

# 2019 INFORMATION KIT

## PART B: PUSHCARTS

# ENERGY BREAKTHROUGH

20-24 NOVEMBER 2019 | 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)

Dear Pushcart Entrants,

Please find enclosed the Information for this year's Pushcart Event at the Energy Breakthrough.

It contains information relating to:

- The requirements in each section of the event.
- Scrutineering Checklist
- Timetables for each event.

We encourage you to carefully read through this Information Kit so that you and all the members of your team are fully aware of what is required. This includes parents and supporters of your team.

Please note the changes to the Endurance section and the requirement for your student Team manager to hand your completed Scrutineering Checklist to the Pushcart Scrutineers at the event.

**More Information:**

If you require further information on the event please contact the Energy Breakthrough on 54610 637 or [breakthrough@cgoldshire.vic.gov.au](mailto:breakthrough@cgoldshire.vic.gov.au)

Look forward to seeing you in Maryborough.

Yours sincerely,

**John Stafford**  
**Energy Breakthrough**

# IMPORTANT NOTICES

There are a number of issues that we would like to bring to your attention in relation to the Pushcart Event for 2019.

## 1. Safety Requirements:

It is important that before arriving in Maryborough that teams take all steps to ensure that both the pushcart and team members are safe to compete in all components of the event.

Teams are also encouraged to ensure that their vehicle fulfils all specifications thus ensuring the safety of other teams.

**Please check through all the areas outlined in the Scrutineering checklist and ensure that they are accommodated before arriving in Maryborough.** Student Team Managers are required to complete the Scrutineering Checklist prior to their scheduled Design & Construction time and present to Pushcart Scrutineers at the event.

## 2. Safety of Vehicle

Safety throughout the event is of high importance and as a result teams are expected to ensure that the vehicle and riders are safe, and have the required safety requirements (as detailed within the information in the website) at all times throughout the event.

*Could we please ask that all teams ensure that their vehicle fulfills all safety requirements including sharp edges, drive safety, padding, and the like prior to coming to Maryborough.*

## 3. Support Crew and Supporters:

We encourage all parties to support their teams. To ensure the highest level of safety; allowing judges to assess fairly; and providing all team members with an opportunity to participate on an equal basis, the following guidelines will exist for Support Crew and Supporters:

- entering onto to the race track while the Endurance, Sprint and Obstacle events are in progress is prohibited.
- running alongside, or pacing, the pushcart in events is prohibited.
- only team members are allowed in the Marquee while presenting to judges. (spectators will be able to view the presentations from outside the Marquee)
- assisting the team while they are presenting to judges or participating in track events is prohibited.

## 4. Assistance During Events:

If assistance is required during any event, marshals or judges will be available to assist team members where required. Judges/Marshals will be at each changeover point within the "Track Events" to assist team members if required.

*Parents, teachers and other support crew are asked not to enter onto the track until invited to by the judges or marshals.*



## 5. Teams

Teams will comprise of a minimum of eight members and a maximum of 10 members.

Please check out the information contained on the website for more information.

The requirement of having at least 50% females within a team stands regardless of the team size

## 6. Track events

- A Sprint relay, Obstacle and an Endurance Relay will test all aspects of vehicle design, construction and reliability as well as student fitness and teamwork.
- All teams must participant in all three elements.
- Points will be allocated on the basis of time for all events.
- Power for the vehicle must come solely from the single team member who is pushing the pushcart.
- The pusher may ride on the back of the cart while scooting along.
- Ultimate success on the track will depend as much upon fitness and teamwork as on the design of the vehicle.

### Sprint relay:

The sprint relay will be conducted over a 50 metre straight track with eight team members having a turn of pushing and driving.

*Points Allocation for the Sprint Relay:*

- Points will be allocated on the total team time recorded.  
That is: 15 points to the team recording the fastest time.

$$\text{Time Trial Score} = 15 - \left[ \left( \frac{X - Y}{Y} \right) \times 15 \right]$$

- Where Y = fastest team time recorded & X = team's own time

### Obstacle course:

Four team members will be required negotiate an Obstacle Course on both sealed and grassed surfaces.

