***ALL ABOUT ENERGY***

1. The theme of energy is the central concept of all of the science.
2. Life processes, physical and chemical changes, interactions and the forces that cause natural cycles and change the earths features all involve energy.
3. Energy is needed for every change in motion to take place.it is possible to observe the effect of energy itself is not observable.
4. Energy can be convert into different ways but neither created nor destroyed.
5. The energy exchange between the earth and the sun creates stable atmosphere on the earth.
6. Electricity is the form of energy.
7. Magnetic force can be converted to electric energy, and then to mechanical, light, thermal, or sound energy, or back into magnetic energy. Electricity can change to other forms of energy.
8. The energy source for all living things is the sun. and the prime energy source of renewable and non-renewable energy are the sun.

**Aurora borealis**

**Aurora australis**