

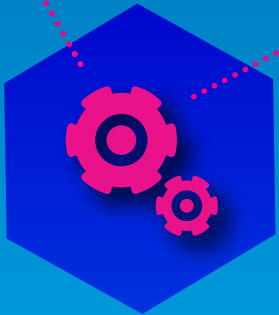
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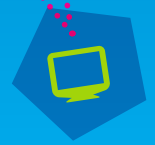
# INVENT



# NANO



**TAKE THE CHALLENGE!**  
WE'RE CHALLENGING STUDENTS TO COME UP  
WITH THEIR VISION OF THE FUTURE  
USING NANOTECHNOLOGY





# INVENT NANO

WHAT KIND OF AMAZING PRODUCTS AND INVENTIONS WILL NANOTECHNOLOGY ALLOW US TO HAVE IN THE FUTURE?

WHERE WILL NANOTECHNOLOGY TAKE US?

HOW WILL IT COMPARE WITH WHAT WE HAVE TODAY?

WE'RE CHALLENGING STUDENTS TO COME UP WITH THEIR VISION OF THE FUTURE USING NANOTECHNOLOGY – WE WANT YOU TO DESIGN A COMPLETELY NEW NANO INSPIRED PRODUCT OR IMPROVE AN EXISTING PRODUCT, BY ADDING NANOTECHNOLOGY TO IT.



HOW WILL NANOTECHNOLOGY IMPACT TRANSPORT, CLASSROOMS, HOSPITALS, MOBILE PHONES, COMPUTERS, ELECTRONICS, SPACE TRAVEL OR OUR HOMES?

For example, you could design:

- An aeroplane of the future or even a completely new form of transport
- A futuristic mobile phone or an entirely new way of communicating with your friends

This competition invites secondary school students to creatively communicate their ideas by submitting artwork illustrating their designs. The winning ideas will then be brought to life by a professional designer.

## ENTRY FORMAT

Images should be at least a3 in size and can be either digital or non-digital. The design should contain clear drawings/images, including the product/technology name and a description (maximum of 200 words) of the aspects of nanoscience that inspired it. This text should indicate a clear understanding of how nanoscience has impacted the product.

## SUBMISSION DETAILS

Students can work alone or as a team (maximum 4 people) to submit their entry. Email your poster to [nanoinmylife@tcd.ie](mailto:nanoinmylife@tcd.ie). If your poster is hand-designed, you should take a clear picture of it and email the photograph to us. No postal entries will be accepted.

## PRIZES

The top 3 winning entries will be brought to life by a professional designer and displayed at the Irish Science Teachers' Association Annual Conference in April 2014.

## JUDGING CRITERIA

Your entry will be judged on demonstrating a clear understanding of nanoscience and the application of it to your product. Product design will also be judged on innovation and creativity.

Additional prizes as follows:

- 1st prize..... iPad (individual winner) or iPod nanos (group)
- 2nd prize..... 100 euro
- 3rd prize..... 50 euro

**CLOSING DATE: 5PM, FRIDAY MARCH 7TH 2014**