*Points Allocation for Obstacle Course*

$$\text{Obstacle Course Score} = 10 - \left[ \left( \frac{X - Y}{Y} \right) \times 10 \right] - \text{Penalty}$$

- Where Y = fastest team time recorded (in seconds) & X = teams own time (in seconds).

### **Obstacle Rally – Penalties & Infringements:**

Infringement	Penalty Points
Contact with hay bale or barrier, loose seat belt and/or helmet,	0.2
Careless driving, contact with other vehicle, no seat belt, no helmet, incorrect pit change over	0.5
Very dangerous driving	1

### **Endurance Relay:**

- This relay will be conducted on the Regional Roads Victoria Track with eight team members each having a turn of pushing and driving.
- Each person will be required to push for approximately 150 metres, then drive for approximately 150 metres before change-over.
- The endurance will be run in a *time trial format*, that is, each team starting with a 20-30 second gap.
- Changeover points will be handed out at the Briefing Meeting on Friday morning.

### ***Points Allocation - Endurance Trial:***

- Points will be allocated on time taken to complete the trial by the team. That is, 15 points to the team recording the fastest time.
- Other finishers:  $(X/Y)$  multiplied by 15 = points
- Where Y = highest number of laps recorded & X = team's number of laps.

## **7. Compulsory Meeting:**

A compulsory meeting for one adult and the team captain will be held on ***Thursday 27<sup>th</sup> November at 6.15am sharp*** at the Rotunda situated near Obstacle Course.

# PUSHCARTS

## WEDNESDAY 20 NOVEMBER

1.00 pm – 5.00pm      **Registration open**  
Location: Administration Centre

## THURSDAY 21 NOVEMBER

All Day:      Teams arrive and set up camp

9.00 am      **Registration opens**  
Location: Administration Centre

1.00 pm - 6.00 pm      **Design and Construction & Scrutineering**  
Location: Presentation Marquees

6.15 pm      **Compulsory Meeting for Team Managers and one participant.**  
Location: Rotunda near Obstacle Course.

## FRIDAY 22 NOVEMBER

8.30 am – 10.30 am      **Endurance Event**  
Location: Regional Roads Victoria Track

12.30 pm – 6.00pm      **Display and Presentation**  
Location: Presentation Marquees

12.30 pm – 6.00 pm      **Obstacle Course**  
Location: Near Pushcart Marquees

## SATURDAY 23 NOVEMBER

10.30 am – 12noon      **Sprint Event**  
Location: Track 1

3.30 pm      **Presentation Ceremony (Primary)**  
Location: Stage in Energy Expo area

## SUNDAY 24 NOVEMBER

No activities

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

# **PUSHCART EVENTS**

- 1. Design and Construction**
- 2. Display and Presentation**
- 3. Track Events**

# DESIGN AND CONSTRUCTION

## Dismantle and Construction.

**Venue:** The Pushcart Marquee within the “Expo Area”.

**Times:** Thursday between 1.00pm and 6.00pm

- Teams have been allocated times – these are outlined at the back of this Information Kit.
- Teams are asked to report to the Pushcart Officials approximately 10 minutes prior to their allocated time.

After being allocated a construction space, teams dismantle the pushcart **PRIOR** to presenting to judges.

**Teams must make sure that their pushcart can fit within a box 10cm deep in its dismantled state.**

## What is Required of Teams:

Once judges arrive, the team of eight to ten need to demonstrate that they can rebuild the vehicle within thirty minutes.

The key elements in this area include:

- Use of Technology
- Design of Pushcart
- Use of Recycled materials
- Support of other people in design and construction
- Construction of pushcart
- Innovation in Design

After rebuilding the pushcart, the team will be engaged in a discussion about the student’s knowledge and understanding of their pushcart.

## Points Allocated:

A possible 30% of the total points will be allocated to this area.



# SCRUTINEERING

**Venue:** The Pushcart Marquee.

**Times:** Thursday, from 1.00pm to 6.00pm.

## **Scrutineering Schedule:**

The Scrutineering will be completed in the same location immediately following the team Design & Construction assessment.

