

AUM SUN PUBLIC SCHOOL
WEEKLY SYLLABUS OF AUGUST SESSION (2024-25)
CLASS-XI (SCIENCE)

SUBJECT- ENGLISH

| S.NO | CHAPTER NAME | DESCRIPTION | WEEK | ASSIGNMENT |
|-------------|-------------------------------------|---|-------------|--|
| 1. | Reading | i) Unseen passage (Factual discursive) ii) Note making & Summarization (what is note making) | 1 week | Making notes |
| 2. | Writing & | i) Classified advertisements ii) Speech writing | 2 week | Drafting advertisements Supply appropriate form of the verb, supply clauses |
| | Grammar | i) Tenses (Gap filling, structure of sentence) ii) Clauses (types of clauses) | 3 week | |
| 3. | Hornbill (Poetry) Voice of the-- | Theme of the poem, the rain- destroyer, preserver | 4 week | Top 10 points summary extract |
| 4. | Snapshot Mother's Day | Message to the play, various character status of mother, justify the title | | Message character sketch |

SUBJECT- PHYSICS

| S.NO | CHAPTER NAME | DESCRIPTION | WEEK | ASSIGNMENT |
|-------------|--|--|-------------|-------------------|
| 1. | Ch-6 System of particles & rotational motion | Centre of mass, momentum conservation and centre of mass motion and rigid body and uniform rod, moment of force, torque, angular momentum and its laws and applications, rigid body, inertia | 1 & 2 week | Numericals |

| | | | | |
|----|---------------------|---|------------|--|
| 2. | Ch-7 Gravitation | Kepler's law, universal law of gravitation, acceleration due to gravity, gravitational potential energy, escape speed, orbital velocity of a satellite. | 3 & 4 week | |
|----|---------------------|---|------------|--|

SUBJECT- CHEMISTRY

| S.NO | THEORY | PRACTICAL | WEEK | ASSIGNMENT |
|------|---------------------------------------|-------------------------|------------|------------|
| 1. | Chemical bonding & molecule structure | Structure of molecules | 1 & 2 week | |
| 2. | Chemical Thermodynamics | System and Surroundings | 3 & 4 week | |

SUBJECT-BIOLOGY

| S.NO | CHAPTER NAME | DESCRIPTION | WEEK | ASSIGNMENT |
|------|--|---|------------|------------|
| 1. | Chapter- 9. (Biomolecules) | Chemical constituents of living cells: biomolecules, structure and function of proteins, carbohydrates, lipids, and nucleic acids; Enzyme - types, properties, enzyme action. (Topics excluded: Nature of Bond Linking Monomers in a Polymer, Dynamic State of Body Constituents Concept of Metabolism, Metabolic Basis of Living, The Living State). | 1 & 2 week | |
| 2. | Chapter – 5 (morphology of flowering plants) | Morphology of different parts of flowering plants: root, stem, leaf, inflorescence, flower, fruit and seed. Description of family Solanaceae | 3 week | |

| | | | | |
|----|--|---|--------|--|
| 3. | Chapter – 6 (Anatomy of flowering plants) | Anatomy and functions of tissue systems in dicots and monocots. | 4 week | |
|----|--|---|--------|--|

SUBJECT- PHYSICAL EDUCATION

| S.NO | CHAPTER NAME | DESCRIPTION | WEEK | ASSIGNMENT |
|-------------|--|---|-------------|-------------------|
| 1. | Unit 5 Physical fitness and health | Meaning and importance of wellness, health and physical fitness, components/dimensions, traditional sports and regional games for promoting wellness | 1 to 4 week | |