



Tasmanian Model Solar Challenge



Challenge 2012

The Tasmanian Model Solar Challenge invites interested teachers and students from schools to:

- Get a small Solar Panel
- Connect it to a motor
- Design and build a model car or boat and race it at the Tasmanian Model Solar Challenge and HAVE FUN.

The Tasmanian Model Solar Challenge began in 1992, as a model solar car race, and has been held in October each year ever since. A boat race was added to the program in 1995 and a sprint car race then included in 2008, both aimed mainly at primary and early secondary school students.

To compete in these events students must build a model boat or car that satisfies a set of design rules and then power it with solar panels.

The Model Solar Challenge encourages students to participate and become interested in learning about science and technology by providing them with a fun engineering experience that links the curriculum they undertake in their classrooms with a real life experience.

Events

The 2012 TMSC will be held on October 25th at New Town HS (AIMSC car and boat events) and on November 21st at John Paul II PS (Sprint car event).

1. AIMSC Solar Car Challenge

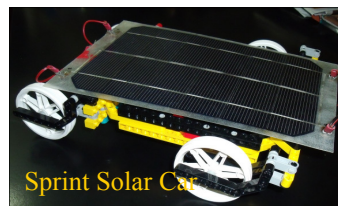
This challenge is open to students up to year 12 and sees 2 cars race at a time side by side on a 100m long figure 8 track. Top teams at the TSMC will then be selected to compete at the national event in Melbourne.



AIMSCC Solar Car

2. TMSC Sprint Car Challenge

This challenge is a simpler and lower cost version of the AIMSCC car event and sees 2 cars race at a time on a 15m long straight sprint track. Although also open to students up to year 12, this event is mainly aimed at younger primary and early secondary school students.



Sprint Solar Car

3. AIMSC Solar Boat Challenge

This challenge is split into a junior and senior division for primary and secondary students and involves wire-guided solar powered boats competing against one another in a 10m long pool.



Solar Boat

For more information and competition rules & updates please visit the Tasmanian Model Solar Challenge website at www.tassolarchallenge.org

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