Therefore all team members should participate and they will need to have their safety gear with them as outlined in the Energy Breakthrough website.

**PLEASE NOTE:** *Teams must register at the Administration Centre prior to Design & Construction and scrutineering.*

It is the responsibility of supervising staff to ensure that the vehicle meets **ALL** the specifications and safety requirements. Please check against information contained on the Energy Breakthrough website.

Student Team Managers are required to complete the Scrutineering Checklist prior to their scheduled Design & Construction time and present to Pushcart Scrutineers at the event.

Those teams who don't fulfill the requirements will need to rectify the areas identified prior to competing in any of the events.

# SCRUTINEERING CHECKLIST

School Name: \_\_\_\_\_

Team Number: \_\_\_\_\_

AREA	YES N/A	NO	Comments
<b>1. Design includes:</b> a. four wheels, roll / push bar, front steering. b. No car or bike parts except seat belts. c. Lock nuts / split pins / washers on moving parts especially axles to avoid movement.			
<b>2. Front protection:</b> a. Min 40 mm foam padding on front of pushcart			
<b>3. Brake operation:</b> a. Is effective and has definite <b>off</b> position b. Operates on at least one rear wheel c. Brake operated by driver.			
<b>4. Wheel size</b> (inc. tyres) less than <b>251 mm</b> in diameter			
<b>5. Front wheels</b> not touching any other part of the cart at full left or right steering lock			
<b>6. Steering</b> by the driver, not the pusher.			
<b>7. If Rope steering:</b> the rope must have at least <b>300mm of plastic tube</b> or other reinforcing material on both sides closest to the connected point of wheels.			
<b>8. No protruding bolts or jagged edges</b> a. design is free of protrusions or other features capable of causing interference or injury to fellow competitors or spectators.			
<b>9. Driver protection:</b> Roll/push bar (roll bar must be at least 100mm above the tallest team members when sitting in seat.			
<b>10. Seatbelt - Type</b> a. an approved (Australian Design Rules) adult three point (minimum) automotive static or inertia reel seat belt. b. Automotive full harness types are acceptable.			

<ul style="list-style-type: none"> <li>c. The seat belt will be completely standard, inc. buckle, stitching and mounting plates.</li> <li>d. Seat belts must be adjustable to fit all individual team members.</li> </ul>			
<b>11. Seatbelt – Mounting</b> <ul style="list-style-type: none"> <li>a. mounted to a major structural, non-moving member of the pushcart.</li> <li>b. Upper belts mounted behind the rider's shoulders, to suitably braced points on the roll bar.</li> </ul>			
<b>12. Rear step stability</b> <i>If a rear step is installed to enable the pusher to scoot the vehicle, the cart must be stable while the heaviest pusher is standing on the step and the lightest driver is sitting in the pushcart.</i>			
<b>13. Two identification panels</b> each 200 mm x 200 mm: <ul style="list-style-type: none"> <li>a. One on front</li> <li>b. One on left side of pushcart</li> <li>c. must not constitute a danger to pusher or driver.</li> </ul>			
<b>14. Safety Gear</b> <ul style="list-style-type: none"> <li>a. Each member of the team must have:</li> <li>b. knee pads</li> <li>c. elbow pads,</li> <li>d. an approved bicycle helmet, and</li> <li>e. protective gloves.</li> </ul>			

### Additional Comments / Actions Required

**Note:** Please copy this Scrutineering Checklist, have your student team manager complete the checklist and then hand the completed form to the Pushcart Scrutineers.

# DISPLAY AND PRESENTATION

**Venue:** The Pushcart Marquee.

**Times:** Each team has been allocated a time on [Friday between 12.30pm and 6.00pm](#)

- Times are outlined in detail at the back of this Booklet.
- Teams are asked to report to the Pushcart Officials approximately 15 minutes prior to their scheduled time.

## What is Required of Teams:

- Each team will be required to provide a presentation of at least 20 minutes to judges, followed by question time.
- A display surface and access to power will be available.
- The display can take the form of your choice but must fit within a display area of 2 metres X 2 metres X 2 metres. The use of videos, tapes, etc. is permissible on the basis that teams provide their own equipment.
- A maximum of ten team members can participate in the presentation.

