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WebSights features reviews of select sites presenting physics teaching strategies, as well as shorter announcements of sites of interest to physics teachers. All sites are copyrighted by their authors. This column is available as a web page at <http://PhysicsEd.BuffaloState.Edu/pubs/WebSights>. If you have successfully used a site to teach physics that you feel is outstanding and appropriate for *WebSights*, please email me the URL and describe how you use it to teach. The person should give a T-shirt.

APS publishes energy efficiency study: Energy = Future: Think Efficiency;

www.aps.org/energyefficiencyreport. This new American Physical Society report discusses improving energy efficiency in U.S. transportation and buildings, recommending reducing or eliminating fossil fuels dependency, improved vehicular mileage standards, zero emission buildings (ZEB) and increasing federal government energy research funding.

Philip Schewe, from Physics News Update, a weekly electronic newsletter from the American Institute of Physics
<http://www.aip.org/pnu/>

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Using videos from <http://YouTube.com> and other online sources with blocked internet access. A number of teachers have been using online videos in their classroom, despite the fact that many school networks are locked so as to exclude AVI, etc. YouTube, etc.

- *Matt Coia* of *Williamsville North HS Physics* recommends the use of the <http://www.vixy.net> website for converting YouTube and other FlashVideo / FLV files to MPEG4, avi, etc format. Conversions are handled at the vixy website so a teacher can then download a video to a disk or USB flash memory chip for transportation to a school computer.
- *Brett Thompson* of *Comsewogue HS Physics* suggests that this can also be done at the teacher's home computer using a free download for Macintosh computer from <http://www.chimoo.com/products/tubetv> or another online site <http://www.keepvid.com>.
- *Howard Spergel* of *Cornell Physics* suggests that there are download helpers for the popular Firefox browser www.downloadhelper.net that can be used to

view and save YouTube and other FLV videos which can be layed through various free FLV players.

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Some sample instructor assembled sites featuring videos to try:

- *Brendan Noon* of the *Edison Institute of Technology* uses an extensive collection of videos and web resources across two websites to teach science and physics. *Science with Mr. Noon* <http://www.science-withmrnoon.com/> includes online interactive links and videos for every day of a NY Regents Physics course, a Physics First course and a physical science course. Noon also hosts a YouTube channel <http://www.youtube.com/noonscience> which includes both Noon's classroom teaching activities and presentations by professional physicists to lay audiences on modern, theoretical and particle physics.
- *Tony Mangiacapre* of *St. Mary's HS Physics* has a nice collection of physics videos at <http://www.stmary.ws/physics/home/videos/>.
- *Robert Dalling* of the *Louisiana School for Math Science and the Arts* has a collection of materials at <http://faculty.lmsa.edu/RDalling/physlink.htm> previously featured in *WebSights*.

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Paper Roller Coasters website; <http://www.paperroller-coasters.com/> shows a sample video and distributes a very nifty set of inexpensive materials reviewed by *Diane Reindeau* in the December 2007 edition of *The Physics Teacher*.

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