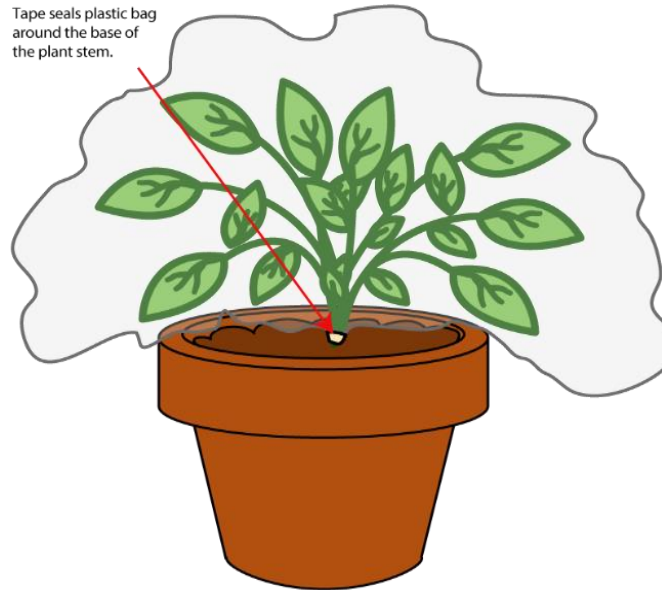


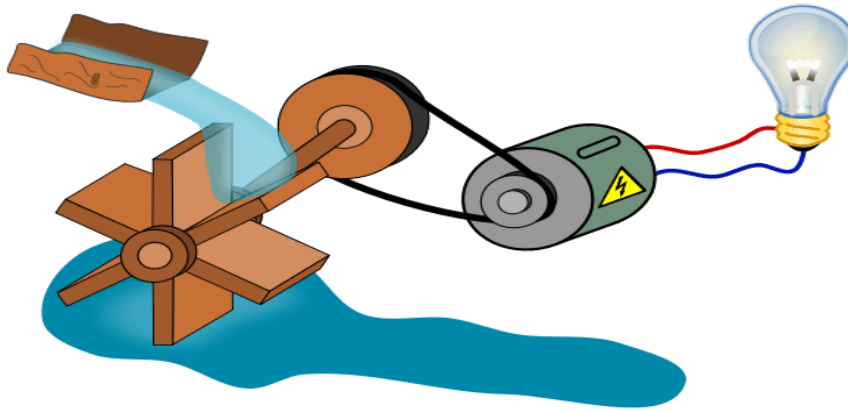
Transpiration



<https://www.education.com/science-fair/article/how-much-water-plants-lose-air/.The>

The physiological loss of water through the aerial parts of plants is known as transpiration. This experiment offers a chance to become familiar with missing mass of plants, reason of losing weight and factors affecting the rate of transpiration. This website also provides different lesson plans for effective learning, worksheets, games to learn in an interesting manner and libraries to learn more about science and research.

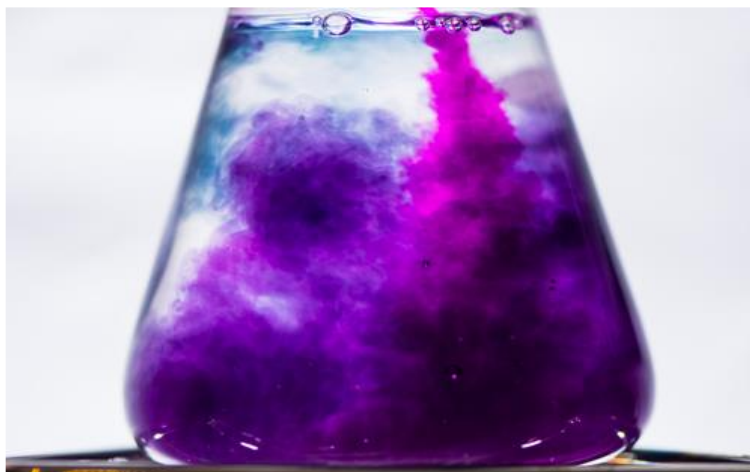
AC Generator Physics



<https://knowledgecycle.in/ac-generator-investigatory-project-pdf-for-class-12/>

Through this experiment electricity can be generated with electromagnetic force. There is a chance to get information about speed of voltage and strength. This website is a destination for video-tutorials, working models as well as expert tips to ensure a rewarding educational experience. Moreover, there is a diverse collection of different articles.