***Teams are to ensure that their display and presentations occur within the required display area, size and time allowance.***

The key elements in this area include:

- Team work
- Planning and Building process
- Student learning
- The presentation
- Links with school curriculum.

## Points Allocation:

A possible 30% of the total points will be allocated to this area.

# TRACK EVENTS

Within the Track Events each team will be required to participate in the “Obstacle Event”, “Endurance Event” and “Sprint Event.”

## ***(a) Obstacle event***

**Venue:** Adjacent to the Pushcart Marquee.

**Times:** **Friday between 12.30pm and 6.00pm**

- Teams have been allocated times – these are detailed at the back of this Booklet.
- Teams are asked to report to the Pushcart Officials approximately 5 minutes prior to their time.

### **What is Required of Teams:**

The Obstacle Course will comprise:

- a course with a number of obstacles located on both grass and asphalt.
- [eight nominated team members comprising at least four females will be required to complete the course. 4 will be nominated drivers and 4 pushers](#)
- [each pair will be required to negotiate one circuit of the course before handing over to the next pair](#)

*Teams will have the opportunity to look over the course prior to the “Official Trial”.*

### **Points Allocation:**

- A possible 10% of the total points will be available.
- Points will be allocated according to the time required to complete the course.
- A penalty of 5 seconds will be incurred for each obstacle not successfully negotiated. This includes moving a cone, leaving the changeover area before safe to do so or missing an obstacle.

**(b) Endurance Event:**

**Venue:**            **Regional Roads Victoria Track**

**Time:**             Friday between **8.30am and 10.30am**

*The event will follow a Time Trial approach. Pushcarts will leave the start line in 30 second intervals. There will be no heats this year.*

The Endurance event will take place on a circular street track – a section of the Regional Roads Victoria Track.

Each team member will be required to push approximately 200 metres and drive 200 metres.

**What is Required of Teams:**

- The Endurance event will require the teams of eight to split into pairs (with at least one in each pair being a girl).
- Each member of the team must have a turn of pushing and steering during the event.
- Pairs “1” will start the event with pairs “2”, “3”, and “4” being allocated changeover points around the **Regional Roads Victoria Track**. Maps of changeover points will be provided at the Briefing Meeting.
- Each pair is required to:
  - take the pushcart from their starting point to a changeover point – approximately 200 metres.
  - At this point team members swap positions (ie the driver becomes the pusher and vice versa) and take the pushcart to the next changeover point.
  - Hand the pushcart over to the next pair who will follow the same format.
  - This process will occur for all pairs.
  - Pairs will changeover at designated locations around the **Regional Roads Victoria Track**
- Each team will complete a total of two laps of an amended circuit After travelling down the front straight, Pushcart teams will turn left after Marshal Point 1 rather than turn right. The will re-join the circuit between Marshal Points 4 and 5.
- Penalties are allocated for breach of safety requirements, non team members on the track or pacing, leaving changeover points before safe to do so, and unsafe driving.

**Points Allocation**

- Teams will be allocated points on the basis of time recorded in their heats, taking into account any penalties accrued.
- A possible 15% of total points will be allocated to this area.



**(c) Sprint Event:**

**Venue:** Track 1

**Time:** 10.30am on Saturday.

*Teams have been allocated heats – these are detailed at the back of this Information Kit*

**What is Required of Teams:**

- The Sprint Event will require teams of eight to split into pairs (with at least one in each pair being a female).
- Each pair is required to complete the following:
  - take the pushcart approximately 50 metres to a “bay”:
  - stop in the “bay” - swap positions: turn the pushcart around (or vice versa)
  - take pushcart back to the starting “bay” for the next pair to take over.
- Each of the four pairs is required to have a turn.
- Teams must not leave the “bays” until the seat belt is secured.
- Penalties will be incurred if the team goes outside designated changeover “bays”, leaves the bay without securing seat belts or veers into another team’s lane on the course.

