

AES - AG HIGHER SECONDARY SCHOOL

NAVRANGPURA, AHMEDABAD – 380009

MONTHWISE PLANNING FOR THE YEAR 2024-2025

STD - 11 SCIENCE

SUBJECT – PHYSICS

Sr. No.	Month	Working Days	Curriculum Planning
1	June	17	Basic Mathematics 1 – Unit and measurement
2	July	26	2 – Motion in Straight line 3 – Motion in plane
3	August	23	4 – Laws of Motion 5 – Work Energy Power
4	September	23	6 – Rotational Motion 7 – Gravitation
5	October	21	8 – Mechanical Properties of solid Revision and First term exam
6	November	12	9 – Mechanical properties of fluids
7	December	25	10 – Thermal Properties of matter 11- Thermodynamics
8	January	24	12- Kinetic Theory of Gases Revision and Second term exam
9	February	24	13 – Oscillation
10	March	23	14 – Waves
11	April	22	Revision and Annual exam

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MONTHWISE PLANNING FOR THE YEAR 2024-2025

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SUBJECT – PHYSICS PRACTICAL

Sr. No.	Month	Working Days	Curriculum Planning
1	June	17	1 – Vernier callipers 2 – Micrometre screw gauge
2	July	26	3 – Spherometer 4 – Beam Balance 5 – Parallelogram
3	August	23	6 – Simple Pendulum 7 – Coefficient of Friction
4	September	23	8 – Inclined Plane 9 – Young's Modulus
5	October	21	10 – Spring Constant 11 – Variation of Volume with Pressure
6	November	12	12 – Capillary Method 13 – Coefficient of viscosity
7	December	25	14 – Cooling curve 15 – Sonometer
8	January	24	16 – Resonance Tube 17 – Specific Heat
9	February	24	Revision
10	March	23	Annual practical exam

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SUBJECT – CHEMISTRY

Sr. No.	Month	Working Days	Curriculum Planning
1	June	17	1 – Some basic concepts of chemistry
2	July	26	2 – Structure of atom 3 – Classification of elements & periodicity in properties
3	August	23	3 – Classification of elements & periodicity in properties 4 – Chemical bonding & molecular structure
4	September	23	4 – Chemical bonding & molecular structure 5 - Thermodynamics
5	October	21	6 – Equilibrium Revision and First term exam
6	November	12	6 – Equilibrium
7	December	25	6 – Equilibrium 7 - Redox reactions
8	January	24	8 – Organic chemistry : some basic principles & techniques Revision and Second term exam
9	February	24	9 – Hydrocarbons
10	March	23	9 – Hydrocarbons
11	April	22	Revision and Annual exam

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SUBJECT – CHEMISTRY PRACTICAL

Sr. No.	Month	Working Days	Curriculum Planning
1	June	17	1 – Introduction 2 – Basic Laboratory Techniques
2	July	26	6 – Titrimetric Analysis
3	August	23	5 - pH And pH Change In Aqueous Solutions. – demonstration (Experiment no. 5.2, 5.3, 5.5)
4	September	23	7 – Systematic Qualitative Analysis
5	October	21	
6	November	12	
7	December	25	
8	January	24	4 – Chemical Equilibrium – Demonstration (Experiment – 4.1, 4.2)
9	February	24	3 – Purification And Criteria Of Purity – Demonstration (experiment 3.1 and 3.2/3.3) Revision
10	March	23	Annual practical exam

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STD - 11 SCIENCE

SUBJECT – BIOLOGY

Sr. No.	Month	Working Days	Curriculum Planning
1	June	17	1 – The Living World 2 – Biological Classification 3 – Plant Kingdom
2	July	26	3 – Plant Kingdom 4 – Animal Kingdom 5 – Morphology of Flowering Plants
3	August	23	5 – Morphology of Flowering Plants 6 – Anatomy of Flowering Plants 7 – Structural Organization in Animals
4	September	23	7 – Structural Organization in Animals 8 – Cell: The Unit of Life 9 – Biomolecules
5	October	21	9. Biomolecules 10 – Cell Cycle and Cell Division 11 – Photosynthesis in Higher Plants Revision and First term exam
6	November	12	11 – Photosynthesis in Higher Plants
7	December	25	12 – Respiration in Plants 13 – Plant Growth and Development
8	January	24	14 – Breathing and Exchange of Gases 15 – Body Fluids and Circulation Revision and Second term exam
9	February	24	16 – Excretory Products and their Elimination 17 – Locomotion and Movement 18 – Neural Control and Coordination
10	March	23	18 – Neural Control and Coordination 19 – Chemical Coordination and Integration
11	April	22	Revision and Annual Exam

