Fire Bans

In the event of a TOTAL FIRE BAN being declared the following rules will apply:

- Campers will NOT be able to use BBQ's or other open air stoves.
- This ban will apply to the full 24 hours of the declared day.
- Event caterers only will be able to use BBQ's, if a permit is issued from the CFA, and they agree to meet all permit conditions.

Please note: Maryborough is in the North West Total Fire Ban Region (Region 15).

Extreme Temperatures

If the temperature exceeds 36 degrees, or if rainfall is very heavy for an extended period of time, organisers reserve the right to implement a range of staged strategies to reduce the likelihood of heat stress and pneumonia.

This includes compulsory breaks through to suspension of the trial for a period of time.

This will apply on both tracks and the decision is the responsibility of the Clerk of Course and organisers. Your full co-operation is requested during these times.

Are you fitter than a 6th grader?

2013 Cambodian team

The Rode RAGE team has committed itself to raising the funds to bring a team from the Cambodian Children's Trust Orphanage to the 2013 RACV Energy Breakthrough.

We would be very grateful for the assistance of all the other teams in the EB family and are hoping that all others schools might run their own fundraisers or commit to a gold coin donation from each person who attends Maryborough this year. We hope to make this a whole community project and we would also be very happy to hear from any other schools who would like to participate in the project in others ways.

The Cambodian team participation in 2013 will form part of the team's Khmer Rode RAGE program (www.roderage.com.au/khmer) which aims to highlight that Australian's are the world's biggest per capita greenhouse emitters but that it is people in the Third World and wildlife that pay the biggest penalties for our emissions. In January 2013, 13 students from all around Victoria and SA will travel to SE Asia to live and work at the Cambodian Children's Trust Orphanage (www.cambodianchildrenstrust.org) as well as the Wilderness Friends Foundation Thailand (www.wfft.org) wildlife sanctuary. We would also be grateful if you could encourage everyone in your team/school to like our www.facebook.com/khmerroderage page as our sponsors will donate more money for each like we get.

Our kids think that the best way to repay the debt they have for what they have gained from the RACV EB is to provide that opportunity to others... we hope you will join us.

A team of 31 grade six students from Jells Park Primary School have been training since the start of the year in preparation for the annual RACV Energy Breakthrough.

This will be the sixth year that Jells Park Primary school has entered the event and the 2012 team is the largest yet. The team has been training before school and after school, with training sessions run by parent and personal trainer, Mel Cheney.



Mel has introduced the team to new ways of improving their fitness and strength, working through physical training such as push ups, sit ups, squats, lunges, sprints, endurance runs, boxing and circuits.

"I have been working with the team of students with the aim of improving their general athletic performance and specifically targeting area of strength, speed, agility, endurance and flexibility. All of these elements are essential in helping them achieve their long-term goals for racing in November," said Mel

"We have worked on total body conditioning with a strong focus on the core and leg muscles, as these will be the driving force come race day."

The school's RACV EBT Coordinator, Mr Scott Zachariassen said the school was very fortunate to have Mrs Cheney on board.

"The dedication and time given by parents

and the wider community of Jells Park Primary School are paramount in the team not only competing but in producing great results. Mel has put lots of careful planning into every session to help the students develop as individuals and as part of a team," said Mr Zachariassen.

"The training sessions have not only developed the students knowledge and enthusiasm towards exercise but have

also led to an increase in teamwork and encouragement of each other's achievements."

Jells Park Primary School is fortunate to have parent involvement on many levels, not only with the fitness training, but also from help with pushcart construction to uniform designs.

Holden Planning Manager, Mike Jacobs, is on hand again as a 'Holden Mentor' this year to help students improve their fitness ahead of the big race.

"The support and enthusiasm from the school has grown this year, with more involvement from the students and the school community" said Mr Jacobs.

"With a strong foundation and a dedicated work ethic the team from Jells Park Primary School are certainly giving themselves the best opportunity to perform well at the 2012 RACV Energy Breakthrough."



Things to see & do

Why not stay a few days and see the spectacular sights in and around Maryborough?

MARY B Mini Golf - 18 hole mini golf, Lazer Tag Zap Zone, Jumping Castle, 35ft Drop Slide, 45ft Inflatable Obstacle Course, Party bookings plus much more

WALKING tour of historic buildings - touring majestic buildings, beautiful gardens and sporting grounds in Maryborough

CENTRAL Goldfields Art Gallery - a cultural facility of the Shire. The art gallery is situated in the picturesque historic fire station built in 1861, a short walk from the CBD.

CYCLE tracks - Explore the old gold towns of the region

SPORTS & Leisure Centre - 25m indoor heated pool, toddler pool and play structure, spa and sauna, gymnasium, group fitness/program room, cafe, two court stadium, massage clinic, skate park, and a 400m running track.

SKATE Park - A short walk from Princes Park; grind rails a very small bank 2x 5ft quarter pipes and a three stairs

REDHOUSE Funhouse - Children's indoor play centre catering for ages 1 – 12. \$6 entry for all day while you sit and enjoy bakery café style foods & coffee.

GOLDFIELDS Reservoir - An enjoyable 1.5 km walk through bush around the perimeter of the reservoir.

MARYBOROUGH Flour Mill Gallery - Deco Gecko; Art Deco and Retro furniture and collectibles display. Sew What Display; A century of sewing, a display of over 250 vintage antique and toy sewing machines. Art Exhibitions; display of local artists. Historical Display addressing the regions diverse history.

Don't forget to take some time out and experience some of our wonderful restaurants, cafes and shopping



More information

For accommodation and travel information
Call 1800 356 511 or Visit

www.visitmaryborough.com.au



Volunteer Opportunities

The RACV Energy Breakthrough simply wouldn't happen without the army of volunteers giving their time and energy!

Our 2012 Volunteering Information Kit aims to give you as much info as we can about how you can volunteer for the 22nd edition of the RACV Energy Breakthrough. You will find a range of roles, what's involved and the times required, before covering important stuff like accommodation, food and the vibe.

We need people with muscles who can help us set up, people who can plan or administrate, people who can marshal, people who have 'people skills' and people who love to entertain.

Volunteer Roles include:

- Judging
- Track Marshall
- Track Side Entertainment (Stage Work)
- On-Site News Reporter
- Basic IT Support
- Camping Co-ordinator Assistant
- Official / Online Video Producer

Age is no barrier we'd love to see new people become more involved in all aspects of the event.

You can download our 2012 Volunteering Information Kit from our website
www.racvenergybreakthrough.net



Holden Track Receives Upgrade

The Central Goldfields Shire Council has been busy undertaking upgrade works for the RACV Energy Breakthrough in the Princes Park Precinct in 2012.

The Holden Track which accommodates the HPVA, EEV, and Tryathlon Endurance Events has received upgrade

works on the track entrance to the Pit Lane which travels along the fire brigade training track.

These works should see a much smoother and fluent transition into the Pit Lane area, making for safer and improved track handling.

Feedback

Please email us at breakthrough@cgoldshire.vic.gov.au

Goldfields 99.1 FM Radio on site again

As in recent years, Community Radio Station Goldfields 99.1 FM will be on site at the 2012 RACV Energy Breakthrough.

Located in Maryborough, the station Will be on site all weekend giving

progress updates and interviews.

The voluntary organisation welcomes you to visit the website and keep up-date with the activities if you can't make it to the event.

www.goldfieldsfm.org.au



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