

COURSE PLANNER

For Students of

CLASS-7th

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

MATHEMATICS

S.No.	Topic Name	No. of Classes
1.	Integers	5
2.	Fractions & Decimals	8
3.	Rational numbers	8
4.	Lines and Angles	6
5.	Triangles	7
6.	Congruency of Triangles	3
7.	Exponents	2
8.	Algebraic Expressions	8
9.	Data Handling	7
10.	Probability	2
11.	Construction	3
12.	Symmetry and visualizing solid shapes	4
13.	Mensuration	7
14.	Linear equation	4
15.	Ratio & Proportion	3
16.	Percentage	4
17.	Profit, Loss & Discount	5
18.	Simple Interest	3
19.	Revision	5
	Total	94

CHEMISTRY

S.No.	Topic Name	No. of Classes
1.	General Chemistry	13
2.	Fibre to Fabric	10
3.	Acids, Bases and Salts	10
4.	Physical and Chemical Changes	6
5.	Water - A Precious Resource	9
	Total	48

BIOLOGY

S.No.	Topic Name	No. of Classes
1.	Nutrition in organisms	6
2.	Weather, climate and Adaptation	5
3.	Respiration	7
4.	Transportation	6
5.	Forest our life line	4
6.	Soil	5
7.	Reproduction	5
8.	Food	3
9.	Movement in animals	3
10.	Revision	4
	Total	48

SOCIAL SCIENCE

S.No.	Topic Name	No. of Classes
1.	Tracing Changes Through A Thousand Years	2
2.	Environment	2
3.	Equality in Indian Democracy	4
4.	New Kings and Kingdoms	3
5.	Inside our Earth	2
6.	Delhi Sultans	3
7.	Our Changing Earth	2
8.	State Government and its Role in Health	2
9.	The Mughal Empire	4
10.	Rulers and Builders	3
11.	Air and Weather & Climate	4
12.	Gender and the role of women	4
13.	Water	1
14.	Media and Advertisemenmt	5
15.	Towns, Traders and Craftpersons	1
16.	Natural vegetation and wild life	2
17.	Tribes ,nomads and settled communities	2
18.	Human enviornement and settlement	2
19.	Devotional path to divine	2
20.	The Human Enviornment Interaction	5
21.	The making of regional Culture	1
22.	Market around us	2
23.	Life in Temperate grassland	2
24.	Life in Deserts	1
25.	Eighteenth century Political Formation	2
26.	Revision	5
	Total	68

PHYSICS

S.No.	Topic Name	No. of Classes
1.	Units and Measurements	5
2.	Motion and Time	9
3.	Heat	6
4.	Sound	6
5.	Electrical Current and its Effect	5
6.	Light	8
7.	Winds, Storms and Cyclones	3
8.	Universe	3
9.	Revision	4
	Total	49

ENGLISH		
S.No.	Topic Name	No. of Classes
1.	Noun	2
2.	Pronoun	2
3.	Reading comprehension	1
4.	Adjective	3
5.	Adverb	2
6.	Essay writing and Notice writing	1
7.	Idioms, Article , Report and Speech writing	3
8.	Irregular Verbs	1
9.	Tense	3
10.	Conditionals	1
11.	Active Passive	2
12.	Direct and Indirect speech	3
13.	One word substitution	1
14.	Subject Verb Agreement	2
15.	Modals	1
16.	Determiners	2
17.	Phrasal verbs	1
18.	Conjunctions	1
19.	Preposition	2
20.	Story / Diary Writing	1
21.	The Sentence	2
22.	Question Tags	1
23.	Homophones	1
24.	Synonyms and antonyms	1
25.	Letter & Application Writing	1
26.	Revision	13
	Total	54

MENTAL ABILITY		
S.No.	Topic Name	No. of Classes
1.	Playing Alphabets	2
2.	Trains	4
3.	Magical figure	1
4.	Operate the problems	3
5.	Words in problem	2
6.	At the destination	2
7.	Be regular	2
8.	Sit down	1
9.	Magic mystery	2
10.	Compare & out	2
11.	Count down	1
12.	The time is right	2
13.	Figure train & Figure out	2
14.	Throw it	1
15.	Get the image	2
16.	Mixture	3
	Total	32

