

Important Links

Useful links

- <http://www.physlink.com/>
- <http://www.physics.org/index.asp>
- <http://serendip.brynmawr.edu/local/IIT/projects/Glasser.html>
- <http://www.ph.utexas.edu/~phy-demo/resources/resources.html>
- <http://www.universetoday.com/>

Specific Links

Chapter 1: Physical World and Measurement

- http://www.owl.net.rice.edu/~labgroup/pdf/Dimensions_units.pdf
- <http://www.ucblueash.edu/koehler/biophys/1a.html>
- <http://hyperphysics.phy-astr.gsu.edu/hbase/units.html#unit>

Chapter 2: Motion in a Straight Line

- <http://teacher.pas.rochester.edu/phy121/lecturenotes/Chapter02/Chapter2.html>
- <http://astro1.panet.utoledo.edu/~tkvale/phys2130/fall2004/Chapter02-1.pdf>
- http://www.studyphysics.ca/newnotes/20/unit01_kinematicsdynamics/chp03_kinematics/lesson07.htm
- <http://osscience.info/physics/motion-along-a-straight-line/>

Chapter 3: Motion in a Plane

- <http://teacher.pas.rochester.edu/phy121/lecturenotes/Chapter04/Chapter4.html>
- <http://galileo.phys.virginia.edu/classes/109N/lectures/vectors.htm>
- <http://www.physicsclassroom.com/class/vectors/u3l2a.cfm>
- <http://electron9.phys.utk.edu/phys135d/modules/m3/Uniform%20Circular%20Motion.htm>

Chapter 4: Laws of Motion

- <http://www.mansfieldct.org/schools/mms/staff/hand/lawsinertia.htm>
- <http://teachertech.rice.edu/Participants/louviere/Newton/index.html>
- <http://www.physicsclassroom.com/mmedia/circmot/ucm.cfm>
- <http://ocw.mit.edu/courses/physics/8-01-physics-i-classical-mechanics-fall-1999/>

Chapter 5: Work, Energy, and Power

- <http://hyperphysics.phy-astr.gsu.edu/hbase/work.html>
- http://www.edinformatics.com/math_science/work_energy_power.htm
- http://www.efm.leeds.ac.uk/CIVE/CIVE1140/section03/mechanics_sec03_full_notes02.html#_Toc466173677

Chapter 6: System of Particles and Rotational Dynamic

- <http://hyperphysics.phy-astr.gsu.edu/hbase/vvec.html>
- <http://www.physics.ohio-state.edu/~gan/teaching/spring99/C12.pdf>

Chapter 7: Gravitation

- <http://www.physicsclassroom.com/class/circles/u614a.cfm>
- <http://csep10.phys.utk.edu/astr161/lect/history/newtongrav.html>

Chapter 8: Mechanical Properties of Solids

- <http://hyperphysics.phy-astr.gsu.edu/hbase/permot3.html>

Chapter 9: Mechanical Properties of Fluids

- http://www.physics.usyd.edu.au/teach_res/jp/fluids/flow1.pdf
- http://mitchellscience.com/bernoulli_principle_animation
- <http://www.attension.com/surface-tension.aspx>

Chapter 10: Thermal Properties of Matter

- <http://ecourses.vtu.ac.in/nptel/courses/Webcourse-contents/IIT%20Bombay/Heat%20and%20Mass%20Transfer/Conduction/Module%202/main/2.3.html>
- <http://ibphysicsstuff.wikidot.com/thermal-properties-of-matter>
- http://physicscatalyst.com/heat/thermal_prop.html

Chapter 11: Thermodynamics

- <http://www2.estrellamountain.edu/faculty/farabee/biobk/biobookener1.html>
- <http://www.taftan.com/thermodynamics/>
- <http://library.thinkquest.org/3659/thermodyn/>

Chapter 12: Kinetic Theory

- <http://www.grc.nasa.gov/WWW/k-12/airplane/kinth.html>

Chapter 13: Oscillations

- <http://www.animations.physics.unsw.edu.au/jw/oscillations.htm>
- <http://www.phy.duke.edu/~lee/P53/osc.pdf>

Chapter 14: Waves

- <http://www.kettering.edu/physics/drussell/Demos/waves/wavemotion.html>

- <http://library.thinkquest.org/10796/ch8/ch8.htm>
- <http://www.physicsclassroom.com/class/waves/u1013d.cfm>
- <http://ocw.mit.edu/courses/physics/8-03-physics-iii-vibrations-and-waves-fall-2004/>