

# School's young scientists celebrate their success at annual exhibition

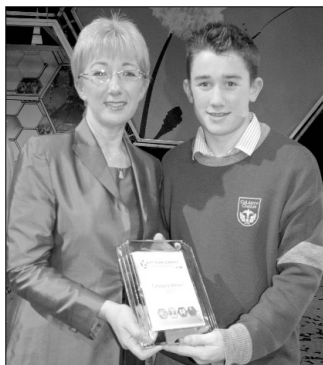


ALL students and their mentors have every reason to be proud of their involvement in the 2007 BT Young Scientist & Technology Exhibition. The standard in each category goes up every year. It was great that twelve of the projects were acknowledged among the prizewinners. Awards at the exhibition are hard-earned. This year's group have further enhanced a long tradition of participation and success in this

BELOW: David Burns, who took 1st prize at the in the Biological & Ecological Science (Intermediate individual) section, with the Minister for Education and Science, Mary Hanafin TD. David's project was titled 'Biodegradable nappies' is sphagnum moss the way to go and his mentoring teacher was Fiona O'Sullivan.



ABOVE: Lisa O'Sullivan, Ellie Townsend and Sinéad McLoughlin, seen here with the Minister for Education and Science Mary Hanafin TD, took 1st prize in the Chemical, Physical & Mathematical Sciences (Intermediate Individual) section of this year's BT Young Scientist & Technology Exhibition at the RDS, Dublin with their project was titled 'How easy it is for a human to make up a random number'. Their mentoring teacher was Fiona O'Sullivan.



LEFT: Donna Noonan took 3rd prize in the Technology (Intermediate Individual) section of this year's Young Scientist & Technology Exhibition with her project 'The dehydration detection circuit'. Included are Mike Maloney, Chief Operations Officer, BT Ireland and mentoring teacher, Karina Lyne.

PICTURES: Tom Doherty



## Statistics from 2007 YSE

- 73 project teams applied for entry from Coláiste/Gaelcholáiste Choilm.
- 31 Coláiste Choilm project teams were accepted and exhibited at the RDS - 65 students were involved.
- There were 12 prize winning projects from the school.
- The school had entries in all 4 categories.
- There were 11 mentor/teachers supporting students.
- There were more prizewinners from Cork than any other county.

### 500 PROJECTS TOOK PART IN THIS YEARS FINAL

92 of these were from Cork (city & county) - 18.4% of national entries

**31 of these were from Coláiste Choilm - 33.7% of Cork entries / 6.2% of national**

tremendous venture.

Our sincere thanks to all who assisted the students en-route - the teachers, parents and external advisors. The experience of being involved at this level will stand to students in future studies.

Comhgháirdeas le gach aon dalta a chuir tionscnamh isteach ar an gcomórtas.

## CATEGORY AWARDS

### Biological & Ecological Sciences (Intermediate Individual)

**FIRST:** David Burns

Title: Biodegradable nappies - is sphagnum moss the way to go?

### Chemical, Physical & Mathematical Sciences (Intermediate Group)

**FIRST:** Ellie Townsend, Lisa O'Sullivan, Sinéad McLoughlin

Title: How easy is it for a human to make up a random number?

### Technology (Intermediate Individual)

**THIRD:** Donna Noonan

Title: The Dehydration Detection Unit

## SPECIAL RECOMMENDATION

### Biological & Ecological Sciences

Vivienne Hogan & Niamh Gallagher

Title: Lacticin 3147 - a natural additive for baby formula and other milk products

### Chemical, Physical & Mathematical Sciences

Justin Polley & Brendan Desmond

Title: Finding the sweet spot  
Laoise Ní Bhriain-Uí Shuilleabháin & Elaine Ní Raghallaigh

Title: The Maths of Origami

Muireann Nic Chárthaigh

Title: A comparative study of Irish & Scottish traditional music using advanced computer analysis

### Social & Behavioural Sciences

Jason Broderick, Shane Taylor & Daniel Hogan

Title: Playstation players desensitized to real life violence

Jamie Twohig & Kyle McNally

Title: To prove the efficiency of the bizarre in the human memory: storage and retrieval

### Technology

Colm Foley & Barry Corkery

Title: SMS GPS and a heart rate monitor. The way forward for mountain rescue?

## SPECIAL AWARDS

### Social & Behavioural Sciences

Rory O'Connor

Title: Investigating our biological metronome

### Technology

Maire Fitzgerald

Title: The Diving Buddy