

phet gas law simulation pdf

Pump gas molecules to a box and see what happens as you change the volume, add or remove heat, change gravity, and more. Measure the temperature and pressure, and discover how the properties of the gas vary in relation to each other.

Gas Properties - Gas | Heat | Thermodynamics - PhET

Watch different types of molecules form a solid, liquid, or gas. Add or remove heat and watch the phase change. Change the temperature or volume of a container and see a pressure-temperature diagram respond in real time. Relate the interaction potential to the forces between molecules.

States of Matter - Atomic Bonding | Interaction Potential

Dr. Croom's Classroom resource site. A place to find notes, problems, worksheets, links, and other information about class. Its focus is on physics but it has links to Math and other science material created by J Croom. This Site is designed and updated by John Croom III, Ed.D., J Croom

Croom Physics

Recommended software downloads: Below are links to general freeware programs that I highly recommend for learning chemistry.

Honors Chemistry - Darrell Feebeck

Honors Chemistry is designed for students who have demonstrated strong ability in previous science courses. In this fast-paced, demanding course, the main topics--which include atomic theory, nuclear chemistry, periodicity, chemical reactions, stoichiometry, gases, solutions, reaction kinetics, equilibrium, acid-base theory, oxidation-reduction, and organic chemistry--are studied at an ...

Honors Chemistry - Dr. VanderVeen

OBE, OBTL, physics, FCI, CSEM, Lawson Science Reasoning. Interested in improving learning of physics and science through the use of interactive engagement. Currently teaching basic physics & thermodynamics at Faculty of Applied Science, Universiti Teknologi MARA (UiTM).

Dr JJ or Dr Jaafar Jantan Homepage

A force is a push or a pull on an object. The unit in which we measure force is a newton (N). It is named after Sir Isaac Newton, an English physicist and mathematician.

Natural Sciences Grade 9 - mstworkbooks.co.za

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Research in Science & Technological Education: Vol 36, No 4

Chapter overview. 1 week. This chapter builds on the brief introduction to chemical reactions that was covered in Chapter 1 (Atoms) of Gr. 8 Matter and Materials, specifically the paragraph Pure Substances.

Natural Sciences Grade 8 - mstworkbooks.co.za

An aggregation of fish is the general term for any collection of fish that have gathered together in some locality. Fish aggregations can be structured or unstructured. An unstructured aggregation might be a group

of mixed species and sizes that have gathered randomly near some local resource, such as food or nesting sites.

Shoaling and schooling - Wikipedia

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