

COURSE PLANNER

For Students of

CLASS-8th

REGULAR PROGRAM

Medium: **English**

Course Concept: The Program prepare students for NCERT + OLYMPIADS & build strong foundation that leads to Excellent performance in Engineering & Medical Examinations along with excellence in school studies.

Course Commencement: 07.04.2025 | Course Ends: 14.02.2026

TEACHING/LEARNING TOOLS

- ♦ Classroom Teaching
- ♦ Daily Practice Problems (DPPs)
- ♦ Study Material (Sheet/Modules)
- ♦ Periodic Tests
- ♦ Doubt Classes
- ♦ SEP Sheets

DISCLAIMER

- ♦ The Institute reserves the right to increase/decrease the number of lectures allotted to any topic and also make changes in the sequence of the topics in each subject depending upon the course requirements.
- ♦ This Course Planner in all respects is applicable only at Kota (Rajasthan) SCs. At other Resonance Study Centers, Students/Parents may find some 'minor' variations to accommodate City specific features/factors.
- ♦ The information given in this Course Planner is proposed for Academic Session 2025-26. The institute reserves the right to make changes in it in the interest of students.

TOTAL ACADEMIC HOURS

- ♦ **Course Duration:** 46 Weeks
- ♦ **Total Number of Lectures:** 393
- ♦ **Duration of one lecture:** 45 minutes
- ♦ **Total Duration of Classroom Teaching:** 295 hrs
- ♦ **Total Duration of Testing:** 48 hrs
- ♦ **Total Academic Hours:** 343 hrs

HOLIDAYS / VACATIONS

1. **Summer Break:** 18th May to 15th June 2025
2. **Raksha Bandhan:** 09th August, 2025
3. **Independence Day:** 15th August, 2025
4. **Anant Chaturdashi:** 06th September, 2025
5. **Dussehra:** 02nd October, 2025
6. **Deepawali Holidays:** 17th Oct. to 26th October, 2025
7. **Winter Break:** 28th Dec. 2025 to 04th January, 2026
8. **Makar Sankranti:** 14th January 2026
9. **Republic Day:** 26th January, 2026: (Applicable only at Kota SC and at other SC's Deepawali vacation will be informed to students as per respective SC holiday calendar)

PTSM Schedule: 10th May, 2025 | 23rd August, 2025 | 04th October, 2025 | 24th January, 2026 | 08th March, 2026

CALL US FOR MORE DETAIL :
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SUBJECT WISE SYLLABUS PLAN

ENGLISH		
S.No.	Topic Name	No. of Classes
1.	Noun	2
2.	Reading Comprehension	2
3.	Pronoun	2
4.	Tense	3
5.	" Notice Writing, Essay Writing"	1
6.	Conditionals	1
7.	Adjective	2
8.	Irregular Verbs	1
9.	Adverb	2
10.	One Word Substitution	1
11.	Active and Passive Voice	2
12.	Direct and Indirect Speech	2
13.	Subject Verb Agreement	2
14.	Modals	2
15.	Phrasal Verbs	1
16.	Synonyms and Antonyms	1
17.	Letter Writing	1
18.	Story Writing, Diary Writing	1
19.	Article Writing	1
20.	Idioms	1
21.	Determiners	2
22.	Preposition	1
23.	Conjunction	2
24.	Homophones, Homonyms	1
25.	Spoken English Activity+ Diary Entry	3
26.	Speech Writing & Report Writing	1
27.	Revision	14
	Total	54

SOCIAL SCIENCE		
S.No.	Topic Name	No. of Classes
1.	How, When and Where	2
2.	"Resources, Types and Development "	3
3.	The Indian Constitution	3
4.	" Understanding Secularism"	2
5.	From Trade to Territory	3
6.	Ruling the Country Side	2
7.	Tribal, Dikus and the Vision of a Golden Age	2
8.	Land, Soil, Water and Natural Vegetation and Wildlife Resources	3
9.	Mineral and Power Resource	3
10.	When People Rebel	2
11.	Why do We Need a Parliament	2
12.	Agriculture	4
13.	Colonialism & the Story of an Imperial City	2
14.	Manufacturing Industries	3
15.	Understanding Laws	2
16.	Civilizing the Native Educating the Nation	3
17.	Judiciary	3
18.	Women, Caste and Social Reforms	3
19.	Understanding Our Criminal Justice System	2
20.	Human Resources	3
21.	Understanding and Tackling Marginalisation	3
22.	" The Indian Nationalist Movement-I"	4
23.	The Indian Nationalist Movement-II	4
24.	Law and Social Justice	3
25.	Revision	3
	Total	64

PHYSICS		
S.No.	Topic Name	No. of Classes
1.	Force	5
2.	Pressure	8
3.	Friction	3
4.	Sound	9
5.	Electricity	9
6.	Light	10
7.	Earthquakes	1
8.	" Rain, Thunder and Lightning"	1
9.	The Night Sky	4
	Total	50

