

COURSE PLANNER

For Students of

CLASS-6th

REGULAR PROGRAM



Medium: **English**

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

Course Commencement: 05.04.2023 | Course Ends: 17.02.2024

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 2023-24. 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: 426
- ♦ Duration of one lecture: 50 minutes
- ♦ Total Duration of Classroom Teaching: 355 hrs
- ♦ Total Duration of Testing: 60 hrs
- ♦ Total Academic Hours: 415 hrs

HOLIDAYS / VACATIONS

1. Resonance Foundation Day: 11th April 2023 | 2. Summer Break: 22nd May to 18th June 2023 | 3. Independence Day: 15th August, 2023 | 4. Raksha Bandhan: 30th August, 2023 | 5. Anant Chaturdashi: 28th September, 2023 | 6. Dussehra: 24th October, 2023 | 7. Deepawali Holidays: 09th to 19th November, 2023 | 8. Winter Break: 25th Dec. 2023 to 31st December, 2023 | 9. Makar Sankranti: 14th January 2024 | 10. Republic Day: 26th January, 2024: (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: 06th May, 2023 | 19th August, 2023 | 30th September, 2023 | 16th December, 2023 | 10th February, 2024 | 12th March, 2024

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	2
Total		106

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
Total		54

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	Different ways of living	3
14	Major domains of the Earth and Relief features	3
15	"Rural Administration (Panchayati Raj)"	3
16	"Kingdoms, Kings and Early republics"	3
17	India: Our Country	1
18	"Urban Local-Self Government"	2
19	New Questions and Ideas Upanishads, Jainism and Buddhism	5
20	India: Climate	3
21	"The First Empire Ashoka The Great"	3
22	"India : Natural Vegetation and Wildlife"	3
23	"Rural and Urban Livelihoods"	2
24	Life in towns and villages	2
25	Traders, Kings & Pilgrims, Contact with Distant Lands	2
26	The New Empire and Kingdoms	4
27	Buildings, Paintings and Books	3
Total		70

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
Total		52

ENGLISH		
S.No.	Topic Name	No. of Classes
1	Parts of Speech	1
2	Reading Comprehension	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	3
	Total	56

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	2
	Total	53

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	12
	Total	35

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+Different ways of living
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

Periodic Test (PT) Type & No.	P.T. Date	Test Type	Olympiad Pattern Cumulative Test (OCT), School Exam Preparatory Pattern Test (SEP), Major Test (MT) Syllabus						
			Physics	Chemistry	Mathematics	Biology	Social Science	English	Mental Ability
OCT1 (2 Hr) (Sc./M./SST. E./MAT)	30.04.23	Objective	Motion and Measurement of Distance (upto Types of motion)	Matter & its Segregation (till Separation, Sublimation)	Knowing our numbers	Getting to know plants (Till Stem characteristics)	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/1.5 Hr) (Maths & SST)	14.05.23	Subjective (Offline) /Objective (Online)	NA	NA	Knowing our Numbers, Whole Numbers (till multiplication)	NA	Understanding Diversity, The Earliest Societies	NA	NA
SEP2 (3 Hr/1.5 Hr) (Sc. & Eng)	25.06.23	Subjective (Offline) /Objective (Online)	Motion and Measurement of Distance, Force, Work & Energy (upto Types of force - Contact Force, Non contact Force)	Matter & its Segregation	NA	Getting to know plants, Food (Upto food habits)	NA	Parts of speech, Reading Comprehension, The Sentence, Noun, Pronoun, Message writing	NA
OCT2 (2 Hr) (Sc./M./SST. E./MAT)	03.07.23	Objective	Motion and Measurement of Distance, Force, Work & Energy (upto Sources of energy)	Matter & its Segregation, Materials of daily use : Clothes	Whole numbers, Playing with numbers	Getting to know plants, Food (upto Food sources)	Maps: How they help us, Diversity and Discrimination, from Gathering to Growing Food, Globe- A Model of Earth (Latitudes and Longitudes)	Articles, Verb	Playing alphabet, number game, alphabet game, magical figure, Problem of signs, Mysterious words
SEP3 (3 Hr/1.5 Hr) (Maths & SST)	23.07.23	Subjective (Offline) /Objective (Online)	NA	NA	Knowing our Numbers, Whole Numbers, Playing with numbers (till LCM and HCF)	NA	Harappan Civilisation, Motions of the Earth	NA	NA
SEP4 (3 Hr/1.5 Hr) (Sc. & Eng)	06.08.23	Subjective (Offline) /Objective (Online)	Force, Work & Energy, Simple Machine	Matter & its Segregation (From Loading to complete), Materials of daily use: Clothes, Classification & Diversity In Matter (till Solubility)	NA	getting to know plants, food (Upto balanced diet)	NA	Reading Comprehension, The Sentence, Noun, One Word Substitution, (1-30), Pronoun, Articles, Verb, Message and Notice Writing, Story Writing	NA
OCT3 (2 Hr) (Sc./M./SST. E./MAT)	27.08.23	Objective	Motion and Measurement of Distance, Force, Work & Energy, Simple Machine, Electricity and circuit (upto Electrical circuits)	Matter & its Segregation, Materials of daily use : Clothes, Classification & Diversity In Matter (complete)	Knowing our Numbers Whole Numbers, Playing with numbers, Integers, Fractions	Getting to know plants, food , living organisms & their surroundings (till response to stimulus)	Globe- A Model of Earth (Latitudes and Longitudes), Motions of the Earth, Key elements of a democratic government, Major domains of the Earth and Relief features	Reading Comprehension, Adjective, Articles, Advab, Tense, Synonyms and Antonyms (All)	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

