**Top Animations and Videos\_APES**

**All topics**

<http://www.hippocampus.org/HippoCampus/Earth%20Science>

http://apcentral.collegeboard.com/apc/members/courses/teachers\_corner/19375.html

**Energy**

300 years FFs: <http://www.youtube.com/watch?v=cJ-J91SwP8w>

How Power Plants work: <http://www.youtube.com/watch?v=GI7AhajfhWE>

**COAL**

Coal Mining: <http://www.sciencechannel.com/tv-shows/how-do-they-do-it/videos/how-do-they-do-it-coal-mining.htm>

Dilemma Over Coal Power (incl CCS): <http://www.cbsnews.com/news/the-dilemma-over-coal-generated-power/>

Human Health Effects: <http://medicalxpress.com/news/2012-09-revealing-silent-epidemic-coal-health.html>

Duke Energy should do more: <http://www.wcnc.com/news/iteam/Environmentalists-say-Duke-Energy-should-do-more-to-clean-up-coal-ash-152696085.html>

Mercury in the Lake : <http://www.wcnc.com/news/iteam/Duke-Energy-Coal-Plants-release-mercury-but-hard-to-tie-it-to-fish-warning-151620905.html>

Sulfur dioxide from coal: <http://www.youtube.com/watch?v=yCMchx6Q9Is>

Coal scrubber (first minute or so only): <http://www.youtube.com/watch?v=YyyBN5o4yNo>

Electrostatic precipitator (first bit only): <http://www.youtube.com/watch?v=LYvs8w9CcvM>

**OIL**

Oil Refinery: <http://www.youtube.com/watch?v=XDK20wJUuKQ>

Oil Shale: <http://www.youtube.com/watch?v=6MJQOyeRvBc>

Oil Sands in Alberta (kinda funky, Chinese and English subtitles, don’t always use it): <http://www.youtube.com/watch?v=oYML36YbXo8>

Oil/Tar Sands: <http://www.treehugger.com/fossil-fuels/canadas-tar-sands-so-destructive-it-makes-its-well-paid-workers-want-quit-video.html>

The rest of my Oil (sands) videos are in the Keystone Debate assignment, which I believe is already posted.

My Natural Gas videos are all in the What the Frack assignment, also posted.

I also show these videos, about plastic to oil conversion machine:

Blest company (subtitled—english version is gone ): <http://www.youtube.com/watch?v=azeNV-wNYrI>

Michael Han: <http://www.youtube.com/watch?v=hNcht2x4m8g>

**NUCLEAR**

How nuclear plant works: <http://www.youtube.com/watch?v=RILXhz8hzlE>

How Nuclear Fuel creates energy: <http://www.youtube.com/watch?v=uDfzd0TMpgc>

Nuclear Meltdown 1: <http://www.youtube.com/watch?NR=1&v=nNo9wysNVPQ&feature=endscreen>

Nuclear Meltdown 2: <http://www.youtube.com/watch?v=3_H3-Sy-Mzk&NR=1&feature=fvwp>

Nuclear Meltdown 3: <http://www.youtube.com/watch?v=okHM-Y1-3L0>

Half life 1: <http://nuweb.neu.edu/bmaheswaran/phyu121/data/ch07/anim/anim0702.htm>

Half Life 2: <http://www.absorblearning.com/media/item.action;jsessionid=518FA94FC0EF9833D2C56F80DCACD40C?quick=185>

Yucca Mountain 1: <http://www.youtube.com/watch?v=tbq9a2oyMAo>

Yucca Mountain 2: <http://www.youtube.com/watch?v=iv0Mivu-ceE>