BIOLOGY		
S.No.	Topic Name	No. of Classes
1.	Crop Production and Management	6
2.	Micro Organisms Friend & Foe	7
3.	Conservation of Plants and Animals	4
4.	Cellular Level of Organisation	7
5.	Reproduction in Animals	5
6.	Pollution of Air and Water	3
7.	Reaching the Age of Adolescence	10
8.	Revision	6
	Total	48

MATHEMATICS		
S.No.	Topic Name	No. of Classes
1.	Rational Numbers	8
2.	"Squares & Square Roots"	8
3.	Cubes and Cube Roots	5
4.	Linear Equation in One Variable	3
5.	Quadrilaterals	7
6.	Construction of Quadrilaterals	3
7.	Playing with Numbers	3
8.	Algebraic Expressions, Algebraic Identities	10
9.	Exponents and Power	5
10.	Percentage and its Application	6
11.	Compound Interest	5
12.	Direct and Inverse Variation	6
13.	Visualising Solid Shapes	4
14.	Mensuration	6
15.	Introduction to Graph	3
16.	Data Handling	4
17.	Probability	3
	Revision	5
	Total	94

MENTAL ABILITY		
S.No.	Topic Name	No. of Classes
1.	Test of Alphabets	2
2.	Logical Numbers	1
3.	Repeat the Letters	1
4.	Magic of Figures	1
5.	Operations	2
6.	Secret of the Words	2
7.	Journey Ends	2
8.	Sequencing	2
9.	Blood Sample	3
10.	Sit Over Here	2
11.	Unlock the Mystery	2
12.	Pictures	2
13.	Throw it	1
14.	Date and Time	3
15.	Compare & Out	1
16.	Figure Situation	1
17.	Mixture	3
	Total	32

CHEMISTRY		
S.No.	Topic Name	No. of Classes
1.	Synthetic Fibre and Plastics	12
2.	Metals and Non - Metals	15
3.	Coal and Petroleum	8
4.	Combustion and Flame	13
	Total	48

School Examination Preparatory (SEP) Sheet: Schedule

S.No.	Test Syllabus					
	Physics	Chemistry	Mathematics	Biology	English	Social Science
1			Rational Numbers		Noun, Reading Comprehension	How, When and Where
2	Force		squares and square roots	Crop production & Management	Pronoun, Tense	Resources, Types and Development + From Trade to Territory
3	Pressure		Cube and cube roots		" Notice Writing, Essay Writing"	The Indian Constitution & Understanding Secularism + Ruling the Country Side & Tribal, Dikus and the vision of a Golden age
4	Friction	Synthetic Fibre and Plastics	Linear equation in one variable	Micro organism friends & foe	Conditionals, Adjective	Land, Soil, Water and Natural veg. and Wildlife Resources
5			quadrilateral		Irregular Verbs, Adverb	Mineral and Power Resource
6	Sound		Construction		One Word Substitution	When people rebel + Agriculture
7		Metals and Non - Metals	playing with numbers	Conservation of Plants & Animals	Active and Passive Voice	Why do we need a parliament
8			Algebraic expression		Direct and Indirect Speech	
9			Algebraic Identities		Subject Verb Agreement	Manufacturing Industries
10	Electricity		Exponents and power		Modals, Phrasal Verbs	Weavers, Iron smelters and factory owners + Civilising the Native, Educating the nation
11		Coal and Petroleum	Percentage and its application	Cellular level of Organization	Synonyms and Antonyms	Understanding Laws + Judiciary + Understanding our Criminal justice system
12			Compound Interest		Letter Writing	Women, Caste and Social Reforms + Human Resources
13	Light		Direct and inverse variation	Reproduction In animals	Story Writing, Diary Writing	Understanding Marginalisation + Confronting Marginalisation
14			Visualising Solid Shape		Article Writing	
15	Earthquakes		Mensuration	Pollution of air and water	Idioms, Determiners	
16	Rain, Thunder and lightning		Introduction to graph		Preposition, Conjunction	
17			Data Handling		Homophones, Homonyms	The Indian Nationalist Movement-I + The Indian Nationalist Movement-II
18	Night Sky	Combustion and Flame	Probability	Reaching the age of adolescence	Spoken English Activity + Diary Entry	Law and Social Justice

