

Independent Schools Expo

PART TWO



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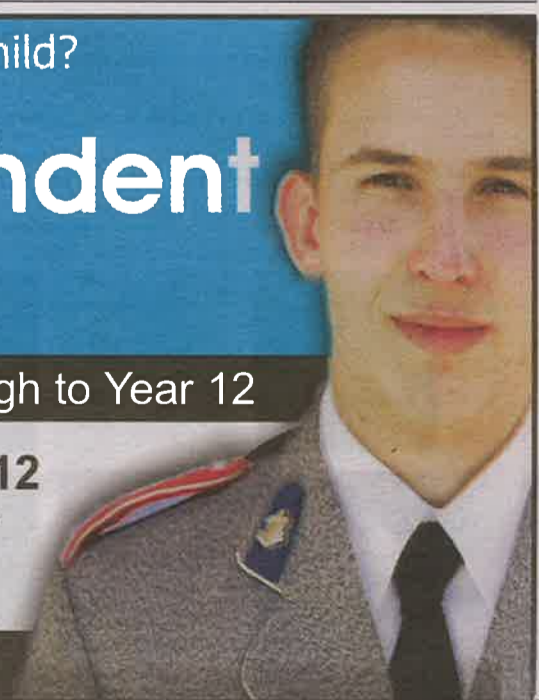
Sydney Independent Schools' Expo

On display will be boys, girls and co-ed schools from Preschool through to Year 12

Schools represented include:
 Day & Boarding Schools
 City, Country & International Schools
 Church & Grammar Schools
 Performing Arts Schools

Saturday 10th & Sunday 11th March 2012
MacLaurin Hall, University of Sydney
Free Entry - 10am to 4pm both days

Helping you choose the right school www.schoolexpo.com.au





Maths master ... award winner Isobel King from Loreto Normanhurst. Photo: Edwina Pickles

Taxing calculation adds up to victory

Not even Australia's government experts have been able to properly explain how the proposed carbon tax will affect the average Australian household. But a year 10 student from Loreto Normanhurst girls' school in Sydney managed to use her maths skills to determine just how much Australians will be paying under the government's plan.

Isobel King's project for the National Mathematics Talent Quest last year demystified the carbon tax and helped her take out the top prize.

"My project involved estimating the price of the carbon tax," King says. "It was such a topical issue in the media so I decided to investigate its social and economic impact."

"My family is very involved with the news and my dad is passionate about the environment, so I started gathering statistics [related to the carbon tax]. I had to make a few assumptions because of the limited knowledge I could gather and decided to focus on how it would affect households."

King says winning the competition was a surprise but simply entering made a challenging subject more relevant to her life.

The head of maths at Loreto Normanhurst, Carol Osborne, says the National Mathematics Talent Quest helps students understand the concepts of maths and the world they live in. Other students have determined the benefits of installing rainwater tanks, predicted rowing performance and made engine comparisons.

"That element of critical thinking helps them make sense of the world," Osborne says. "The girls at Loreto Normanhurst are really creative in their entries and it is good to see them thinking about how they can apply their maths."

"We try not to give them the ideas and direct their learning but the competition is a good chance for them to research something they are interested in."

King's win was the second time the school has won the national title, although it has had great success at the state level, Osborne says.

"Isobel impressed the judges because she took something topical and managed to pick out the important parts then simplify it enough to apply maths to it. Then she managed to communicate her findings in a way that mere mortals could understand."

Kilmeny Adie

loreto normanhurst
- such an exciting place to be.

Open Day
Saturday, 17 March 2012
11:00am - 3:00pm

Top Catholic School in NSW for 2011 HSC | Currently enrolling for 2014. Limited places available for 2013.
Founded in 1897 by the Loreto Sisters (BVM), Loreto Normanhurst is a leading Sydney independent, Catholic secondary day and boarding school for girls. Developing confident, articulate women of the 21st Century.
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Visit the Loreto Normanhurst booth at the Independent Schools Expo, being held on March 10-11 at the University of Sydney.
P 1800-LORETO A 91-93 Parramatta Hills Road, Normanhurst W www.loreto.nsw.edu.au



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St Andrew's Cathedral School is an Anglican coeducational day school from Kindergarten to Year 12, located in the heart of Sydney.

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