School Examination Preparatory (SEP) Sheet: Schedule

S.No.	Test Syllabus					
	Physics	Chemistry	Mathematics	Biology	English	Social Science
1	Units & Measurements		Integers		Noun, Message and Notice writing	
2	Motion and Time		fractions and decimals		Pronoun, Adverb	*Tracing Changes Through A thousand years + Equality In Indian Democracy + Inside our Earth*
3			rational number	Nutrition in Organisms	Reading comprehension,	Environment+ New Kings and kingdoms + The Delhi Sultans
4		"GENERAL CHEMISTRY"	"lines and angles"	Weather, climate & adaptation	Irregular Verbs	
5	Heat		Triangles	Respiration	Adjective,, Idioms and Phrases,	State Government and its Role in Health + Rulers and Builders
6			"Congruency of Triangles"	Transportation	Article, Report and Speech writing	Our Changing Earth + The Mughal Empire + AIR
7	Sound	"Fibre to Fabric "	Exponents	Forest our life line	Tense, Active Passive,	
8		"Acids, Bases and Salts "	"Algebraic Expressions"	Soil	Letter Writing	Gender & the role of women + WATER
9			Statistics		Conditionals,	Media and Advertisement
10	"Electrical Current & Its Effect"		Probability	Reproduction	Direct & Indirect speech	Town traders and craft persons
11			construction		One word substitution,	Natural vegetation and wild life
12	Light		"symmetry & visualizing solid shapes"		Modals, Phrasal verbs	Tribes, Nomads & settled communities
13			Mensuration	Food	Subject Verb Agreement,	Human environment and settlement
14		Physical & Chemical Changes	linear equation		Story Writing, Determiners	The Tropical and subtropical Region
15			"Ratio and Proportion"		Conjunctions, The Sentence	Devotional path to divine + The making of regional Culture
16			Percentage		Preposition, Question Tags	Market
17	Wind, Storm & Cyclones		"Profit loss discount"	Movement in animals	Homophones,	Life in Temperate grassland + Eighteenth century Political Formation
18	Universe	"Water-A Precious Resource"	Simple Interest		Synonyms and antonyms	Life in the Desert

Academic Planning & Test Grid

Periodic Test Type & No.	P.T. Date	Test Type	Olympiad Pattern Part Test (OPT), Olympiad Pattern Cumulative Test (OCT), School Exam Preparatory Pattern Test (SEP), Major Test (MT) Syllabus				
			Physics	Chemistry	Mathematics	Biology	Social Science
OPT1 (2 Hr) (Sc,M,SST, E,MAT)	26.04.25	Objective	Measurements	General Chemistry (up to Modern atomic theory,)	Integers	Nutrition in organisms	Tracing Changes through A thousand years, Environment
OCT1 (2 Hr) (Sc,M,SST, E,MAT)	17.06.25	Objective	Measurements, Motion and Time (upto Difference between speed and velocity)	General Chemistry (up to Atomic no, Mass)	Integers, Fractions & Decimals	Nutrition in organisms, Weather, climate and Adaptation (till Adaptation)	Tracing Changes through A thousand years, Environment, Equality in Indian Democracy , New Kings and Kingdoms, Inside our Earth,
SEP1 (3 Hr / 1.5 Hr) (Sc. & Eng)	10.07.25	Subjective (Offline) / Objective (Online)	Measurement, Motion and time	General Chemistry	NA	Nutrition in organisms, Weather climate adaptation	NA
SEP2 (3 Hr / 1.5 Hr) (Mains & SST)	12.07.25	Subjective (Offline) / Objective (Online)	NA	NA	Integers, Fractions & Decimals, Rational numbers, Rational numbers, Lines and Angles	NA	Tracing Changes through A thousand years, Environment, Equality in Indian Democracy, New Kings and Kingdoms, Inside our Earth, Delhi Sultans, Our Changing Earth
OPT2 (2 Hr) (Sc,M,SST, E,MAT)	16.08.25	Objective	Motion and time (from Acceleration) , Heat	General Chemistry (from Atomic no.), Fibre to Fabric (till Processing of cocoons to obtain silk fibre, uses of silk)	Fractions & Decimals, Rational Numbers , Lines and Angles, Triangles, Congruency of Triangles, Exponents,	Respiration, Transportation	Delhi Sultans, Our Changing Earth, State Government and its Role in Health, The Mughal Empire, Rulers and Builders