**Points Allocation:**

- Teams will be allocated points on the basis of time recorded in their heats, taking into account any penalties accrued.
- A possible 15% of the total points will be allocated to this area.

# TEAMS AND TIMETABLES

TEAM NO.	SCHOOL	CLASS	TEAM NAME
1	St Catherines Primary School	A2 (more than 200 students)	Team 1
2	St Catherines Primary School	A2 (more than 200 students)	Team 2
3	Deniliquin North Public School *	A1 (200 or less students)	Deni Dragons
4	Eppalock PS	A1 (200 or less students)	Eppalock Pushcarts
5	Great Western Primary School	A1 (200 or less students)	Team 1
6	Lockington Consolidated	A1 (200 or less students)	Locky Storm
7	Lockington Consolidated	A1 (200 or less students)	Locky Lawnmowers
8	Ouyen P-12 College	A1 (200 or less students)	Team 1
9	St Josephs PS Red Cliffs	A1 (200 or less students)	Swift Saints
10	St Mary's Warracknabeal	A1 (200 or less students)	Team 1
11	St. Josephs PS Rochester	A1 (200 or less students)	Rochy Rovers
12	Stawell West Primary School	A1 (200 or less students)	Team 1
13	Stawell West Primary School	A1 (200 or less students)	Team 2
14	Beaconsfield Upper PS	A2 (more than 200 students)	Team 2
15	Beaconsfield Upper PS	A2 (more than 200 students)	Team 1
16	Bonbeach Primary School	A2 (more than 200 students)	Bandits
17	Carisbrook Primary School	A2 (more than 200 students)	Team 1
18	Epping Primary School	A2 (more than 200 students)	Epping Spartans 1
19	Epping Primary School	A2 (more than 200 students)	Epping Spartans 2
20	Epsom Primary School	A2 (more than 200 students)	Team 1
21	Epsom Primary School	A2 (more than 200 students)	Team 2
22	Glendal Primary School	A2 (more than 200 students)	Push Me
23	Glendal Primary School	A2 (more than 200 students)	Push Me First
24	Holy Rosary PS White Hills *	A2 (more than 200 students)	HR Pushstars
25	Holy Rosary PS White Hills *	A2 (more than 200 students)	HR Pushstars 2
26	Jells Park Primary School	A2 (more than 200 students)	Vortex
27	Jells Park Primary School	A2 (more than 200 students)	Thunder
28	Jells Park Primary School	A2 (more than 200 students)	Lightning
29	Kingsley Park Primary School	A2 (more than 200 students)	Team 1
30	Kingsley Park Primary School	A2 (more than 200 students)	Team 2
31	Lloyd Street Primary School	A2 (more than 200 students)	Team 1
32	Maryborough Education Centre	A2 (more than 200 students)	Team 1
33	Mornington Primary School	A2 (more than 200 students)	Team 1
34	Mornington Primary School	A2 (more than 200 students)	Team 2
35	Overport Primary School	A2 (more than 200 students)	Team 1
36	Overport Primary School	A2 (more than 200 students)	Team 2
37	Overport Primary School	A2 (more than 200 students)	Team 3
38	Pleasant Street Primary School	A2 (more than 200 students)	Team 1
39	Pleasant Street Primary School	A2 (more than 200 students)	Team 2
40	Rangebank Primary School	A2 (more than 200 students)	Rangebank Rockets
41	Rangebank Primary School	A2 (more than 200 students)	Rangebank Allstars
42	Rowellyn Park Primary School	A2 (more than 200 students)	Rowellyn Road Runners

