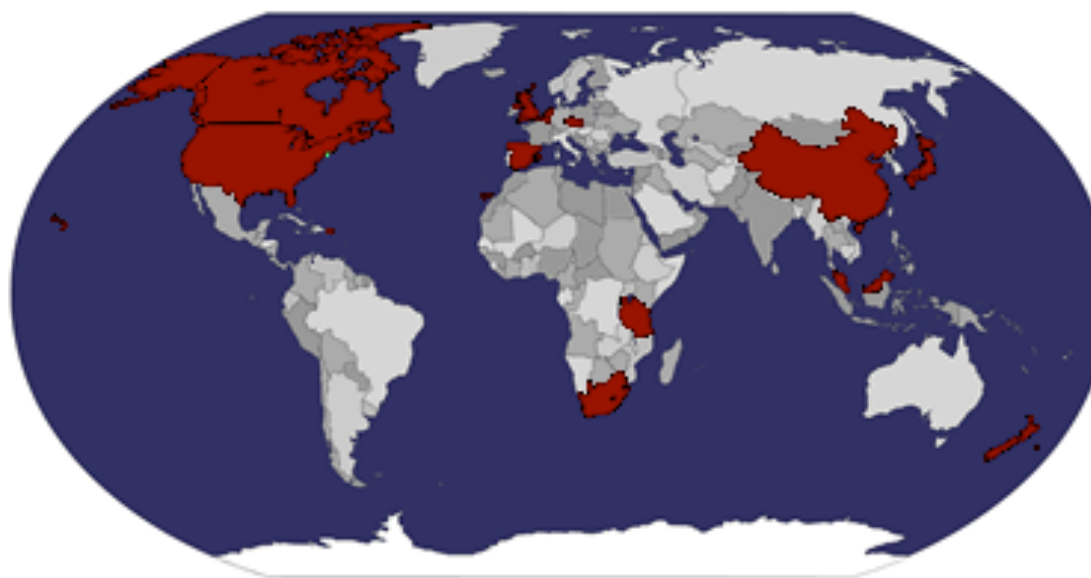


Round Table B:

“Increase Interest of Young People in Chemistry”

reporting: Dr. Javier Garcia Martinez, DivII, CCE



14 people attending (thank you all)

Criteria for Activities on Increasing Interest of Young People in Chemistry

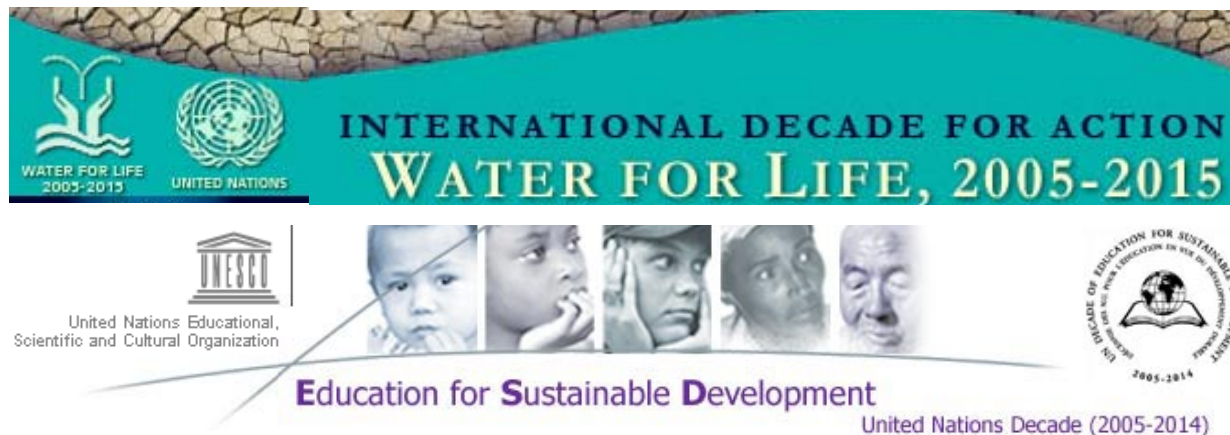
1. Reaching and engaging with teachers is key to success
2. Right balance between high impact and educational value
3. Be aware of the situation of many children in the developing world
4. Having in mind 2012 and after

Julia from UNESCO was part of our round. She (and others) provided a good perspective on how to include ALL people (and not only those with computers or access to a lab) in the IYC. UNESCO has a network of regional offices that will be very useful in this respect.