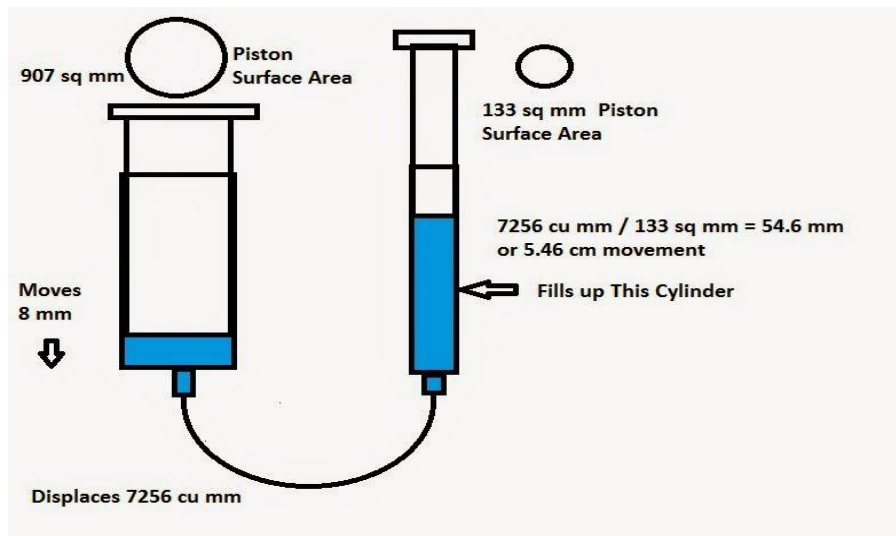
Colourful chemistry: redox reactions with lollipops



<https://www.scienceinschool.org/article/2018/colourful-chemistry-redox-reactions-lollipops/>

This activity illustrates a chain of redox reactions (oxidation and reduction reactions) with changing the colour due to mixing of ions in solution. The aim of this website is to support students and teachers in all science disciplines. It also provides publications in other European languages.

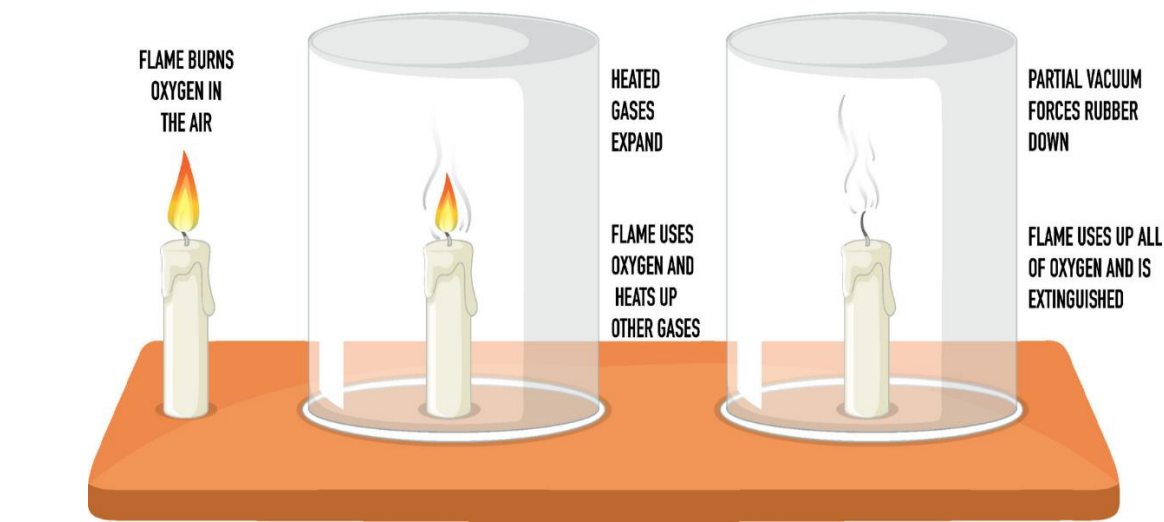
Hydraulics



https://www.pearson.com/channels/physics/learn/patrick/fluid-mechanics/pascal-law-hydraulic-lift?gad=1&qclid=CjwKCAjwseSoBhBXEiwA9iZtxoITLdn-Ft5krQpXlzYiZ9gDZzG0cplIAK_bXtXGuzjyjH2dfhPTRoCtLgQAvD_BwE

Hydraulics is a mechanical function that works through the force applied to liquid pressure. Pressure applied to a body of fluid causes force to distributed equally in all directions. This website has great command on physics area like waves and sounds, thermodynamics, electricity add many more. It covers others subjects area like Math, business and social studies also provides material to prepare for exams.

OXYGEN-FIRE



<https://thehomeschoolscientist.com/oxygen-fire-experiment/>

It describes the necessity of oxygen for combustion reaction and demonstrate the relation between oxygen and fire. This site is packed with science experiments, anatomy, biology and chemistry resources. It also provides expert advice related to curriculum and help to find new experiments ideas.