TEAM NO.	SCHOOL	CLASS	TEAM NAME
43	Rowellyn Park Primary School	A2 (more than 200 students)	Rowellyn Racing Rockets
44	Ss Michael and John's PS	A2 (more than 200 students)	St Michael and John's P.S. 1
45	St Patrick's Primary School	A2 (more than 200 students)	Oscar the Grouch's Waste Warriors
46	St Patrick's Primary School	A2 (more than 200 students)	Lightning McQueen's Rubbish Reducers
47	St Therese's Primary School	A2 (more than 200 students)	Team 1
48	St Therese's Primary School	A2 (more than 200 students)	Team 2
49	St. Augustine's Primary School	A2 (more than 200 students)	Team 1
50	St. Augustine's Primary School	A2 (more than 200 students)	Team 2
51	St. Augustine's Primary School	A2 (more than 200 students)	Team 3
52	St. Augustine's Primary School	A2 (more than 200 students)	Team 4
53	Tooradin Primary School	A2 (more than 200 students)	Mozzie Bites
54	Yarrawonga College P-12	A2 (more than 200 students)	Team 1
55	Yarrawonga College P-12	A2 (more than 200 students)	Team 2

\* = new school

# TIMETABLES

## Design and Construction & Scrutineering:

### Design & Construction Thursday 21/11/2019

Time		No	Team		No	Team
1.00 PM	20A			23A	1	St Catherines Primary School
	21A	54	Yarrowonga College P-12	24A	29	Kingsley Park Primary School
	22A	3	Deniliquin North Public School	25A	45	St Patrick's Primary School
1.30 PM	20B	18	Epping Primary School	23B	49	St. Augustine's Primary School
	21B	37	Overport Primary School	24B	55	Yarrowonga College P-12
	22B	41	Rangebank Primary School	25B	13	Stawell West Primary School
2.00 PM	20A	26	Jells Park Primary School	23A	8	Ouyen P-12 College
	21A	32	Maryborough Education Centre	24A	2	St Catherines Primary School
	22A	39	Pleasant Street Primary School	25A	14	Beaconsfield Upper Primary School
2.30 PM	20B	17	Carisbrook Primary School	23B	20	Epsom Primary School
	21B	31	Lloyd Street Primary School	24B	9	St Joseph's Primary School
	22B	47	St Therese's Primary School	25B	6	Lockington Consolidated School
3.00 PM	20A	35	Overport Primary School	23A	33	Mornington Primary School
	21A	5	Great Western Primary School	24A	38	Pleasant Street Primary School
	22A	24	Holy Rosary Primary School White Hills	25A	42	Rowellyn Park Primary School
4.00 PM	20B	15	Beaconsfield Upper Primary School	23B	50	St. Augustine's Primary School
	21B	21	Epsom Primary School	24B	11	St. Josephs Primary school Rochester
	22B	27	Jells Park Primary School	25B	40	Rangebank Primary School
4.30 PM	20A	10	St Mary's Warracknabeal	23A	46	St Patrick's Primary School
	21A	12	Stawell West Primary School	24A	36	Overport Primary School
	22A	19	Epping Primary School	25A	48	St Therese's Primary School
5.00 PM	20B	57	Allansford & District PS	23B	43	Rowellyn Park Primary School
	21B	28	Jells Park Primary School	24B	16	Bonbeach Primary School
	22B	34	Mornington Primary School	25B	51	St. Augustine's Primary School
5.30 PM	20A	44	Ss Michael and John's Primary School	23A	30	Kingsley Park Primary School
	21A	52	St. Augustine's Primary School	24A	53	Tooradin Primary School
	22A	7	Lockington Consolidated School	25A	56	Allansford & District PS

