



19 December, 2008

HSC DESIGN SHOWCASE OPENS

An outboard motor powered solely by a cordless drill and a system that allows farmers to monitor their property's water storage via their mobile phone are two of the innovative works on display at this year's DesignTECH exhibition.

The Minister for Education and Training, Verity Firth, today opened the exhibition and said outstanding designs by 25 HSC Design and Technology students have been selected for the prestigious 2008 DesignTECH exhibition.

"The designs this year are nothing short of extraordinary, ranging from eye-catching gowns to highly functional inventions," Ms Firth said.

"Focus on the environment and the use of recycled materials is a big feature with everything from recycled dishcloths as the feature of a couture gown to cardboard as the main material for a storage unit for students' bags.

"The diversity and quality of the students' major design projects this year demonstrate the strengths of the HSC Design and Technology curriculum.

"Congratulations to each of the students whose works have been chosen for the exhibition, and thank you to the Powerhouse Museum for its continued support of DesignTECH and young designers."

As part of the launch, four special awards were presented to the following young designers:

- The Standards Australia Australian International Design Award went to Andrew van Baal, of O'Connor Catholic College, for Brake Fast.
- Adam Whitmore, of The Jannali High School, received the Alan Broady Memorial Prize for his portable roof-rack system called Adrax.
- The Powerhouse Museum Award went to Alfred Boyadgis, of Marist College Kogarah, for his Electric Saxophone Mute.
- David Revay, of SCECGS Redlands, was awarded The Shelston IP Award for his collection of multipurpose and sustainable furniture called EcoTech.

Ms Firth said this year a new People's Choice Award sponsored by Dyson would be added to the DesignTECH awards.

"This new award, which will be announced at the end of the exhibition in March, will give visitors to the exhibition the chance to vote for their favourite design.

"I invite everyone to come and see this amazing collection of designs and inventions by some of the state's outstanding young designers."

The Board of Studies NSW runs DesignTECH in association with the Department of Education and Training to highlight the talent and skills of HSC Design and Technology students and demonstrate the scope of the syllabus.

The exhibition will be open to the public until 18 March 2008. A tour of regional galleries will follow.

The Industrial Design Program, Faculty of the Built Environment, UNSW, will sponsor an award to a local student at each regional venue in 2009.

[Full list of exhibitors attached]

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HSC students exhibiting their designs at the 2008 DesignTECH exhibition

Gerbera

Daniella Aizen, Masada College

Inspired by nature, Danielle's contemporary pendant light incorporated lightweight plastics and specialised cutting techniques to achieve a beautiful finish.

Joey

Anupama Biswokarma, Bankstown Girls High School

A fellow HSC student's music career dream inspired Anupama's promotional campaign with a contemporary "soft rock" feel.

Multifunctional and interactive storage solution for children

Stuart Blair, Barker College

A toy or a chest? Stuart's train-shaped unit features storage for games, puzzles and toys of all sizes.

The Electric Saxophone Mute

Alfred Boyadgis, Marist College Kogarah

Alfred spent countless hours of testing to produce a device that reduces volume by 25 decibels and creates a range of funky tones.

Dishcloth Couture

Carlos Bouman, Bradfield Senior College

Transforming "unconventional materials into fashion" is the keynote of Carlos' colourful couture piece made of dishcloths, sheets, nightgowns and mosquito nets.

Freeze Frame (Snowboard that converts into backpack)

Amber Correy, Roseville College

Created from an original pattern, the durable, waterproof bag lets the snowboarder carry the board and accessories on their back.

Little Kathy's Big Questions

Leah Capolino, Bossley Park High School

Inspired by the wisdom of the author's mother, the children's book tackles life's issues with cartoon-style illustrations and an engaging story.

Sylvia The Warrior Princess

Grace Denniss, Brigidine College Randwick

Metal kitchen utensils resemble armour in Grace's fashion garment created to mark the 100th anniversary of International Women's Day in 2010.

Safe Boating: A guide to fun on the water

David Girle, Kirrawee High School

David's boating safety DVD, checklist, posters and interactive quiz form an awareness campaign aimed at reducing casualties on our waterways.

The Torailer

Mitchell Goodwin, Thomas Hassall Anglican College

Passers-by think they're seeing double with Mitchell's trailer featuring the rear section of a Torana that matches the designer's own retro car.

Cultural Diversity Advertising Campaign

Ashleigh Grave, Loreto Kirribilli

“Racism is a disease ... are you infected?” Ashleigh’s bus shelter poster campaign drives home the anti-prejudice message.

The Breast Care Cushion and Kit
Georgina Hancock, Loreto Kirribilli

Georgina’s innovative cushion provides comfort and support to women recovering from breast surgery. Volunteer groups can make the cushion from the kit.

Cordless Drill Powered Outboard Motor
James Henderson, Newington College

James’ unique outboard motor for small boats is powered entirely by a cordless drill.

Abstract Cabinet

Elliot Holdstock, Sydney Secondary College Blackwattle Bay Campus

An interest in art and sculpture inspired Elliot’s design which challenges “the conventional views of what a cabinet should be”.

Bubble and Squeak

Rachel Lyons, Presbyterian Ladies College Sydney

The children’s TV cooking show set design features furniture, flash cards, magnetic fruit, and even a story book and theme song.

La Paon

Laura McIntyre, St Paul’s High School (Booragul)

The Moulin Rouge inspired Laura’s showgirl costume with elaborate feather skirt and peacock back piece which flow with the dancer’s movements.

Finolda – Surfboard fin transport system

Joshua Maker, Northern Beaches Secondary College, Manly Selective Campus

It’s easy to carry removable surfboard fins with Joshua’s storage ‘folder’ made of heavy duty sail fabric and Velcro.

Plastic Mulch Lifter

Anthony Muscat, St Dominic’s College (Penrith)

Anthony’s innovative device removes soil, lifts plastic mulch and rolls it for recycling, saving farmers time and money and reducing environmental impact.

Remote Water Watcher

Alex Newmarch, Inverell High School

Alex’s solar-powered telemetry system allows farmers to monitor their property’s water storage in troughs, tanks and dams via their mobile phones.

Sustainable Bag Storage Unit

Beste Onay, North Sydney Girls’ High School

Beste used recycled cardboard for the supporting frame of a storage unit capable of holding more than 30 school bags.

E-Z-I

Jessica Parfitt, Australian International School Hong Kong

Designed as a promotional item, Jessica’s tiny magnifying torch allows restaurant patrons to read menus under ambient lighting.

EcoTech – Multipurpose furniture founded on sustainability

David Revay, SCEGGS Redlands

Asian-style dining or a conventional table? Legs pivot and fold to achieve different table heights on David’s bamboo modular system.

Brake Fast, Andrew van Baal

O'Connor Catholic College

Inspired by the difficulty mechanics face when checking brake lights, Andrew's device locks brakes safely and easily.

Transition

Andrew Watts, Trinity Grammar School

Hidden panels slide out of Andrew's contemporary coffee table, which also houses an 'invisible' drawer. Its compact design suits small homes.

Adrax – Portable Roofrack

Adam Whitmore, The Jannali High School

Easy to fit and remove, Adam's innovative roof-rack system holds several surfboards and is suitable for all vehicles.