

Nano Technology for Science Education (NTSE) is a Transversal KA3 ICT project that aims to use ICT as a tool to make the learning of science subjects more attractive and accessible. The project target groups are students from the general and vocational schools aged 13 to 18; teachers in science subject; and college & university students attending science education courses.

In the frame of NTSE project a poster competition is organized for the students aged 14-18 about the implementations today and tomorrow in the Nanotechnology.

### GUIDELINES FOR THE POSTER COMPETITION

1. Form your team with up to two friends
2. Select a topic in nanotechnology about current and the possible future applications from given topics:
  - Health (nanocosmetics)
  - Environment (nanoparticles with antibacterial properties and nanoparticles used for purifying water and air)
  - Nanotechnology used in Sport equipment
  - Nanotechnology used in electronic devices
  - Health and cancer researches.
3. Make a first-class research and collect information, photos and images, etc.
  - Prepare a poster about current applications in daily life and creative ideas/innovations for the future of nanotechnology
4. Poster should be organized as follows:
  - **Title:** The title of your poster should be clear and apparent.  
**For example:** the usage of Carbon nano tubes in the space vehicles
  - **The number of words:** the text of your poster should consist of 300 words
  - **The Language of the Poster:** English
  - **Size of your poster:** Posters should be maximum in 300 words, A1 (59cm x 84 cm)
  - **The Content:** The poster should contain the following three topics

**General Info:** The general info about the poster should be given as What is Carbon Nano tube? What is the relation between Carbon Nano tube and Nano technology?

**Scientific Value:** The chosen topic should be underlined as the importance of science and technological areas. For instance 'what is the make use of carbon tubes? In which areas are they used?

**Original idea:** With this study, the new, original and creative idea should be noticed. For instance, I dream a lift which travels to the space using carbon nano tubes because.....

**THE PROJECT SCHEDULE:**

- ✓ The online uploading process will be completed on 15th March 2013.
- ✓ After the uploading process of the posters, the approved posters will be available for voting.
- ✓ Voting process will be between 16<sup>th</sup> -31th March 2013
- ✓ The most voted posters from each country will be exhibited in Apmas 2013 Congress ([www.apmas2013.org](http://www.apmas2013.org)) which will be in Antalya between 24<sup>th</sup>-28<sup>th</sup> April 2013. They will be evaluated by scientific academician commission and a winner will be determined from each country.
- ✓ Consequently, the winners will be announced on 6<sup>th</sup> May 2013 in the virtual laboratory
- ✓ The groups who will have won the NTSE Poster competition will take part in the NTSE Science Camp which will be held in Bulgaria between 1<sup>st</sup> and 7<sup>th</sup> June.

We kindly invite teachers to encourage their students

For more information: [www.ntse-nanotech.eu](http://www.ntse-nanotech.eu)

<p>Doğa Schools, Turkey <a href="http://www.dogaschools.com">www.dogaschools.com</a></p> 	<p>Universitatea Valahia Din Targoviște(UVT), Romania <a href="http://www.valahia.ro">www.valahia.ro</a></p> 	<p>Center for Creative Training (CCTA), Bulgaria <a href="http://www.cct.bg">www.cct.bg</a></p> 	<p>Sirma Media, Bulgaria <a href="http://www.sirmamedia.com">www.sirmamedia.com</a></p> 	<p>Foundation for Research and Technology (FORTH), Greece <a href="http://www.forth.gr">www.forth.gr</a></p> 	<p>Fondazione Idis-Citta della Scienza, Italy <a href="http://www.cittadellascienza.it">www.cittadellascienza.it</a></p> 
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