# TIMETABLES

## Endurance Event:

Pushcart Endurance - Friday 22/11/2019				
Teams to Report to marshalling area by 8.00 am				
12	Stawell West Primary School		27	Jells Park Primary School
24	Holy Rosary Primary School White Hills		11	St.Josephs Primary school Rochester
29	Kingsley Park Primary School		35	Overport Primary School
51	St. Augustine's Primary School		7	Lockington Consolidated School
5	Great Western Primary School		38	Pleasant Street Primary School
37	Overport Primary School		34	Mornington Primary School
54	Yarrawonga College P-12		43	Rowellyn Park Primary School
42	Rowellyn Park Primary School		9	St Joseph's Primary School
2	St Catherines Primary School		55	Yarrawonga College P-12
Teams to Report to marshalling by 8.30 am				
46	St Patrick's Primary School		39	Pleasant Street Primary School
40	Rangebank Primary School		33	Mornington Primary School
3	Deniliquin North Public School		48	St Therese's Primary School
10	St Mary's Warracknabeal		20	Epsom Primary School
52	St. Augustine's Primary School		56	Allansford & District PS
14	Beaconsfield Upper Primary School		36	Overport Primary School
28	Jells Park Primary School		1	St Catherines Primary School
44	Ss Michael and John's Primary School		6	Lockington Consolidated School
16	Bonbeach Primary School		31	Lloyd Street Primary School
Teams to Report to marshalling area by 9.00 am				
50	St. Augustine's Primary School		8	Ouyen P-12 College
21	Epsom Primary School		15	Beaconsfield Upper Primary School
41	Rangebank Primary School		17	Carisbrook Primary School
26	Jells Park Primary School		19	Epping Primary School
13	Stawell West Primary School		45	St Patrick's Primary School
49	St. Augustine's Primary School		53	Tooradin Primary School
32	Maryborough Education Centre		18	Epping Primary School
47	St Therese's Primary School		30	Kingsley Park Primary School
57	Allansford & District PS			#N/A

# TIMETABLES

## Display and Presentation

Pushcart Presentations - Friday 22/11/2019							
TIME	PANEL		TEAM	PANEL	NO	TEAM	
12.30 PM	20A	1	St Catherines Primary School	24A	6	Lockington Consolidated School	
	21A	12	Stawell West Primary School	25A	14	Beaconsfield Upper Primary School	
	22A	18	Epping Primary School	26A	20	Epsom Primary School	
	23A			27A	26	Jells Park Primary School	
1.00 PM	20B	49	St. Augustine's Primary School	24B	29	Kingsley Park Primary School	
	21B	33	Mornington Primary School	25B	38	Pleasant Street Primary School	
	22B	3	Deniliquin North Public School	26B	5	Great Western Primary School	
	23B	8	Ouyen P-12 College	27B	9	St Joseph's Primary School	
2.00 PM	20A	7	Lockington Consolidated School	24A	2	St Catherines Primary School	
	21A	15	Beaconsfield Upper Primary School	25A	13	Stawell West Primary School	
	22A	21	Epsom Primary School	26A	19	Epping Primary School	
	23A	27	Jells Park Primary School	27A			
2.30 PM	20B	30	Kingsley Park Primary School	24B	50	St. Augustine's Primary School	
	21B	39	Pleasant Street Primary School	25B	35	Overport Primary School	
	22B	54	Yarrawonga College P-12	26B	34	Mornington Primary School	
	23B	10	St Mary's Warracknabeal	27B	11	St. Josephs Primary school Rochester	
3.00 PM	20A	28	Jells Park Primary School	24A	40	Rangebank Primary School	
	21A	51	St. Augustine's Primary School	25A	42	Rowellyn Park Primary School	
	22A	36	Overport Primary School	26A	45	St Patrick's Primary School	
	23A	16	Bonbeach Primary School	27A	47	St Therese's Primary School	
4.00 PM	20B	56	Allansford & District PS	24B	55	Yarrawonga College P-12	
	21B	17	Carisbrook Primary School	25B	24	Holy Rosary Primary School White Hills	
	22B	31	Lloyd Street Primary School	26B	32	Maryborough Education Centre	
	23B	44	Ss Michael and John's Primary School	27B	53	Tooradin Primary School	
4.30 PM	20A	52	St. Augustine's Primary School	24A	37	Overport Primary School	
	21A	41	Rangebank Primary School	25A	48	St Therese's Primary School	
	22A	43	Rowellyn Park Primary School	26A	57	Allansford & District PS	
	23A	46	St Patrick's Primary School	27A			