Many Ideas for the IYC... Some examples:

1. **use nano-chemistry as an exciting subject** (a booklet was presented; available as a pdf)
2. try to connect with international Chemistry Olympiad
3. organize a national competition of chemistry projects of school kids (will be done in NL)
4. do an international science quiz
5. **use social networking websites (facebook on, twiteer, myspace....) blogs, podcasts**
6. **distribute classroom experiments for high schools**
7. popularize items with books like the ones from Emsley (RSC)
8. BCC Xmas lectures in 2010 and 2011 on Chemistry related issues
9. stimulate teaching at primary schools, by making lessons available
10. **world experiments, like who grows the largest single crystals; a clock reaction; fireworks on new years eve, determine pH of the earth**



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NANOTECHNOLOGY

and how it will affect the world

by
Alex Pokrovsky & Alan Smith

Also in the bathroom, a number of toothpastes contain nanoparticles. One product, BlanX BioRepair, contains nanoparticles of hydroxyapatite. These are natural ingredients which help fill the minute cracks in teeth that make eating ice cream painful.

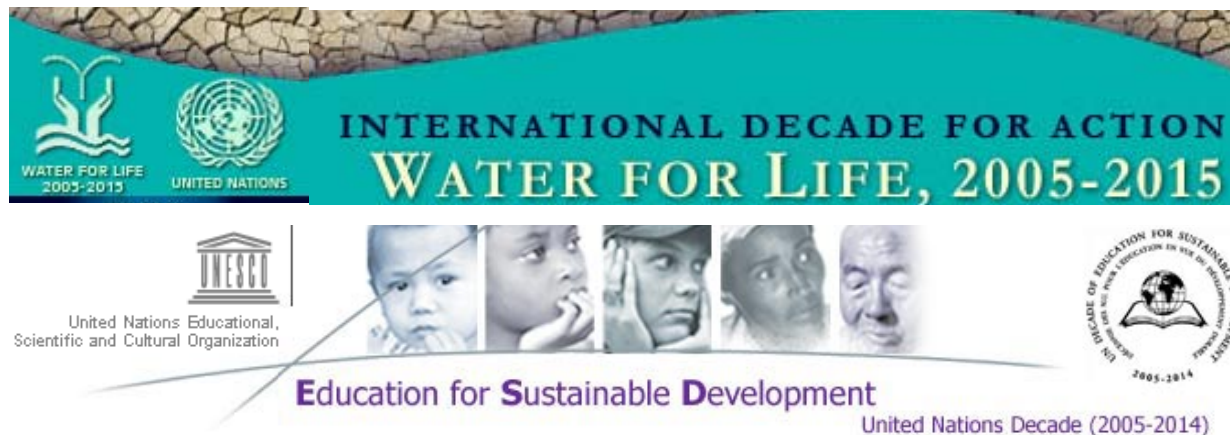


There are also a number of hair products on the market which are designed to prevent cracked hair by filling the nanoscale cracks with harmless ingredients.

The kitchen is not exempt from nanotechnology based products. Just as some tennis balls and footballs use clays in thin films as barrier properties, food is also packed in nanocomposite clay based packaging.



The purpose is to keep the foodstuff fresher by stopping air getting to the product, and retaining any inert gas that is used to store the foodstuff. In the United States, beer bottles tend to be plastic and the flavour is kept fresh by nanoscale films on the bottle, to maintain the pressure in the bottle and stop the product degrading.



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International Year of Chemistry

Global

Basic Info

Type:

[Common Interest - Activities](#)

Description:

UN has declared 2011 as International Year of Chemistry

Let's celebrate the achievements of chemistry and its contributions to the well-being of humankind !!!

Contact Info

Website:

<http://www.chemistry2011.org/>

Members

Displaying 8 of 47 members

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Texeira



Lawton
Shaw



Rosario
Hernández
Corral



Jimena
Blazquez
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Richard
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Hanna
Pettersson



Anurag
Sharma



Martin
Gonzalez
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Discussion Board

Displaying 2 discussion topics

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How is your favorite chemist?

