

COURSE PLANNER

For Students of

CLASS-VI

REGULAR PROGRAM | Academic Session: 2017-2018



Medium: **English**

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

Course Commencement: 26.06.2017 | Course Ends: 18.02.2018

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 2017-18. The institute reserves the right to make changes in it in the interest of students.

TOTAL ACADEMIC HOURS

- ♦ Course Duration: 34 Weeks
- ♦ Total Number of Lectures: 424
- ♦ Duration of one lecture: 55 minutes
- ♦ Total Duration of Classroom Teaching: 388 hrs
- ♦ Total Duration of Testing: 46 hrs
- ♦ Total Academic Hours: 434 hrs

HOLIDAYS / VACATIONS

1. Raksha Bandhan: 7th August, 2017 | 2. Special Holiday: 14th August, 2017 | 3. Independence Day: 15th August, 2017 | 4. Anant Chaturdashi: 5th September, 2017 | 5. Term Break: 11th to 29th September, 2017 | 6. Dussehra: 30th September, 2017 | 7. Deepawali Holidays: 15th to 22nd October, 2017 | 8. Winter Break: 25th to 30th December, 2017 | 9. Makar Sankranti: 14th January 2018 | 10. Republic Day: 26th January, 2018: (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: 12th August, 2017 | 2nd December, 2017 | 27th January, 2018

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SUBJECT WISE SYLLABUS PLAN

MATHEMATICS

S.No.	Topic Name	No. of Classes	Topic Start Date
1.	Knowing our Numbers	10	26-Jun-17
2.	Whole Numbers	7	10-Jul-17
3.	Playing With Numbers	8	19-Jul-17
4.	Integers	5	29-Jul-17
5.	Fractions	7	04-Aug-17
6.	Decimals	5	18-Aug-17
7.	Introduction to Algebra	6	26-Aug-17
8.	Ratio & Proportion	6	02-Oct-17
9.	"basic Geometrical Ideas"	7	25-Oct-17
10.	"underst and Ingelementary Shapes"	7	13-Nov-17
11.	Symmetry	3	04-Dec-17
12.	Practical Geometry	5	11-Dec-17
13.	Mensuration	7	01-Jan-18
14.	Data Handling	6	22-Jan-18
Total		89	

CHEMISTRY

S.No.	Topic Name	No. of Classes	Topic Start Date
1.	Matter & its Segregation	10	26-Jun-17
2.	Materials of daily use: Clothes	14	17-Jul-17
3.	Classification & Diversity In Matter	8	21-Aug-17
4.	World of Changes	10	02-Oct-17
5.	Importance of Air	8	20-Nov-17
6.	Elixir of Life - Water	9	01-Jan-18
Total		59	

WEEKLY LECTURE PLANNER (PER SUBJECT)

Week No.	Week Duration		No. of Lecture								Total No. of Lecture
	From	To	Phyiscs	Chemistry	Mathematics	Biology	Social Science	English	Mental Ability		
W1	26/6/17	1/7/17	3	3	5	3	5	3	2	24	
W2	3/7/17	8/7/17	4	3	5	3	4	3	2	24	
W3	10/7/17	15/7/17	3	4	5	3	4	3	2	24	
W4	17/7/17	22/7/17	3	3	5	4	4	3	2	24	
W5	24/7/17	29/7/17	3	3	6	3	4	3	2	24	
W6	31/7/17	5/8/17	3	3	6	3	4	3	2	24	
W7	7/8/17	12/8/17	3	3	4	3	3	2	2	20	
W8	14/8/17	19/8/17	2	2	3	2	3	2	2	16	
W9	21/8/17	26/8/17	3	3	6	3	4	3	2	24	
W10	28/8/17	2/9/17								0	
W11	4/9/17	9/9/17	2	2	3	2	2	3	2	16	
W12	11/9/17	16/9/17									
W13	18/9/17	23/9/17									
W14	25/9/17	30/9/17									
W15	2/10/17	7/10/17	2	2	3	1	2	1	1	12	
W16	9/10/17	14/10/17	2	1	2	2	2	2	1	12	
W17	16/10/17	21/10/17								0	
W18	23/10/17	28/10/17	1	2	3	2	2	1	1	12	
W19	30/10/17	4/11/17	2	2	2	1	2	2	1	12	
W20	6/11/17	11/11/17	2	1	3	2	2	1	1	12	
W21	13/11/17	18/11/17	1	2	2	2	2	2	1	12	
W22	20/11/17	25/11/17	2	2	3	1	2	1	1	12	
W23	27/11/17	2/12/17	2	1	2	2	2	2	1	12	
W24	4/12/17	9/12/17	1	2	3	2	2	1	1	12	
W25	11/12/17	16/12/17	2	2	2	1	2	2	1	12	
W26	18/12/17	23/12/17	2	1	3	2	2	2	1	12	
W27	25/12/17	30/12/17								0	
W28	1/1/18	6/1/18	1	2	2	2	2	2	1	12	
W29	8/1/18	13/1/18	2	2	3	1	2	1	1	12	
W30	15/1/18	20/1/18	2	1	2	2	2	2	1	12	
W31	22/1/18	27/1/18	1	1	2	1	1	1	1	8	
W32	29/1/18	3/2/18	1	1	2	1	1	1	1	8	
W33	5/2/18	10/2/18	0	0	0	0	0	0	0	0	
W34	12/2/18	17/2/18	2	2	2	2	2	2	1	12	

