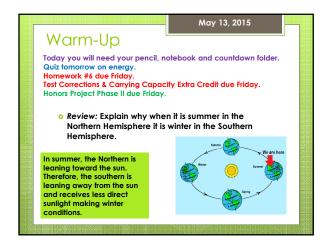
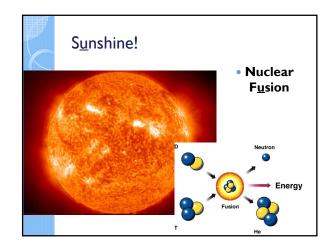
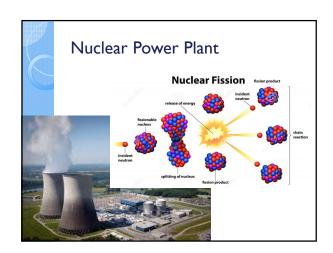
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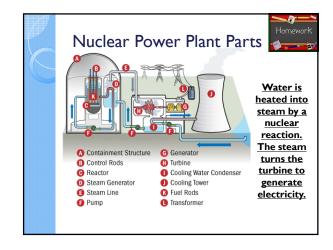


2. What is the difference between nuclear fission and nuclear fusion?

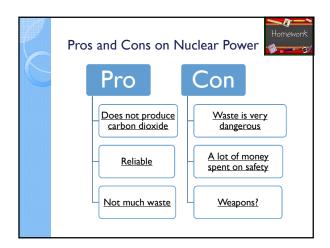
Both are nuclear reactions that produce energy but...

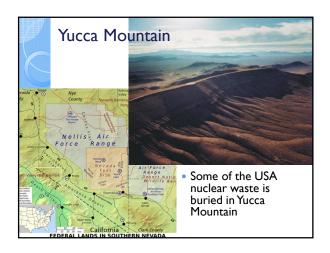
fission is the splitting of a unstable nucleus, and fusion is where two light nuclei combine together.

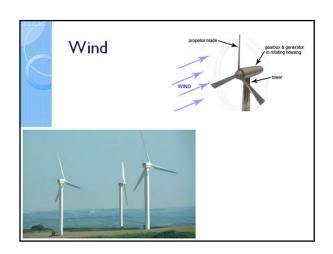


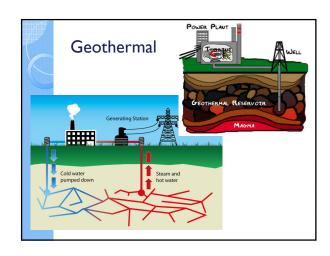


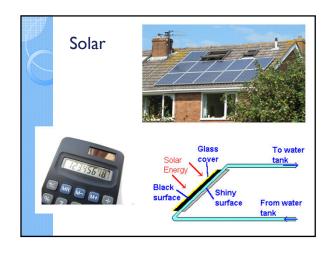
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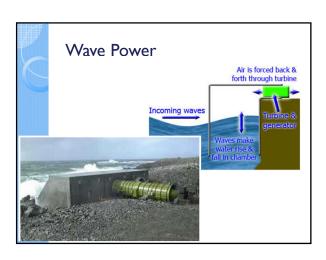




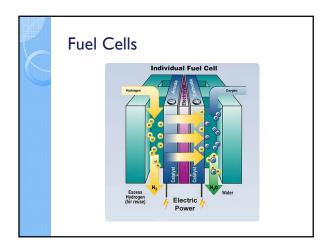


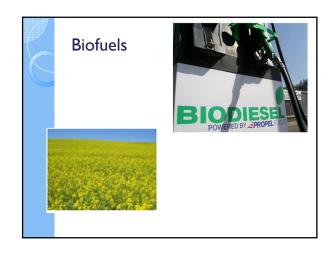


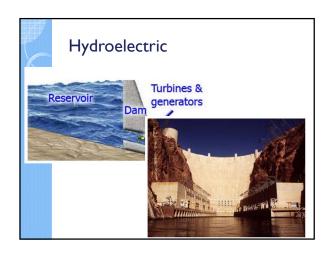




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- Currently burning fossil fuels increases pollution in the atmosphere such as carbon dioxide. Plus is <u>non-renewable</u>.
  - Smog, Acid Rain, etc.
- Alternative <u>renewable</u> energy sources are gaining in popularity because they do not contribute pollution and they are <u>more sustainable</u> methods of energy production

## Computer Lab: Alternative Energy • Didn't finish your table yesterday? • Pages 690 – 697 in your textbook can help! • Back computers are on for those that need to finish their online quizzes. Quiz tomorrow on Energy! Use the study guide to help prepare! Notice the review items from pollution and fossil fuels ©

