



# COURSE PLANNER

For Students of

**CLASS-6<sup>th</sup>**

**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: 03.04.2024 | Course Ends: 15.02.2025**

## 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 2024-25. 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:** 432
- ♦ **Duration of one lecture:** 45 minutes
- ♦ **Total Duration of Classroom Teaching:** 324 hrs
- ♦ **Total Duration of Testing:** 56 hrs
- ♦ **Total Academic Hours:** 380 hrs

## HOLIDAYS / VACATIONS

- 1. Summer Break:** 20<sup>th</sup> May to 15<sup>th</sup> June 2024
- 2. Independence Day:** 15<sup>th</sup> August, 2024
- 3. Raksha Bandhan:** 19<sup>th</sup> August, 2024
- 4. Anant Chaturdashi:** 17<sup>th</sup> September, 2024
- 5. Dussehra:** 12<sup>th</sup> October, 2024
- 6. Deepawali Holidays:** 28<sup>th</sup> Oct. to 05<sup>th</sup> November, 2024
- 7. Winter Break:** 30<sup>th</sup> Dec. 2024 to 04<sup>th</sup> January, 2025
- 8. Makar Sankranti:** 14<sup>th</sup> January 2025
- 9. Republic Day:** 26<sup>th</sup> January, 2025: (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:** 04<sup>th</sup> May, 2024 | 03<sup>rd</sup> August, 2024 | 28<sup>th</sup> September, 2024 | 21<sup>st</sup> December, 2024 | 08<sup>th</sup> March, 2025

CALL US FOR MORE DETAIL :  
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# SUBJECT WISE SYLLABUS PLAN

## MATHEMATICS

S.No.	Topic Name	No. of Classes
1.	Knowing our Numbers	9
2.	Whole Numbers	6
3.	Playing with numbers	12
4.	Integers	6
5.	Fractions	8
6.	Decimals	7
7.	Introduction to Algebra	5
8.	Ratio & proportion	9
9.	Basic geometrical ideas	8
10.	Understanding elementary shapes	8
11.	Symmetry	5
12.	Practical geometry	5
13.	Mensuration	8
14.	Data handling	8
15.	Revision	4
<b>Total</b>		<b>108</b>

## CHEMISTRY

S.No.	Topic Name	No. of Classes
1.	Matter & its Segregation	10
2.	Materials of daily use: Clothes	9
3.	Classification & Diversity In Matter	7
4.	World of Changes	9
5.	Importance of Air	6
6.	Elixir of Life - Water	8
7.	Revision	6
<b>Total</b>		<b>54</b>

## SOCIAL SCIENCE

S.No.	Topic Name	No. of Classes
1	"What, Where, How and When"	2
2	"The Earth in the solar system"	3
3	Understanding diversity	2
4	The Earliest Societies	2
5	Maps; How they help us	2
6	Diversity and Discrimination	2
7	From gathering to growing food	2
8	"Globe- A Model of Earth ( Latitudes and Longitudes)"	3
9	What is government?	2
10	"The First Cities: Harappan Civilisation"	3
11	Motions of the Earth	2
12	Key elements of a democratic government	3
13	Major domains of the Earth and Relief features	3
14	"Rural Administration ( Panchayati Raj)"	3
15	"Kingdoms, Kings and Early republics"	3
16	India: Our Country	1
17	"Urban Local-Self Government"	2
18	New Questions and Ideas Upanishads, Jainism and Buddhism	5
19	India: Climate	3
20	"The First Empire Ashoka The Great"	3
21	"India : Natural Vegetation and Wildlife"	3
22	"Rural and Urban Livelihoods"	2
23	Life in towns and villages	2
24	Traders, Kings & Pilgrims, Contact with Distant Lands	2
25	The New Empire and Kingdoms	4
26	Buildings, Paintings and Books	3
27	<b>Total</b>	<b>67</b>

