

WEB WATCH

In this section, we present websites and a brief introduction about them. Inclusion of a site does not imply that school science endorses the content of the site. Sites have been suggested on the basis of their possible utility to school systems.



- **International Year of Chemistry 2011**

<http://www.chemistry2011.org>

The year 2011 is being celebrated as International Year of Chemistry (IYC-2011) to highlight the achievements of chemistry and its contributions to the well-being of humankind. The theme of the celebration is "Chemistry—our life, our future," it will offer a range of interactive, entertaining and educational activities for all ages. The IYC-2011 is an initiative of the International Union of Pure and Applied Chemistry (IUPAC) and the United Nations Educational, Scientific and Cultural Organisation (UNESCO). It also involves chemical societies, academies, and institutions worldwide, and relies on individual initiatives to organise local and regional activities.

This site offers information about different types of activities of IYC-2011.

- **Green Chemistry**

www.epa.gov/gcc

It introduces the concept of Green Chemistry, also known as sustainable chemistry; provides resources for Green Chemistry education and related links.

- **Green Chemistry Network**

<http://globalwarming.com>

The Green Chemistry Network (GCN) aims to promote awareness and facilitate education, training and practice of Green Chemistry in industry, commerce, government, academia and schools. It was initially launched in 1998 with funding from the Royal Society of Chemistry, U.K. and is now funded on a project-by-project basis.

The website provides link to educational resources, institutes and organisations and journals in this field.

- **Problem-based Learning**

http://en.wikipedia.org/wiki/Problem-based_learning

“**Problem-based Learning** (PBL) is a student-centred pedagogy in which students learn about a subject in the context of complex, multifaceted and realistic problems”. This site talks about the concept of PBL, research evidences which supports this approach, cognitive effects of PBL and constructivism and PBL. It also details criticism of PBL.

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