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| **CORNELL NOTES****MAIN IDEAS\****QUESTIONS** | **UNIT A: CHAPTER 2 - ENERGY****NOTES:** |
| Renewable resourcehttps://sp.yimg.com/xj/th?id=OIP.M33c7d99a7bff237733acab0ba59b2ed4H0&pid=15.1&P=0&w=245&h=176 | A natural resource that can be replaced in nature at about the same rate that it is being used. |
| Non-renewable resourcehttps://sp.yimg.com/xj/th?id=OIP.M59dcd009846636d4b667b44ebd69c19aH0&pid=15.1&P=0&w=300&h=300 | A natural resource that can’t be replaced in nature at about the same rate that it is being used. |
| Fossil fuelhttps://sp.yimg.com/xj/th?id=OIP.Mb465dd0b5c0784a72c8433695ddcfacfH0&pid=15.1&P=0&w=269&h=180 | Fuels formed from the remains of prehistoric organisms that are burned for energy.  |
| Hydroelectric https://sp.yimg.com/xj/th?id=OIP.Mb83420eb578ec9e6cf746cf444087b66H0&pid=15.1&P=0&w=269&h=155 | Energy that is generated by the conversion of the energy of moving water. |
| Solar https://sp.yimg.com/xj/th?id=OIP.M0cb92b28ee1a05447d04ed7290b531a6H0&pid=15.1&P=0&w=276&h=185 | Radiant [light](https://en.wikipedia.org/wiki/Light) and [heat](https://en.wikipedia.org/wiki/Heat) from the [Sun](https://en.wikipedia.org/wiki/Sun) harnessed using a range of ever-evolving technologies such as [solar heating](https://en.wikipedia.org/wiki/Solar_heating), [photovoltaics](https://en.wikipedia.org/wiki/Photovoltaics), [solar thermal energy](https://en.wikipedia.org/wiki/Solar_thermal_energy), [solar architecture](https://en.wikipedia.org/wiki/Solar_architecture) and [artificial photosynthesis](https://en.wikipedia.org/wiki/Artificial_photosynthesis).  |
| Nuclear Description Nuclear Power Plant Cattenom.jpg | Nuclear power is the use of sustained nuclear fission to generate heat and electricity. |
| Geothermal Concept of Geothermal energy ( Read more about it ) | Thermal energy generated and stored in the Earth. |
| Biomasshttp://www.ducksters.com/science/environment/biomass_types.gif | Biomass is [biological material](https://en.wikipedia.org/wiki/Biomaterial) derived from living, or recently living organisms. In the context of biomass as a resource for making energy, it most often refers to plants or plant-based materials which are not used for food or feed. |
| Hydrogen Fuel Cellhttp://www.prlog.org/10564156-hydrogen-fuel-cell.jpg | A fuel cell is a device that converts the [chemical energy](https://en.wikipedia.org/wiki/Chemical_energy) from a fuel into electricity through a chemical reaction of positively charged hydrogen ions with oxygen or another [oxidizing agent](https://en.wikipedia.org/wiki/Oxidizing_agent) |
| Conservationhttps://sp.yimg.com/xj/th?id=OIP.M8443aff363a3b178c06aba02d0eae673H0&pid=15.1&P=0&w=192&h=152 | The official supervision of rivers, lakes, and other natural resources in order to preserve and protect them for future use. |
| Preservationhttps://sp.yimg.com/xj/th?id=OIP.M0640ff649d410ca839267b3f072cfa26o0&pid=15.1&P=0&w=307&h=173 | To keep alive or healthy. |
| SUMMARY |  |