## Technology's worth a medal



Joel Anderson and Brady Yeates pouring the molten metal into the moulds.



Fitter and turners Brady and Joel with some freshly cast medallions.



IT IS more than fitting that a hotbed of technological innovation should have been the place where the winning medals for the 2010 Technology Challenge have been

Out of temperatures of 1000 degrees Celsius and beyond, 136 bronze red-hot medals have been poured and finely crafted by the team at Olds Engineering in Mary-

Father-and-son team Peter and Robert Olds have used time-honoured techniques at their North Street foundry where invention and innovation are a daily in-

Their link to next weekend's Tech Challenge is nigh on perfec-

"The medals are hand crafted by skilled locals using a 6000-yearold-process and the latest technology. First the new design is prepared on computers and then cut by a laser into the face pieces used on the foundry patterns,' Robert Olds said.

"Bronze is the metal of choice because the oldest known castings were made from this.

Every medal is unique because an individual handmade sand casting is used each time with a



Robert Olds with some freshly cast medallions for the Technology Challenge.

slightly different textured surface resulting from each mould.

The "faultless" medals are ground and hand finished smooth on linishers, hand filed to de-burr, and buffed ready for the final inspection. All the runners and off-cuts are recycled in the next

melt. Any castings with blemishes or faults are returned to the crucible and remelted in the furnace.

The RACQ Technology Challenge on September 11-12 is Queensland's largest youth and technology event. Maryborough's city streets are

primary and secondary schools throughout the state racing human powered vehicles, smilie pushcarts, CO2 dragsters, solar boats and cars, as well as leading

Photos: ALISTAIR BRIGHTMAN 10h1836c

meet with over 2000 students from

robots in dance, rescue and race.

transformed into a super race

STUCK FOR A GIFT IDEA? HOW ABOUT A CHRONICLE SUBSCRIPTION? 4120 1000



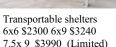


killion W41 Zinc Double \$1990



Gable W41 colour trim Double \$2300 Single \$1500







7.5x9 \$7990 Limited colours 2.4 m high with 17.5 degree pitch



Lawn lockers with assembled wall frames in various sizes



Optional lofts. Various sizes available 9m wide 7m deep \$7990



Various sizes of open front sheds 9x12x3 6 (30x40x12) feet) \$8900

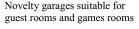


Harvey Bay Agency



Corro or traditional Hardi board 3 bedroom kits from \$16990







Commercial and industrial buildings 36m x18m x 6m \$\$54900 4 Industrial doors (4.2x4.5) 4 Windows 1200x1800

**Phone 1300 351422 Fax: 32598670** Shed 6B 102 Islander Road Hervey Bay www.aussie-1.com.au Mobile: 0488 351 000 email: mick@aussie-1.com.au



Authorised by the Queensland Government, George St, Brisbane.

Be part of creating a more inclusive Queensland

הר randstad

Queensland