Conductivity Meter



<https://www.exploratorium.edu/snacks/conductivity-meter>

By using simple and portable device the conductivity of liquid can be tested with this experiment. The ions in the solution have positive and negative charges which attract the corresponding opposite charge. The flow of charge particles completes the circuit and proves the conducting nature of solution. Site covers a range of subjects including human perception, life sciences, local environment, physical phenomena and human behavior.

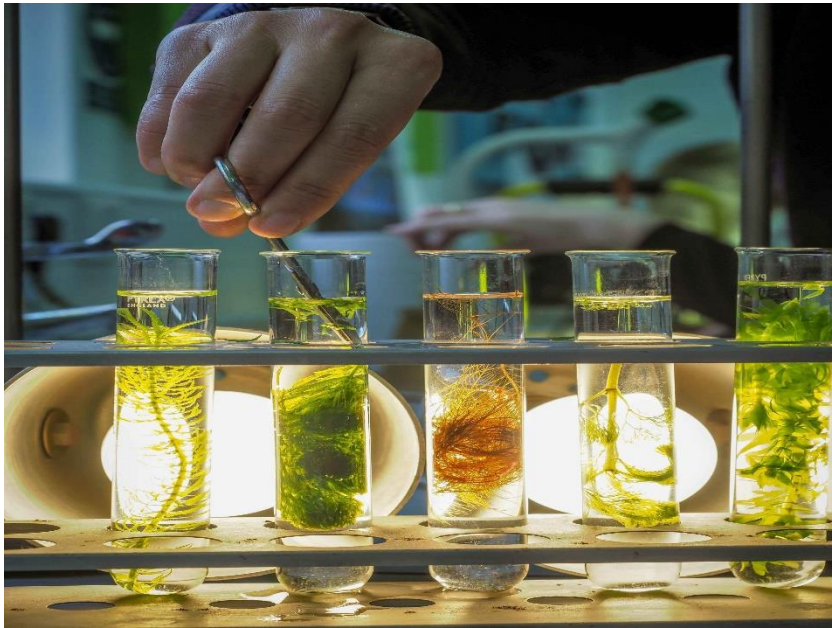
Rate of diffusion



https://www.education.com/science-fair/article/determine-rate-diffusion-material-affected/?gclid=CjwKCAjwseSoBhBXEiwA9iZtxhjLO45wMI0IZUC-IDrfyKH1inp5SgXrh7KnXHKwxzScpgJPYmfhqxoCIRYQAvD_BwE

The temperature and shape of the container effect the rate of diffusion. Particles move faster and harder in warm water, therefore, color in hot water dispersed more quickly. Moreover, the narrowest container demonstrated the slower rate of diffusion because fewer number of molecules collide with each other. This site designed specifically build to check each child journey and track progress. It also provides reading and writing material, and lesson plans from preschool to middle class.

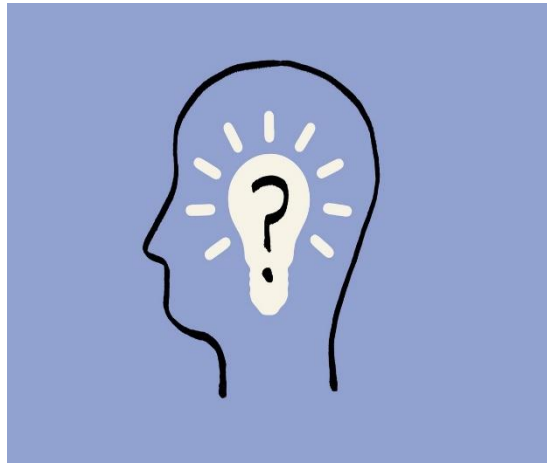
Oxygen Evolution during Photosynthesis



[Demonstrating Oxygen Evolution during Photosynthesis using Pondweed - Science & Plants for Schools \(saps.org.uk\)](http://saps.org.uk)

The evolution of oxygen can be seen with the production of bubbles by pondweed. The amount of gas released can be measured and effect of different factors on the rate of reaction can be investigated. This website is a good platform to learn about different experiments in plant sciences and get familiar with importance of biology. It also provides teaching materials related to reproduction, life cycle and taxonomy of plants.

Help for curriculum



<https://www.schoolsolver.com/>

This site works as academic aid for students. It provides the platform to get homework, assignments or any kind of academic scholastic task explained by specialist. It has tutor to tech, guide through difficult question, essays and lessons.

Figure out the problems



<https://www.answers.com/>

[Answers - The Most Trusted Place for Answering Life's Questions](https://www.answers.com/)

It is a supportive site which covers wide range of subjects like history, math, sports and engineering and technology ,jobs and many more .It has many questions for brainstorming and has ability to answer any question student have related to their school curriculum.