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MONTHWISE PLANNING FOR THE YEAR 2024-2025

STD - 11 SCIENCE

SUBJECT – BIOLOGY PRACTICAL

Sr. No.	Month	Working Days	Curriculum Planning
1	June	17	1 – Microscope 2 – Morphology of bacteria, fungi, plants
2	July	26	3 – External features- animals 5 – Inflorescences
3	August	23	6 – plant family 7 – Anatomy of monocot and dicot
4	September	23	8 – Animal model 4 – Mitosis
5	October	21	9 – Plasmolysis (demonstration) 13 – Plant pigments
6	November	12	14 – Respiration (demonstration)
7	December	25	10, 11 & 12 – Detection of carbohydrate, protein, fat 15 – Demonstration on set up
8	January	24	16, 17, 18, & 19 – Presence of particular compound in urine
9	February	24	20 – human skeleton 21 – joints in human skeleton Revision
10	March	23	Annual practical exams

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STD - 11 SCIENCE

SUBJECT – MATHS

Sr. No.	Month	Working Days	Curriculum Planning
1	June	17	1 – Sets
2	July	26	2 – Relation and function 3 – Trigonometric function
3	August	23	4 – Complex number and quadratic equation 5 – Linear inequalities
4	September	23	6 – Permutations and combination 7 – Binomial theorem
5	October	21	8 – Sequences and series Revision and First term exam
6	November	12	9 – Straight lines
7	December	25	9 – Straight lines 10 – Conic sections
8	January	24	10 – Conic sections 11 – Introduction to three dimensional geometry Revision and Second term exam
9	February	24	12 – Limits and derivatives 13 – Statistics
10	March	23	13 – Statistics 14 – Probability
11	April	22	Revision and Annual term exam

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MONTHWISE PLANNING FOR THE YEAR 2024-2025

STD - 11 SCIENCE

SUBJECT – ENGLISH

Sr. No.	Month	Working Days	Curriculum Planning
1	June	17	L.1 – The portrait of a lady P.1 – A photograph
2	July	26	L.2 – We're not afraid to die L.3 – Discovering tut : The saga continue S.R.1 – The summer of the beautiful white horse
3	August	23	P.2 – The Laburnum Top S.R.2 – Address
4	September	23	L.5 – The Ailing Planet: the Green Movement's Role P.3 – The Voice of the Rain
5	October	21	Revision and first term exam
6	November	12	P.4 – Childhood
7	December	25	L.7 – The Adventure S.R.5 – Mother's Day
8	January	24	S.R.6 – The Ghat of the only world P.5 – Father to Son Revision and second term exam
9	February	24	L.8 –Silk Road S.R.7 – Birth
10	March	23	S.R.8 – The Tale of Melon City
11	April	22	Revision and Annual term exam

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MONTHWISE PLANNING FOR THE YEAR 2024-2025

STD - 11 SCIENCE

SUBJECT – COMPUTER

Sr. No.	Month	Working Days	Curriculum Planning
1	June	17	1 – Introduction to Multimedia 2 – Animation Tool: Synfig
2	July	26	3 – Creating Animation Using Synfig 4 – Introduction to Layers 5 – Using Pictures in Synfig
3	August	23	5 – Using Pictures in Synfig
4	September	23	6 – Basic Ubuntu Linux Commands
5	October	21	6 – Basic Ubuntu Linux Commands 7 – Vim Editor and Basic Scripting First term exam
6	November	12	7 – Vim Editor and Basic Scripting 8 – Advance Scripting
7	December	25	9 – Introduction to Database Management System 10 – Working with Tables 11 – Retrieving Data Using Queries
8	January	24	12 – Forms and Reports 13 – Current Trends and Technologies Second term exam
9	February	24	13 – Current Trends and Technologies
10	March	23	Revision and Annual practical exam
11	April	22	Revision and Annual term exam