Academic Planning & Test Grid

Olympiad Pattern Part Test (OPT), Olympiad Pattern Cumulative Test (OCT), School Exam Preparatory Pattern Test (SEP), Major Test (MT) Syllabus						
Periodic Test (PT) Type & No.	P.T. Date	Test Type	Physics	Chemistry	Mathematics	Biology
Social Science						
English						
Mental Ability						
OPT1 (2 Hr) (Sc.M.SST. E.MAT)	26.04.25	Objective	Force (upto Types of force)	Synthetic Fibre and Plastics (upto polyester, acrylic)	Rational Numbers	Crop production and management (upto harvesting).
OCT1 (2 Hr) (Sc.M.SST. E.MAT)	17.06.25	Objective	Force , Pressure (upto Atmospheric pressure on other planets)	Synthetic fibres and plastics (up to various fibres)	Rational Numbers, Square and square root	Crop production and management, Micro organisms friend & foe (upto algae)
SEP1 (3 Hr /1.5 Hr) (Sc. & Eng)	10.07.25	Subjective (Offline) /Objective (Online)	Force, Pressure	Synthetic fibres & plastics	NA	Crop production and management, and Micro organisms friend & foe
SEP2 (3 Hr /1.5 Hr) (Mains & SST)	12.07.25	Subjective (Offline) /Objective (Online)	NA	NA	Rational numbers, Squares and square root, Cubes and cube roots , Linear equation in one variable	NA
OPT2 (2 Hr) (Sc.M.SST. E.MAT)	16.08.25	Objective	Pressure , Friction, Sound (Till Characteristics of sound)	Synthetic fibres & plastics (From Plastics), Metals and Non-Metals (till physical properties of metals)	Squares and square root, Cubes and cube roots, Linear equation in one variable, Quadrilaterals, Construction of quadrilaterals, Playing with numbers	Conservation of plants and animals, Cellular level of organisation (upto cytoplasm)

Half Yearly / Term-1 Dates: 8th to 20th Sep 2025

MT-1 Term-1 Subjective

OPT3 (2 Hr) (Sc.M.SST. E.MAT)	11.10.25	Objective	Sound (from Measure of intensity of sound), Electricity (Upto Charging by conduction)	Metals and Non-metals	Algebraic expressions, Algebraic Identities, Exponents and powers, Percentage and its application (up to Percent increase and decrease)	Cellular level of organisation, Reproduction in animals (upto asexual reproduction)	Why do we need a parliament, Understanding laws, When people rebel, Civilising the native, Educating the nation, Women, Caste and Reform	Phrasal Verbs, Determiners, Modals, Homophones and Homonyms	blood sample, Sit over here, Unlock the mystery (puzzles, classification type puzzle)
OCT2 (2 Hr) (Sc.M.SST. E.MAT)	08.11.25	Objective	Force, Pressure, Friction, Sound, Electricity (Upto Electrical conductivity)	Synthetic Fibre and Plastics, Metals and Non-metals, Coal and Petroleum (upto fossil fuels)	Rational numbers , Squares and square root, Cubes and cube roots , Linear equation in one variable, Quadrilaterals, Construction of quadrilaterals, Playing with numbers, Algebraic expressions , Algebraic Identities, Exponents and power, Percentage and its application	Reproduction in animals, Pollution of air and water, Reaching the age of Adolescence (upto role of hormone in adolescence)	Civilising the native, Educating the nation, Women, Caste and Reform, The Nationalist Movement-I, The Nationalist Movement-II	Noun, Reading Comprehension, Verse, Conditional, Irregular Verbs, Active Passive voice, Direct and Indirect Speech, Subject and Predicate, Modals, Synonyms and Antonyms, Determiners, Preposition, Conjunction	Test of alphabets, logical numbers, Logical alphabets, repeat the letters, magic of figures, operations secret of the words, journey ends, sequencing, blood sample sit over here, unlock the mystery, pictures
SEP3 (3 Hr /1.5 Hr) (Sc. & Eng)	04.12.25	Subjective (Offline) /Objective (Online)	Sound (from Reflection of sound), Electricity, Light (Upto Types of Mirrors)	Metals and Non-metals, coal and petroleum	NA	Reproduction in animals, Pollution of air and water	NA	Reading Comprehension, Determiners, Preposition, Phrasal Verbs, Sory writing, Diary Entry, Direct and Indirect Speech, Conjunction, Passive Voice, Conjunction, Synonym and Antonym (1-30)	NA
SEP4 (3 Hr /1.5 Hr) (Mains & SST)	06.12.25	Subjective (Offline) /Objective (Online)	NA	NA	Exponents and power, Percentage and its application, Compound Interest, Direct and inverse variation	NA	When people rebel, Civilising the native and Educating the nation ; Women Caste and reforms; The Indian National Movement I ; The Indian national Movement II, Manufacturing Industries	NA	NA
OPT4 (2 Hr) (Sc.M.SST. E.MAT)	17.01.26	Objective	Electricity, Light, Earthquakes	Coal and petroleum, Combustion and flame (up to types of combustion and flame)	Percentage and its application, Compound Interest, Direct and inverse variation, Visualising Solid Shapes, Mensuration, Introduction to graph	Pollution of air and water, Reaching the age of Adolescence, Reproduction in animals	The Nationalist Movement-I, The Nationalist Movement-II, Manufacturing Industries, Human resources, Judiciary, Understanding our criminal justice system, Understanding and Tackling marginalisation	Conjunction, Preposition, One word Substitution (1- 20), Subject- Verb Agreement	unlock the mystery, pictures, throw it, Date and time, Compare & out, Figure situation, Mixture

Annual Exam / Term-2 Dates: From 10th Feb to 4th March-2026

MT-2 Term-2 Subjective

Date of Reshuffling of Batches: 23.06.2025 | 29.09.2025