## PHYSICS

S.No.	Topic Name	No. of Classes
1.	Motion and Measurement of Distance	8
2.	Force, work & Energy	7
3.	Simple Machine	5
4.	Electricity and circuit	8
5.	Light Shadows and Reflection	11
6.	Fun with magnet	8
7.	Universe	5
<b>Total</b>		<b>54</b>

ENGLISH		
S.No.	Topic Name	No. of Classes
1	Parts of Speech	1
2	Reading Comprehension + Message Writing	1
3	The Sentence	2
4	Noun	3
5	One Word Substitution	1
6	Pronoun	2
7	Articles	2
8	Verb	2
9	Synonyms and Antonyms	1
10	Message and Notice Writing	2
11	Adjective	3
12	Story Writing	1
13	Adverb	2
14	Tense	3
15	Idioms and Phrases	2
16	Active and Passive Voice	2
17	Subject Verb Agreement	2
18	Modals	2
19	Direct and Indirect Speech	2
20	"Letter Writing, Application Writing	1
21	Punctuations	1
22	Conjunctions	2
23	Phrasal Verbs	3
24	Spoken English Activity	2
25	Preposition	3
26	Irregular Verbs	2
27	Homophones	2
28	Revision	5
	<b>Total</b>	<b>58</b>

BIOLOGY		
S.No.	Topic Name	No. of Classes
1.	Getting to know plants	9
2.	Food	12
3.	Living organisms and their surroundings	10
4.	Body movements	15
5.	Garbage in garbage out	5
6.	Revision	3
	<b>Total</b>	<b>54</b>

MENTAL ABILITY		
S.No.	Topic Name	No. of Classes
1	Playing Alphabet	1
2	Number Game	1
3	Alphabet Game	1
4	Magical Figure	2
5	Problem of Signs	2
6	Mysterious Words	2
7	Follow the path	1
8	Magic Mystery	2
9	Similarity	1
10	Get the fish out of the water	1
11	Figure Chain	1
12	Figure Similarity	1
13	Day after tomorrow	2
14	look at the mirror	1
15	Mixture	4
16	Revision	14
	<b>Total</b>	<b>37</b>

## School Examination Preparatory (SEP) Sheet: Schedule

S.No.	Test Syllabus					
	Physics	Chemistry	Mathematics	Biology	English	Social Science
1	Motion and Measurement of Distance		Knowing our Numbers		Parts of Speech, Noun	"When, Where and How + Understanding diversity"
2		Matter & its Segregation	Whole Numbers		Reading Comprehension, The Sentence	The Earth in the solar system + The Earliest Societies + Diversity and discrimination
3	Force, work & Energy		Playing with numbers	Getting to know plants	One Word Substitution, Pronoun	Maps: How they help us + From gathering to growing food
4	Simple Machine		Integers		Verb, Synonyms and Antonyms	Globe- A Model of Earth (Latitudes and Longitudes) + The First Cities: Harappan Civilisation
5		Materials of daily use: Clothes	Fractions		Articles, Message and Notice Writing	What is government? + Motions of the Earth
6	Electricity and circuit	Classification & Diversity In Matter	Decimals		Adjective, Story Writing	*Key elements of a democratic government + Major domains of the Earth and Relief features"
7			Introduction to Algebra	Food	Adverb, Application writing	Rural Administration (Panchayati Raj)
8			Ratio & proportion		Idioms & Phrases, Active & Passive Voice	Kingdoms, Kings and Early republics
9		World of Changes	Basic geometrical ideas		Tense, Punctuation Direct & Indirect Speech,	India: Our Country + New Questions and Ideas Upanishads, Jainism and Buddhism
10	Light Shadows & Reflection		Understanding Elementary Shapes	Living organism & their surroundings	Modals, "Letter Writing"	Urban local self government + India: Climate + India's Natural Vegetation & Wildlife
11		Importance of Air	Symmetry		Subject Verb Agreement, Question Tags	The First Empire Ashoka The Great + Rural and Urban Livelihoods
12	Fun with magnet		Practical geometry	Body movement	Conjunctions, Phrasal Verbs	Life in towns and villages + The New Empire and Kingdoms
13		Elixir of Life - Water	Mensuration		Preposition	
14	Universe		Data handling	Garbage in garbage out	Homophones Irregular Verbs	Traders, Kings and Pilgrims + Buildings, Paintings and Books