# TIMETABLES

## Obstacle Course

### Pushcart Obstacle Friday 22/11/2019

<b>TIME</b>		<b>No</b>	<b>Team</b>		<b>No</b>	<b>Team</b>
12.30 PM		54	Yarrowonga College P-12		34	Mornington Primary School
		10	St Mary's Warracknabeal		11	St. Josephs Primary school Rochester
		28	Jells Park Primary School		40	Rangebank Primary School
		51	St. Augustine's Primary School		42	Rowellyn Park Primary School
1.15 PM		36	Overport Primary School		45	St Patrick's Primary School
		16	Bonbeach Primary School		47	St Therese's Primary School
		56	Allansford & District PS		55	Yarrowonga College P-12
		17	Carisbrook Primary School		24	Holy Rosary Primary School White Hills
2.00 PM		31	Lloyd Street Primary School		32	Maryborough Education Centre
		44	Ss Michael and John's Primary School		53	Tooradin Primary School
		52	St. Augustine's Primary School		37	Overport Primary School
		41	Rangebank Primary School		48	St Therese's Primary School
2.45 PM		43	Rowellyn Park Primary School		57	Allansford & District PS
		46	St Patrick's Primary School			
		1	St Catherines Primary School		6	Lockington Consolidated School
		12	Stawell West Primary School		14	Beaconsfield Upper Primary School
3.30 PM		18	Epping Primary School		20	Epsom Primary School
					26	Jells Park Primary School
		49	St. Augustine's Primary School		29	Kingsley Park Primary School
		33	Mornington Primary School		38	Pleasant Street Primary School
4.15 PM		3	Deniliquin North Public School		5	Great Western Primary School
		8	Ouyen P-12 College		9	St Joseph's Primary School
		7	Lockington Consolidated School		2	St Catherines Primary School
		15	Beaconsfield Upper Primary School		13	Stawell West Primary School
5.00 PM		21	Epsom Primary School		19	Epping Primary School
		27	Jells Park Primary School			
		30	Kingsley Park Primary School		50	St. Augustine's Primary School
		39	Pleasant Street Primary School		35	Overport Primary School

# TIMETABLES

## Sprint Event

### SPRINT SCHEDULE – Saturday 23/11/2019

**Teams in Heat 1 - 7 report to marshalling area at 10.00am.**

**Teams in Heats 7 - 14 report to marshalling area at 10.45 am**

<i>Heat</i>		<i>No</i>	<i>Team</i>	<i>Heat</i>		<i>No</i>	<i>Team</i>
<b>1</b>		1	St Catherines Primary School	<b>8</b>		29	Kingsley Park Primary School
		57	Allansford & District PS			33	Mornington Primary School
		16	Bonbeach Primary School			37	Overport Primary School
		49	St. Augustine's Primary School			41	Rangbank Primary School
<b>2</b>		2	St Catherines Primary School	<b>9</b>		43	Rowellyn Park Primary School
		56	Allansford & District PS			34	Mornington Primary School
		8	Ouyen P-12 College			38	Pleasant Street Primary School
		11	St.Josephs Primary school Rochester			48	St Therese's Primary School
<b>3</b>		3	Deniliquin North Public School	<b>10</b>		5	Great Western Primary School
		6	Lockington Consolidated School			35	Overport Primary School
		9	St Joseph's Primary School			39	Pleasant Street Primary School
		12	Stawell West Primary School			42	Rowellyn Park Primary School
<b>4</b>		13	Stawell West Primary School	<b>11</b>		32	Maryborough Education Centre
		17	Carisbrook Primary School			36	Overport Primary School
		21	Epsom Primary School			40	Rangbank Primary School
						44	Ss Michael and John's Primary School
<b>5</b>		14	Beaconsfield Upper Primary School	<b>12</b>		45	St Patrick's Primary School
		18	Epping Primary School			50	St. Augustine's Primary School
						55	Yarrawonga College P-12
		26	Jells Park Primary School			53	Tooradin Primary School
<b>6</b>		15	Beaconsfield Upper Primary School	<b>13</b>		46	St Patrick's Primary School
		19	Epping Primary School			51	St. Augustine's Primary School
						10	St Mary's Warracknabeal
		27	Jells Park Primary School			30	Kingsley Park Primary School
<b>7</b>		54	Yarrawonga College P-12	<b>14</b>		47	St Therese's Primary School
		20	Epsom Primary School			52	St. Augustine's Primary School
		24	Holy Rosary Primary School White Hills			31	Lloyd Street Primary School
		28	Jells Park Primary School			7	Lockington Consolidated School

