

2018 INFORMATION KIT  
PART B: INNOVATIONS

# ENERGY BREAKTHROUGH

21-25 NOVEMBER 2018 | MARYBOROUGH, VICTORIA

## POWERED BY IMAGINATION

THE PREMIER SCIENCE, TECHNOLOGY, ENGINEERING AND MATHS, ACTIVE LEARNING PROGRAM

A PARTNERSHIP BETWEEN



[eb.org.au](http://eb.org.au)



**Central Highlands Water is committed to environmental education.**

We are proud sponsors of the Innovations in Technology category of the Energy Breakthrough and are looking forward to helping provide hands-on learning opportunities for participants again this year.

**For more information about our education program, please contact:**

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# INNOVATIONS IN TECHNOLOGY

## THURSDAY 22 NOVEMBER

9am – 5pm

**Registration open**

Location: Administration Centre



## FRIDAY 23 NOVEMBER

9am – 5pm

**Registration open**

Location: Administration Centre

*Note: Innovations in Technology teams must register on Thursday or Friday.*

*Saturday registrations will only be completed by prior arrangement with organisers.*

## SATURDAY 24 NOVEMBER

9.00 am - 3.30 pm

**Crafty Design and Junkyard Challenge Assessment**

Location: Display & Presentation marquees

- Design & Construction
- Display & Presentation

11am - 1.30pm

**Junkyard Challenge**

Location: Display & Presentation Marquee

- Building, Testing constructions Presentation

2.00pm

**Crafty Design Performance Test**

Location: Water troughs, near Display & Presentation marquees

Approx 3.00 pm

**Presentation Ceremony**

Presentations will commence shortly after the completion of the Performance test.

Location: Near Water troughs

## SUNDAY 25 NOVEMBER

No activities

**\* PLEASE NOTE THAT THIS TIMETABLE IS SUBJECT TO AMENDMENTS.**

# ENTRY LISTS

## Crafty Design (Primary)

No.		School	Class
1	Lachie's Leeches	Carisbrook Primary School	Crafty Design A (Primary)
2	Cephalopod Squad	Carisbrook Primary School	Crafty Design A (Primary)
3	Glendal Stoneflies	Glendal Primary School	Crafty Design A (Primary)
4	Glendal Evil Claw Caddis	Glendal Primary School	Crafty Design A (Primary)
5	Glendal Scorpion Flies	Glendal Primary School	Crafty Design A (Primary)
6	Glendal Riffle Beetles	Glendal Primary School	Crafty Design A (Primary)
7	Glendal Water Beetles	Glendal Primary School	Crafty Design A (Primary)
8	Glendal Sleeping Bag Caddis	Glendal Primary School	Crafty Design A (Primary)
9	Mighty Saints 3	Ss Michael and John's Primary School	Crafty Design A (Primary)
10	Mighty Saints 4	Ss Michael and John's Primary School	Crafty Design A (Primary)
11	Marvellous Mayfly Larvae	St. Augustine's Primary School	Crafty Design A (Primary)
12	Brilliant Beetles	St. Augustine's Primary School	Crafty Design A (Primary)
13	Cray Cray Crayfish	St. Augustine's Primary School	Crafty Design A (Primary)

## Junkyard Challenge

No.	Team Name	School	Class
1	Team 2	Bendigo Homeschool Co-op	Junkyard Challenge A (Primary)
2	Redback Crane Constructors	Carisbrook Primary School	Junkyard Challenge A (Primary)
3	Junkyard Jibs	Carisbrook Primary School	Junkyard Challenge A (Primary)
4	Lucky Luffing Lifters	Carisbrook Primary School	Junkyard Challenge A (Primary)
5	Lemonition	Maryborough Education Centre	Junkyard Challenge A (Primary)
6	Animated Dream Team	Maryborough Education Centre	Junkyard Challenge A (Primary)
7	Junkyard MEC Team	Maryborough Education Centre	Junkyard Challenge A (Primary)
9	Mighty Saints 5	Ss Michael and John's Primary School	Junkyard Challenge A (Primary)
10	Mighty Saints 6	Ss Michael and John's Primary School	Junkyard Challenge A (Primary)
11	Team 1	St Therese's Primary School	Junkyard Challenge A (Primary)
12	Team 2	Maryborough Education Centre	Junkyard Challenge B (Secondary)



# CRAFTY DESIGN - SAIL OFF

2:00 pm: CRAFTY DESIGN Performance Test/Time Trial

Innovations in Technology - Crafty Design					
Sail off 2:00 pm Saturday 24/11/ 2018					
TANK 1			TANK 2		
1	Carisbrook Primary School	Lachie's Leeches	3	Glendal Primary School	Glendal Stoneflies
2	Carisbrook Primary School	Cephalopod Squad	4	Glendal Primary School	Glendal Evil Claw Caddis
11	St. Augustine's Primary School	Marvellous Mayfly Larvae	5	Glendal Primary School	Glendal Scorpion Flies
12	St. Augustine's Primary School	Brilliant Beetles	6	Glendal Primary School	Glendal Riffle Beetles
13	St. Augustine's Primary School	Cray Cray Crayfish	7	Glendal Primary School	Glendal Water Beetles
9	Ss Michael and John's Primary School	Mighty Saints 3	8	Glendal Primary School	Glendal Sleeping Bag Caddis
10	Ss Michael and John's Primary School	Mighty Saints 4			
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Crafts sail-off as per schedule above.

Each craft will sail off twice – weather permitting.

## Design, Construction, Display and Presentation Schedule

Innovations in Technology - Crafty Design Saturday 24/11/2018												
Time	Crafty Design			Crafty Design			Crafty Design			Crafty Design		
	Panel 1			Panel 2			Panel 3			Panel 4		
10:00 AM		1	Carisbrook Primary School  Lachie's Leeches		3	Glendal Primary School  Glendal Stoneflies		11	St. Augustine's Primary School  Marvellous Mayfly Larvae		10	Ss Michael and John's Primary School  Mighty Saints 4
10:30 AM		6	Glendal Primary School  Glendal Riffle Beetles		2	Carisbrook Primary School  Cephalopod Squad		4	Glendal Primary School  Glendal Evil Claw Caddis		12	St. Augustine's Primary School  Brilliant Beetles
11:00 AM		13	St. Augustine's Primary School  Cray Cray Crayfish		7	Glendal Primary School  Glendal Water Beetles		8	Glendal Primary School  Glendal Sleeping Bag Caddis		5	Glendal Primary School  Glendal Scorpion Flies
11:30 AM		10	Ss Michael and John's Primary School  Mighty Saints 4									
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2:00 pm: CRAFTY DESIGN Performance Test/Time Trial – Craft Sail-off as per schedule. Crafts will sail off twice - weather permitting.

# Junkyard

11:00AM Saturday 24/11/2018

<b>Innovations in Technology Junkyard Challenge 11:00 am Saturday 24/11/2018</b>		
1	Bendigo Homeschool Co-op	Team 2
2	Carisbrook Primary School	Redback Crane Constructors
3	Carisbrook Primary School	Junkyard Jibs
4	Carisbrook Primary School	Lucky Luffing Lifters
5	Maryborough Education Centre	Lemonition
6	Maryborough Education Centre	Animated Dream Team
7	Maryborough Education Centre	Junkyard MEC Team
9	Ss Michael and John's Primary School	Mighty Saints 5
10	Ss Michael and John's Primary School	Mighty Saints 6
11	St Therese's Primary School	Team 1
12	Maryborough Education Centre	Team 2
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