MT-1 Term-1 Subjective			Major Test Term-1 Dates: 4th to 16th Sep 2023						
OCT4 (2 Hr) (Sc./M./SST. E./MAT)	15.10.23	Objective	Motion and Measurement of Distance, Force, Work & Energy, Simple Machine, Electricity and circuit, Light Shadows and Reflection (Upto Nature of Objects)	Classification & Diversity In Matter (From Texture to complete), World of changes, till physical and chemical changes)	Knowing our Numbers Whole Numbers, Fractions, Decimals, Introduction to Algebra	Food, Living organisms and their surroundings (complete)	Diversity and Discrimination, What is Government, Key Elements of Democratic Government, Different ways of living, Major domains of the Earth and Relief features, 25), Active and Passive Rural Administration (Panchayati Raj), Kingdom, Kings & Early Republics	Reading Comprehension, Idioms and Phraseses (1-10), 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, tomorrow
SEP5 (3 Hr/1.5 Hr) (Maths & SST)	05.11.23	Subjective (Offline) /Objective (Online)	NA	NA	Ratio & proportion, Basic geometrical ideas (Upto Quadrilaterals)	NA	Kingdoms, Kings and Early Republics India: Our Country, Urban Local-Self Govt, Rural Administration (Panchayati Raj)	NA	NA
SEP6 (3 Hr/1.5 Hr) (Sc. & Eng)	26.11.23	Subjective (Offline) /Objective (Online)	Electricity and circuit, Light Shadows and Reflection (upto Mirror images)	Matter & its Segregation, Materials of daily use : Clothes, Classification & Diversity In Matter, World of Changes, Importance of Air	NA	living organism and their surroundings (upto animals)	NA	Reading Comprehension, agreement, Direct and Indirect Speech, Letter, Writing, Application writing	NA
OCT5 (2 Hr) (Sc./M./SST. E./MAT)	17.12.23	Objective	Motion and Measurement of Distance, Force, Work & Energy, Simple Machine, Electricity and circuit, Light Shadows and Reflection	Classification & Diversity In Matter, World of Changes, Importance of Air	Knowing our Numbers Whole Numbers, Fractions, Decimals, Introduction to Algebra, Ratio & Understanding elementary shapes	Food (balanced diet, deficiency diseases), Living organism and their surroundings, Body movements (upto joints)	India : Climate, The First Empire Ashoka The Great, India: Natural Vegetation and Wildlife, Rural and Urban Livelihoods, India our country.	Reading Comprehension, Punctuations,	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, tomorrow, look at the mirror, mixture
SEP7 (3 Hr/1.5 Hr) (Maths & SST)	07.12.24	Subjective (Offline) /Objective (Online)	NA	NA	Basic geometrical ideas , Understanding elementary shapes, Symmetry	NA	The First Empire, Ashoka, The Great, India: Natural Vegetation and Wildlife, Rural and Urban Livelihoods, India our country.	NA	NA
SEP8 (3 Hr/1.5 Hr) (Sc. & Eng)	28.01.24	Subjective (Offline) /Objective (Online)	Motion and Measurement of Distance, Force, Work & Energy, Simple Machine, Electricity and circuit, Light Shadows and Reflection, Fun with Magnet	World of changes, Importance of air, Ellixir of life-water	NA	living organisms & their surroundings , Body Movements, Garbage in garbage out (upto 4R principle)	NA	Reading Comprehension, Direct and Indirect Speech, Modals, Phrasal Verbs, Letter and Application writing, Preposition	NA
OCT6 (2 Hr) (Sc./M./SST. E./MAT)	04.02.24	Objective	Motion and Measurement of Distance, Force, Work & Energy, Simple Machine, Electricity and circuit, Light Shadows and Reflection, Fun with Magnet	Matter & its Segregation, Materials of daily use: Clothes, Classification & Diversity In Matter, World of changes, Importance of air, Ellixir of life-water	Knowing our Numbers Whole Numbers, Playing with numbers, Integers, Decimals, Introduction to Algebra, Ratio & proportion, Basic geometrical ideas, Understanding elementary shapes, Symmetry, Practical geometry, Mensuration	Getting to know plants, Food, Living organisms and their surroundings, body movements, garbage in garbage out	Major domains of the Earth and Relief features, Rural Administration (Panchayati Raj), Kingdom, Kings & Early Republics, India : Our Country, Urban local self government, New Questions and Ideas	Con j u n c t i o n , Preposition, irregular verbs	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, tomorrow, look at the mirror, mixture

Major Test Term-2 Dates: 20th Feb to 07th March-2024

MT-2 Term-2 Subjective

Date of Reshuffling of Batches : 19.06.2023 | 25.09.2023