# Academic Planning & Test Grid

## Olympiad Pattern Cumulative Test (OCT), School Exam Preparatory Pattern Test (SEP), Major Test (MT) Syllabus

Periodic Test Type & No.	P.T. Date	Test Type	Physics	Chemistry	Mathematics	Biology	Social Science	English	Mental Ability
OCT1 (2 Hr) (Sc. & SST)	27.04.24	Objective	Motion and Measurement of Distance (upto Types of motion)	Matter & its Segregation (till Magnetic Separation, Sublimation)	Knowing our numbers	Getting to know plants (upto leaves (parts))	What, Where, How & when The Earth in the Solar system	Parts of speech, Reading Comprehension, The Sentence	Playing alphabet, number game, alphabet game
SEP1 (3 Hr/1.5Hr) (Maths & SST)	11.05.24	Subjective (Offline)	NA	NA	Knowing our Numbers, Whole Numbers	NA	Understanding Diversity, The Earliest Societies	NA	NA
SEP2 (3 Hr/1.5Hr) (Sc. & Eng)	06.07.24	Subjective (Offline)	Motion and Measurement of Distance, Force, Work & Energy (upto Different forms of energy)	Matter & its Segregation, Materials of daily use: Clothes(till Plant Fibre, Jute)	NA	Getting to know plants, Food ( upto Carbohydrates, fats, protein, vitamins)	NA	Reading Comprehension, The Sentence, Noun, Message Writing	NA
OCT2 (2 Hr) (Sc. & SST)	27.07.24	Objective	Motion and Measurement of Distance, Force, Work & Energy (upto Simple Machine (Upto Lever)	Matter & its Segregation (From Loading to complete), Materials of daily use: Clothes, Classification & Diversity In Matter (importance of Grouping)	Knowing our Numbers, Whole Numbers, Playing with numbers, Integers	Getting to know plants, Food, Living organisms and their surroundings (upto Adaptation in forests and grassland)	Maps: How they help us, Diversity and Discrimination, From Gathering to Growing Food, Globe- A Model of Earth (Latitudes and Longitudes)	Reading Comprehension, Pronoun, Verb, Adjective, Synonym and Antonym	Playing alphabet, number game, alphabet game, magical figure, Problem of signs, Mysterious words, Follow the path
SEP3 (3 Hr/1.5Hr) (Maths & SST)	10.08.24	Subjective (Offline)	NA	NA	Whole Numbers, Playing with numbers, Integers, Fractions	NA	What is government? The First Cities: Harappan Civilisation, Globe- A Model of Earth	NA	NA
SEP4 (3 Hr/1.5Hr) (Sc. & Eng)	24.08.24	Subjective (Offline)	Force, Work & Energy, Simple Machine, Electricity and circuit (Upto Requirements of a circuit)	Matter & its Segregation, Materials of daily use: Clothes, Classification & Diversity In Matter (complete)	NA	Getting to know plants, Food, Living organisms & their surroundings	NA	Reading Comprehension, Adjective, Articles, Adverb, Tense, Idioms and phrases, Notice Writing, Story Writing	NA