SOCIAL SCIENCE

S.No.	Topic Name	No. of Classes	Topic Start Date
1	"When, Where and How"	2	26-Jun-17
2	The Earth in the solar system	3	28-Jun-17
3	Understanding diversity	2	03-Jul-17
4	The Earliest Societies	3	06-Jul-17
5	Maps: How they help us	2	11-Jul-17
6	Diversity and discrimination	2	14-Jul-17
7	From gathering to growing food	3	18-Jul-17
8	Globe- A Model of Earth (Latitudes & Longitudes)	3	24-Jul-17
9	What is government?	2	28-Jul-17
10	The First Cities: Harappan Civilisation	3	01-Aug-17
11	Motions of the Earth	3	08-Aug-17
12	Key elements of a democratic government	2	16-Aug-17
13	Different ways of living	2	18-Aug-17
14	"Major domains of the Earth and Relief features"	3	22-Aug-17
15	"Rural Administration (Panchayati Raj)"	2	04-Sep-17
16	Kingdoms, Kings and Early republics	3	02-Oct-17
17	India: Our Country	2	11-Oct-17
18	"Urban local self government"	2	25-Oct-17
19	New Questions & Ideas Upanishads, Jainism & Buddhism	3	01-Nov-17
20	India: Climate	2	13-Nov-17
21	"The First Empire Ashoka The Great"	3	20-Nov-17
22	India's Natural Vegetation and Wildlife	2	29-Nov-17
23	"Rural and Urban Livelihoods"	2	06-Dec-17
24	Life in towns and villages	3	13-Dec-17
25	"Traders, Kings and Pilgrims"	2	01-Jan-18
26	"The New Empire and Kingdoms"	4	08-Jan-18
27	"The New Empire and Kingdoms"	4	22-Jan-18
Total		69	

PHYSICS

S.No.	Topic Name	No. of Classes	Topic Start Date
1.	"Motion and Measurement of Distance"	7	26-Jun-17
2.	Force, work & Energy	10	10-Jul-17
3.	Simple Machine	5	01-Aug-17
4.	Electricity and circuit	9	16-Aug-17
5.	"Light Shadows and Reflection"	15	02-Oct-17
6.	Fun with magnet	10	11-Dec-17
7.	Universe	3	29-Jan-18
Total		59	

ENGLISH			
S.No.	Topic Name	No. of Classes	Topic Start Date
1	Parts of speech	1	26-Jun-17
2	Noun	2	28-Jun-17
3	Pronoun	2	03-Jul-17
4	verbs	1	06-Jul-17
5	Message + notice	1	10-Jul-17
6	One word substitution	1	12-Jul-17
7	Adjectives	2	14-Jul-17
8	Adverbs	2	19-Jul-17
9	Letter writing + analogy	1	21-Jul-17
10	story writing + Question tags	2	24-Jul-17
11	Homophones and homonyms	1	28-Jul-17
12	tense	3	31-Jul-17
13	English spoken Activity	1	08-Aug-17
14	Active - passive	3	10-Aug-17
15	Idioms and phrases	2	21-Aug-17
16	Interjection	1	25-Aug-17
17	Synonyms and antonyms + punctuations	2	04-Sep-17
18	Comprehension + Revision	1	08-Sep-17
19	Preposition	3	02-Oct-17
20	The sentence	2	23-Oct-17
21	Conjunctions	2	01-Nov-17
22	Determiners	2	13-Nov-17
23	Modals	2	20-Nov-17
24	Reported speech	4	29-Nov-17
25	Comprehension	3	18-Dec-17
26	English Spoken Activity	1	08-Jan-18
27	Subject verb Agreement + Revision	6	15-Jan-18
Total		54	

BIOLOGY			
S.No.	Topic Name	No. of Classes	Topic Start Date
1.	Getting to know plants	15	26-Jun-17
2.	Food	16	28-Jul-17
3.	Living organism & their surroundings	11	02-Oct-17
4.	Body movement	9	27-Nov-17
5.	Garbage in garbage out	7	08-Jan-18
Total		58	

