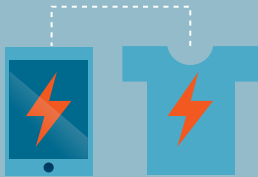
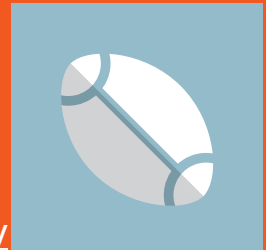


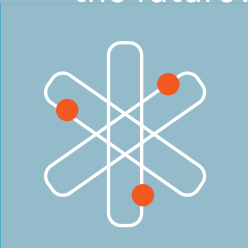


design your nano gear

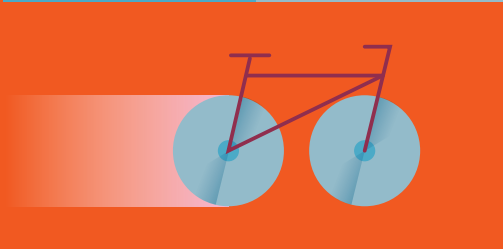
AMBER's science/art competition open to Primary and Secondary students.



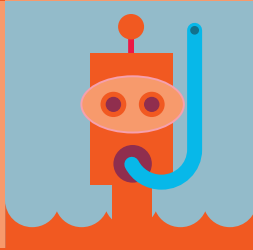
Take the challenge—how will nanoscience impact our sports and clothing in the future?



take the challenge



draw a picture





design your nano gear

Super light strong bicycles, jerseys that monitor a player's performance, invisibility cloaks, t-shirts that can charge our phones... the possibilities are endless! We want you to draw a picture of a new sports product or item of clothing (sports or regular clothes) inspired by nanoscience.

Nano is the science of the very small. It is having huge impacts in the scientific community and Ireland is at the forefront of this research. Teachers and students can learn more about nanoscience through our 'Nano in my Life' and 'NanoWOW' resource packs, aimed at TY and senior primary pupils.



For more inspiration and ideas check out our YouTube channel at:
[youtube.com/user/tcdnanoscience](https://www.youtube.com/user/tcdnanoscience)

and our Pinterest board:
[pinterest.com/NanoinmyLife/](https://www.pinterest.com/NanoinmyLife/)

Entry Format

Images should be at least A4 in size and can be either digital or non-digital. The design should contain clear drawings / images, including a name for your new product / technology and a description (maximum of 200 words) of the aspects of nanoscience that inspired it. This text should indicate a clear understanding of how nano or materials science has impacted your design.



Submission Details

Students can work alone or as a team (maximum 4 people) to submit their entry. Email your poster to 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.
Closing date – Friday 6th February 2015

Judging Criteria

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



Prizes

The top 2 winning entries in each category will be brought to life by a professional illustrator and displayed at the Irish Science Teachers' Association Annual Conference in March 2015.

SECONDARY SCHOOL PRIZES

- 1st:** Beats by Dr. Dre Solo Headphones (Individual prize); €200 iTunes voucher (Group prize) and a tour for your class of the CRANN Institute, Ireland's leading nanoscience research institute.
2nd: 75 euro One for All voucher.
3rd: 50 euro One for All voucher.

PRIMARY SCHOOL PRIZES

- 1st:** Beats by Dr. Dre Solo Headphones (Individual prize); €200 iTunes voucher (Group prize) and a tour for your class of the CRANN Institute, Ireland's leading nanoscience research institute.
2nd: 75 euro One for All voucher.
3rd: 50 euro One for All voucher.