## Half Yearly / Term-1 Dates: 7<sup>th</sup> to 20<sup>th</sup> Sep 2024

Periodic Test Type & No.	P.T. Date	Test Type	Physics	Chemistry	Mathematics	Biology	Social Science	English	Mental Ability
OCT3 (2 Hr) (Sc. & SST)	05.10.24	Objective	Motion and Measurement of Distance, Force, Work & Energy, Simple Machine, Electricity and circuit, Light Shadows and Reflection (upto Characteristics of Light)	Classification & Diversity In Matter (From Texture to complete), World of changes ( till Slow and fast changes)	Knowing our Numbers Whole Numbers, Playing with numbers, Integers, Fractions, Decimals, Introduction to Algebra, Ratio & proportion	Food, Living organisms and their surroundings, Body movements (upto earthworm and snakes)	Motions of the Earth, Key elements of a democratic government, Kingdoms, Kings and Early republics	Reading Comprehension, Adverb, Tense, Idioms and Phrases (1-25), Active and Passive Voice	Playing alphabet, number game, alphabet game, magical figure, problem of signs, mysterious words, follow the path, magic mystery, similarity, get the fish out of the water, figure chain, Figure similarity
SEP5 (3 Hr/1.5Hr) (Maths & SST)	19.10.24	Subjective (Offline)	NA	NA	Decimals, Introduction to Algebra, Ratio & proportion, Basic geometrical ideas	NA	Major domains of the Earth and Relief features: Rural Administration (Panchayati Raj), Kingdom, Kings & Early Republics, India : Our Country	NA	NA
SEP6 (3 Hr/1.5Hr) (Sc. & Eng)	23.11.24	Subjective (Offline)	Electricity and circuit, Light, Shadows and Reflection, Fun with Magnet (upto Temporary and Permanent magnet)	Matter & its Segregation, Materials of daily use: Clothes, Classification & Diversity In Matter, World of changes	NA	Living organism and their surroundings, Body movements in animals, Garbage in garbage out (upto waste and its types)	NA	Reading Comprehension, Modals, Subject Verb agreement, Direct and Indirect Speech, Letter Writing, Application writing	NA
OCT4 (2 Hr) (Sc. & SST)	14.12.24	Objective	Electricity and circuit, Light, Shadows and Reflection, Fun with Magnet (upto Temporary and Permanent magnet)	Classification & Diversity In Matter, World of Changes, Importance of Air	Knowing our Numbers Whole Numbers, Playing with numbers, Integers, Fractions, Decimals, Introduction to Algebra, Ratio & proportion, Basic geometrical ideas, Understanding elementary shapes, Symmetry, Mensuration	Food, Living organism and their surroundings, Body movements, Garbage in garbage out	India: Our Country, India : Climate, India: Natural Vegetation and Wildlife, Rural and Urban Livelihoods,	Reading Comprehension, Active, Passive Voice, Modals, Question Tags, Subject Verb Agreement	Playing alphabet, number game, alphabet game, magical figure, problem of signs, mysterious words, follow the path, magic mystery, similarity, get the fish out of the water, figure chain, figure out the mirror, mixture
SEP7 (3 Hr/1.5Hr) (Maths & SST)	11.01.25	Subjective (Offline)	NA	NA	Understanding elementary shapes, Symmetry, Practical geometry, Mensuration, Data handling	NA	India : Natural Vegetation and Wildlife, Rural and Urban Livelihoods, Life in towns and villages	NA	NA
SEP8 (3 Hr/1.5Hr) (Sc. & Eng)	01.02.25	Subjective (Offline)	Simple Machine, Electricity and circuit, Light Shadows and Reflection, Fun with Magnet, Universe	Matter & its Segregation, Materials of daily use: Clothes, Classification & Diversity In Matter, World of changes, Importance of air, Elxir of life-water	NA	Food, Living organisms and their surroundings, Body movements, Garbage in garbage out	NA	Reading Comprehension, Active and Passive Voice, Direct and Indirect Speech, Modals, Phrasal Verbs, Letter and Application writing, Preposition, Punctuation, irregular verbs	NA

## Annual Exam / Term-2 Dates: From 20<sup>th</sup> Feb to 7<sup>th</sup> March-2025

MT-2 Term-2 Subjective

Date of Reshuffling of Batches: 24.06.2024 | 30.09.2024