

RANGOLI INTERNATIONAL SCHOOL

GRADE XI-Science

Monthly Split Up Syllabus (2026-27)

Month	No of Working days	English	Physics	Chemistry	Biology	Mathematics	Computer Science	Physical Education
June	18	Hornbill 1. The Portrait of a Lady (Prose) A Photograph (Poem) Snapshot 1. The Summer of the Beautiful White Horse (Prose) Grammar 1. Tenses Writing 1. Poster Making	Chapter- 1: Units and Measurements Chapter- 2 Motion in Straight line	Unit 1: Some Basic Concepts of Chemistry	Chapter-1: The Living World Chapter-2: Biological Classification	Chapter1- Sets	Chapter 1 : Computer System	Changing Trends & Career in Physical Education & Olympic Value Education Yoga & Olympic Value Education
July	26	Hornbill 3. We are not Afraid to Die.... (Prose) 4. The Laburnum Top (Poem) Snapshot 2. The Address (Prose) Grammar 2. Reordering of sentences	Chapter- 3 Motion in a Plane	Unit 2: Structure of Atom	Chapter-3: Plant Kingdom Chapter-4: Animal Kingdom Chapter-5: Morphology of Flowering Plants	Chapter-2 Relations and Functions Chapter 3- Trigonometric Functions	Chapter 2 : Encoding Schemes and Number System Chapter 3 : Emerging Trends	Physical Education & Sports for CWSN

		Writing 2. Classified Advertisement ASL						
August	22	Hornbill 5. Discovering Tut: The Saga Continues (Prose) 6. The Voice of the Rain (Poem) 7. The Adventure Grammar 3. Note Making & Summarising Writing 3. Speech Writing ASL	Chapter- 4 Laws of motion Chapter- 5 Work, Energy and Power	Unit 3: Classification of Elements and Periodicity in properties	Chapter-6: Anatomy of Flowering Plants Chapter-7: Structural Organisation in Animals . Chapter-8: Cell- The Unit of Life	Chapter 3- Trigonometric Functions (contd) Chapter 4- Complex Numbers & Quadratic Equations Chapter 5- Linear Inequalities	Chapter 4 : Introduction to Problem Solving Chapter 5 : Getting Started with Python	Physical Fitness, Wellness
September	24	Hornbill 8. Childhood (Poem)	Chapter- 6 System of Particles and Rotational Motion Chapter- 7 Gravitation	Unit 4: Chemical Bonding and Molecular Structure Unit 5: Thermodynamics	Chapter-9: Biomolecules Chapter-10: Cell Cycle and Cell Division	Chapter 6- Permutations and Combinations Chapter 7- Binomial Theorem Chapter 8- Sequences and Series	Chapter 6 : Flow of Control	Measurements & Evaluation
October	23	Hornbill 9. Silk Road (Prose) Snapshot	Chapter- 8 Mechanical Properties of Solids	Unit 6: Equilibrium	Chapter-11: Photosynthesis in Higher Plants	Chapter 9- Straight Lines Chapter 10- Conic Sections	Chapter 7 : Functions	Fundamentals of Anatomy and Physiology in Sports

		<p>3. Mother's Day (Prose)</p> <p>Grammar 5. Clauses 6. Transformation of sentences</p> <p>Writing 4. Debate Writing</p>			Chapter-12: Respiration in Plants		Chapter 8 : Strings	
November	12	<p>Hornbill 10. Father to Son (Poem)</p> <p>Snapshot 4. Birth (Prose)</p>	<p>Chapter- 9 Mechanical Properties of Fluids</p> <p>Chapter- 10 Thermal Properties of Matter</p>	Unit 7: Redox Reactions	<p>Chapter13: Plant - Growth and Development</p> <p>Chapter-14: Breathing and Exchange of Gases</p>	<p>Chapter 10- Conic Sections (contd)</p> <p>Chapter 11- Three-dimensional Geometry</p>	Chapter 9 : Lists	Fundamentals of Kinesiology and Biomechanics in Sports + Psychology and Sports
December	25	<p>Snapshot 5. The Tale of Melon City</p>	<p>Chapter- 11 Thermodynamics</p> <p>Chapter- 12 Kinetic Theory Section B</p>	Unit 8: Organic Chemistry – Some Basic Principles and Techniques	<p>Chapter-15: Body Fluids and Circulation</p> <p>Chapter-16: Excretory Products and their Elimination</p>	Chapter 12- Limits and Derivatives	<p>Chapter 10 : Tuples and Dictionaries</p> <p>Chapter 11 : Societal Impact</p>	Training & Doping in Sports + Revision / Practice Tests

January	22		Chapter- 13 Oscillations Chapter- 14 Waves	Unit 9: Hydrocarbons	Chapter-17: Locomotion and Movement Chapter18: Neural Control and Coordination Chapter19: Chemical Coordination and Integration	Chapter 13- Statistics Chapter 14- Probability		
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