

## 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.



- **A look into the atom**

<http://www.aip.org/history/electron/jhome.htm>

This is an initiative of the American Institute of Physics (AIP). It exhibits six themes : J.J. Thomson, Mysterious Rays, 1897 Experiments, Corpuscles to Electron and Legacy for Today. Very well-illustrated and informative for students and teachers. One can also hear J.J.Thomson talk about the size of electron.

- **Cell World**

[bio.edu.ee/models/en/](http://bio.edu.ee/models/en/)

This site is run by University of Tartu, Estonia presents a good collection on interactive animations for high school biology. Themes included are photosynthesis, Transcription, Gene expression, Translation, Genetic code, Membrane transport, Replication, Respiration, Synapse and muscle cell and contraction. It provides link for students, teachers and composers. Users may register free.

- **Exploring Earth Visualisation**

[www.classzone.com/books/earth\\_science/terc/navigation/visualisation.cfm](http://www.classzone.com/books/earth_science/terc/navigation/visualisation.cfm)

This website presents many animations on themes related to Earth. For example, one can observe: animation of Earth turning around its axis, Earth's daily rotation, video taken during an earthquake, an animation of Himalayas forming, etc. One can also examine the Sun at different wavelengths.

- **Global Chemistry Experiment**

<http://my.rsc.org/globalexperiment>

This site presents a major IUPAC project to engage students across the world in practical activities around the theme, "Water: A Chemical Solution", part of the world's biggest chemistry experiment. It is one of the ways for students to be part of the International Year of Chemistry (IYC), 2011.

It involves four simple experiments to collect important quality measurements of your local water. Once the data collected, you can submit it through the IYC website, and your students' work will join thousands of others in the biggest ever chemistry experiment.

- **Obsetion Observatory in Education**

[www.iucaa.ernet.in/~scipop/obsetion/](http://www.iucaa.ernet.in/~scipop/obsetion/)

This website is maintained by the Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune, India and is intended to promote experimental skills in students. It presents projects related to weather and astronomy. The website is updated by adding new experiments and projects. One can also visit IUCAA website for virtual observatory.

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