

CLASS-09
PHYSICAL SCIENCE
UNIT PLAN
CHAPTER: 05 – ATOMS AND MOLECULES

| PERIOD NUMBER | CONCEPTS / TEACHING POINTS | PAGES IN TEXT BOOK | | REMARKS |
|---------------|--|--------------------|----|---------|
| | | FROM | TO | |
| 1. | Substances – compounds Lavoiser scientist Chemical reaction – reactants and products | 70 | 71 | |
| 2. | Law of conservation of mass Experiment | 71 | 72 | |
| 3. | Law of constant proportions | 72 | 73 | |
| 4. | Dalton’s atomic theory Atoms and molecules Elements and molecules | 73 | 75 | |
| 5. | Elements and their names necessary use of symbols Elements and their symbols | 75 | 76 | |
| 6. | Elements some unusual symbols | 77 | 77 | |
| 7. | Elements with more than one atoms Atomicity | 77 | 78 | |
| 8. | Valency Elements and valency Ion and some ions - symbols | 78 | 80 | |
| 9. | Atomic mass | 80 | 81 | |
| 10. | Molecules of compounds Chemical formulae Criss cross method | 81 | 82 | |
| 11. | Molecular mass Formula unit mass | 83 | 83 | |
| 12. | Mole concept Molar mass | 83 | 84 | |

NAGA MURTHY- 9441786635
 Contact at : nagamurthysir@gmail.com
 Visit at : ignitephysics.weebly.com