1 post by 1 person. Updated on August 2, 2009 at 3:15pm

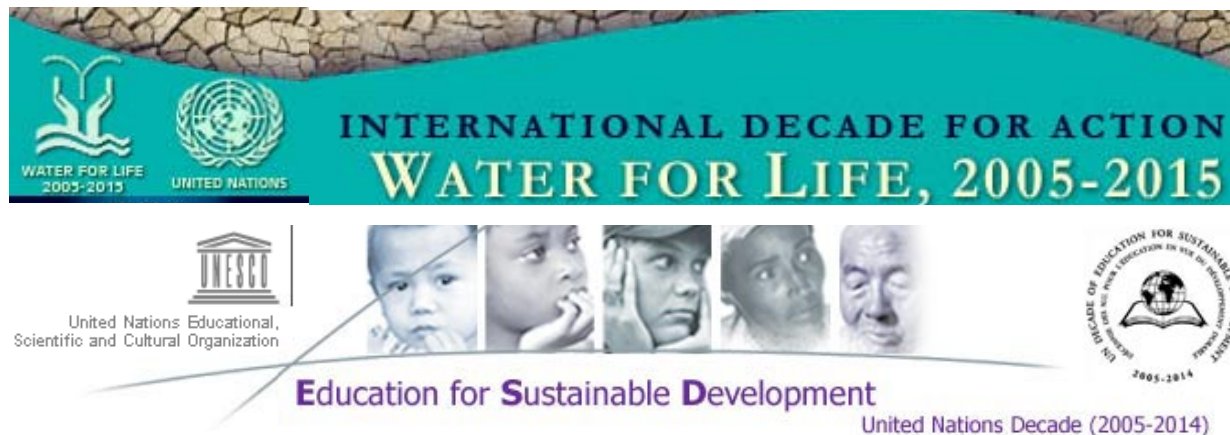


International Year of CHEMISTRY 2011

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Group Type

This is an open group. Anyone can join and invite others to join.



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Measuring the pH of planter: A High Impact Educational World Experiment

Connected to the decades of Education for Sustainability and Water



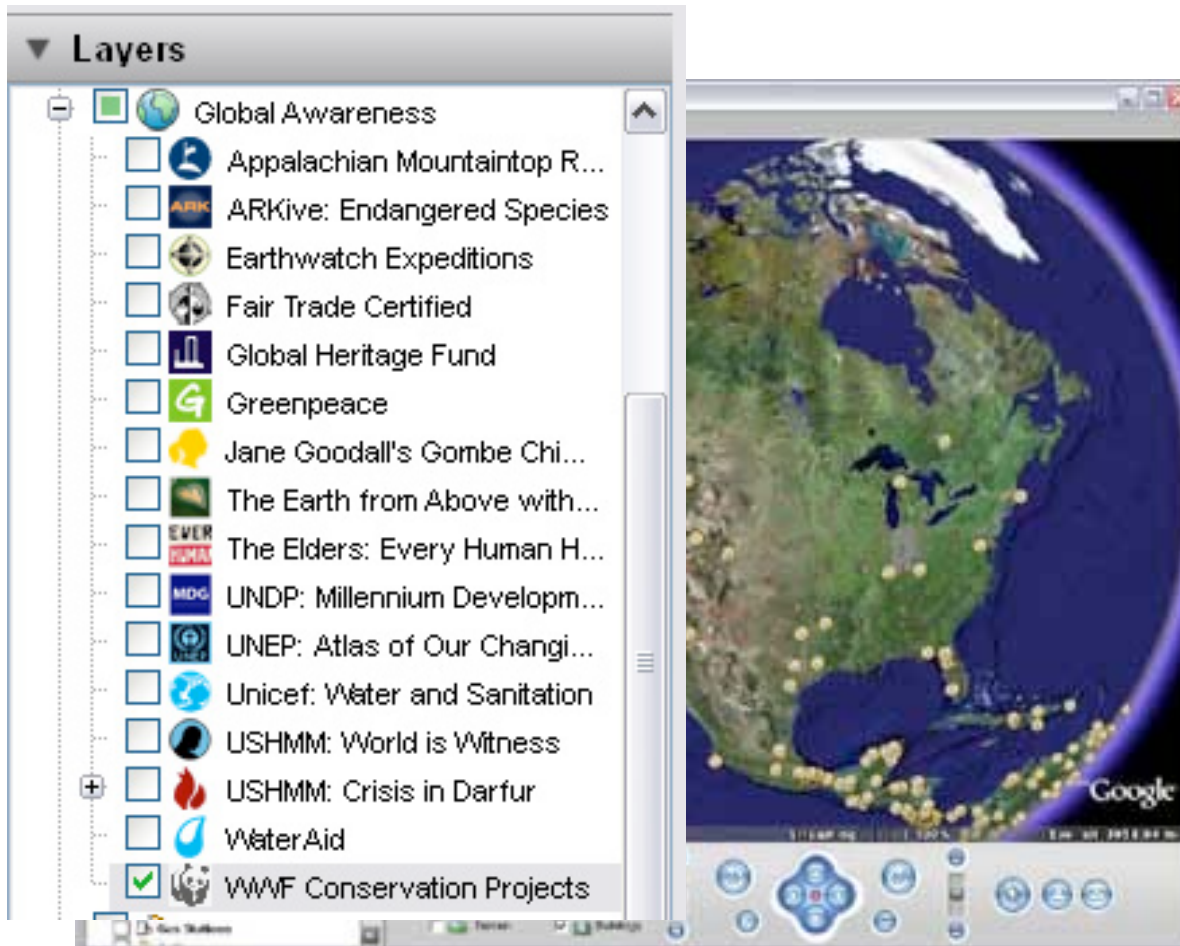
pH

Location

- Materials for teacher
- Why pH is important
- How to measure pH

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