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, Electrical Current and Its Effect (upto Types of cell)	Fibre to fabric, Acids Bases and Salts (till Some important Acids and their uses, physical properties of acid)	Algebraic Expression, Data Handling ,Probability	Transportation	Air, Weather, and Climate, Gender and the role of women ,Water, Media and Advertisement (up to Types of Advertisement)	Active and Passive voice, Determiners, direct and indirect speech, One word substitution	be regular, sit down, Magic mystery, Compare & out(fill Comparison)
OCT2 (2 Hr) (Sc,M,SST, E,MAT)	08.11.25	Objective	Measurement, Motion and time , Heat, Sound , Electrical Current and Its Effect	General Chemistry, Fibre to fabric and Acids Bases and Salts (till physical properties of base)	Integers, Fractions & Decimals, Rational numbers, Lines and Angles, Triangles, Congruency of Triangles, Exponents, Algebraic Expression, Data Handling, Probability	Forest our life line, Soil, (till Layers of soil)	The Mughal Empire, Rulers and Builders, Environment, Air & Weather and Climate, Gender and the role of women, Water, Media and Advertisement, Natural Vegetation and Wildlife, Tribes, Nomads and settled communities	Noun, Pronoun, Adjective, Verb, Preposition, Idioms, Conditional, Subject Verb Agreement, Direct and indirect speech, Active & Passive voice, Determiners, Preposition	Playing Alphabets, Trains, Magical figure, Operate the problems, words in problems, at the destination, be regular, sit down, magic mystery, compare & out, count down
SEP3 (3 Hr / 1.5 Hr) (Sc. & Eng)	04.12.25	Subjective (Offline) / Objective (Online)	Sound (from Reflection of sound), Electrical Current and Its Effect, Light (Upto Refraction of light)	Acid bases and Salts	NA	Forest our life line, Soil, reproduction (upto spore formation)	NA	Reading Comprehension, Determiners, Preposition, Conjunction, Letter, Application Writing, Homophones, The sentence, Question tags , Story writing, Diary Entry	NA
SEP4 (3 Hr / 1.5 Hr) (Mains & SST)	06.12.25	Subjective (Offline) / Objective (Online)	NA	NA	Data Handling , Probability, Construction, Symmetry and Visualising solid shapes, Mensuration	NA	Gender and the role of women, Water, Media and Advertisement, Natural Vegetation and Wildlife, Tribes, Nomads and settled communities, Human Environment Interaction, Devotional path to Divine, Eighteenth century Political Formation	NA	NA
OPT4 (2 Hr) (Sc,M,SST, E,MAT)	17.01.26	Objective	Sound, Electrical Current and Its Effect, Light, Winds, Storms And Cyclones, Universe	Physical and Chemical Change ,Water And Wastewater (Upto Physical properties of water, chemical properties of water,)	Symmetry and Visualising solid shapes, Mensuration, Linear equation, Ratio & Proportion, Percentage	Reproduction, Food, Movement in animals	Human Environment Interaction, Devotional path to Divine, Eighteenth century Political Formation ,Markets around us, Life in Temperate Grassland	Preposition, Conjunction, the sentence, Question tags ,Homophones, Synonyms and antonyms	compare & out, count down, the time is right, Figure train & Figure out, Throw it, Get the image, 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