

WELLAND GOULDSMITH SCHOOL,PATULI

CLASS-VII

SUBJECT – CHEMISTRY

CHANGES IN THE WORLD AROUND US

SUMMARY

1. Change can be define as alternation in physical and chemical properties of matter which give a new shape and properties to it.
2. Changes may involve different kinds of alternation in shape size colour state composition etc.
3. Natural changes are the ones that take place by nature.
4. Man made Changes are the ones that take place due to activities of man.
5. Changes that occur after a fixed interval of time are called periodic changes and the other changes that may take place at any time are called non periodic changes.
6. The changes which are useful to us are called desirable changes and the changes which are harmful to us are called undesirable changes.
7. The changes which occur in a short duration of time are called first changes and those that occur for longer duration of time are known as slow changes.
8. A change is reversible if the substance can be brought back to their original form after the occurrence of the change and a change is irreversible if the substance cannot be brought back to its original state.
9. A physical change is the one in which the substance undergoing the change is not destroyed, no new element or compound is formed and only the colour shape or size of the substance may change.

10. A chemical change is the one in which, new substances are formed, properties of the substance before and after the change are different, original properties disappear and new properties are observed, change is brought permanently and change is Irreversible.

11. The change during which the heat is absorbed are called endothermic changes and the changes during which heat energy is evolved are known as exothermic changes.

12. A change depends upon the nature and intensity of interaction.