

# Magical Materials: Nano and Materials Science in the Classroom

AMBER

AMBER

3<sup>rd</sup> – 7<sup>th</sup> July 2017

AMBER Centre, Naughton Institute, Trinity College

**Participating Primary School teachers will qualify for 3 EPV days**

## Course outline:

Imagine a material, tens of thousands of times smaller than a hair on your head that is 200 times stronger than steel, flexible, transparent, conductive and could be used in everything from electronics to medical devices.

Did you know that Ireland is no. 1 in the world for research into such nano-materials? Would you like to learn more and find out how you can bring this exciting area of 21<sup>st</sup> century science into your classroom?

If so – sign up now for Magical Materials – a 5 day CPD programme @ AMBER, Trinity College



Our NanoWow resource pack will be used throughout the course, which has a particular focus on **hands on science activities in the classroom**. The resource emphasises the role of pupils as scientists - encouraging children to think like scientists and do their own research. You will also have the chance to take part in tours and lab sessions to develop content knowledge and experience the life of a scientist! All participants will receive a free copy of NanoWOW.

*"Mind blowing insight into the world of materials. I'm going away with ideas on how to teach science in the classroom next year."* - participant in 2014 Magical Materials Course

*"I found it extremely exciting and I think the children would really enjoy it."* – participant from 2015 Magical Materials Course

Cost for the week is €90. Further information, timetable and registration details by emailing [ambersfi13@gmail.com](mailto:ambersfi13@gmail.com)

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