MENTAL ABILITY			
S.No.	Topic Name	No. of Classes	Topic Start Date
1	Playing Alphabet	3	26-Jun-17
2	Number Game	3	06-Jul-17
3	Alphabet Game	3	17-Jul-17
4	Magical Figures	3	27-Jul-17
5	Problem of Signs	3	08-Aug-17
6	Mysterious Words	3	17-Aug-17
7	Follow The Path	2	04-Sep-17
8	Magic Mystery	2	02-Oct-17
9	Similarity	2	23-Oct-17
10	Get The Fish Out of The Water	3	06-Nov-17
11	Figure Chain	2	27-Nov-17
12	Figure Similarity	2	11-Dec-17
13	Day After Tomorrow	3	01-Jan-18
14	Look at The Mirror	2	22-Jan-18
Total		36	

School Examination Preparatory (SEP) Sheet: Schedule

S.No.	Solve Date	Check Date	Test Syllabus					
			Physics	Chemistry	Mathematics	Biology	English	Social Science
1	26/6 to 15/7	17/7 to 22/7	Motion and Measurement of Distance		Knowing our Numbers		Parts of speech + Pronoun	"When, Where and How + Understanding diversity"
2	10/7 to 22/7	7/8 to 12/8		Matter & its Segregation	Whole Numbers		Noun + verbs + One word Substitution	The Earth in the solar system + The Earliest Societies + Diversity and discrimination
3	19/7 to 29/7	28/8 to 2/9	Force, work & Energy		Playing with numbers	Getting to know plants	Message + notice + Letter writing + analogy + Adjectives	Maps: How they help us + From gathering to growing food
4	31/7 to 5/8	7/8 to 12/8	Simple Machine		Integers		Adverbs + story writing + Question tags + tense	Globe: A Model of Earth (Latitudes and Longitudes) + The First Cities: Harappan Civilisation
5	4/8 to 19/8	28/8 to 2/9		Materials of daily use: Clothes	Fractions		Homophones and homonyms + Active - passive	What is government? + Motions of the Earth + Different ways of living
6	18/8 to 26/8	28/8 to 2/9	Electricity and circuit	Classification & Diversity In Matter	Decimals		Idioms and phrases + Synonyms and antonyms + punctuations	*Key elements of a democratic government + Major domains of the Earth and Relief features*
7	26/8 to 16/9	9/10 to 24/10			Introduction to Algebra	Food	Interjection + Comprehension	Rural Administration (Panchayati Raj)
8	2/10 to 23/10	30/10 to 4/11			Ratio & proportion		Preposition	Kingdoms, Kings and Early republics
9	25/10 to 11/11	20/11 to 25/11		World of Changes	Basic geometrical ideas		The sentence + Determiners	India: Our Country + New Questions and Ideas Upanishads, Jainism and Buddhism
10	13/11 to 2/12	11/12 to 16/12	Light Shadows & Reflection		Understanding Elementary Shapes	Living organism & their surroundings	Conjunctions + Modals	Urban local self government + India: Climate + India's Natural Vegetation & Wildlife
11	4/12 to 9/12	1/1 to 6/1		Importance of Air	Symmetry		Reported speech	The First Empire Ashoka The Great + Rural and Urban Livelihoods
12	11/12 to 23/12	22/1 to 27/1	Fun with magnet		Practical geometry	Body movement	Comprehension	Life in towns and villages + The New Empire and Kingdoms
13	1/1 to 20/1	12/2 to 17/2		Elixir of Life - Water	Mensuration		Subject verb agreement	
14	22/1 to 3/2	12/2 to 17/2	Universe		Data handling	Garbage in garbage out		Traders, Kings and Pilgrims + Buildings, Paintings and Books

Academic Planning & Test Grid

Periodic Test Type & No.	P.T. Date	Test Type	Olympiad Pattern Cumulative Test (OCT), Olympiad Pattern Preparatory Pattern Test (SEP), Open Test (OT) Syllabus and Result: Communication					Testing Hours	Tentative Result	Final Result		
			Physics	Chemistry	Mathematics	Biology	Social Science				English	Mental Ability
OPT-1	09.07.17	Objective	Motion and Measurement of Distance (up to Concept of rest and motion, Rest and motion are Relative terms.)	Matter & its Segregation (up to Separation of 2 or more solid mixture (winnowing, sieving))	Knowing our Numbers (up to International system)	Getting to know plants (up to types of the root system)	When, Where and How, The Earth in the solar system	Parts of speech, Noun	Playing alphabet	2	13.07.17	17.07.17
OCT-1	30.07.17	Objective	Motion and Measurement of Distance, Force, work & Energy (up to Types of force, Balanced and unbalanced force)	Matter & its Segregation	Knowing our Numbers, Whole Numbers	Getting to know plants	When, Where and How, The Earth in the solar system, Understanding diversity, The Earliest Societies, Maps: How they help us, Diversity and discrimination	Parts of speech, Noun, Pronoun, verbs, Message, notice, One word substitution, Adjectives	Playing alphabet, Number Game	2	03.08.17	07.08.17
OPT-2	20.08.17	Objective	Force, work & Energy	Materials of daily use: Clothes	Playing with numbers, Integers	Food, up to Sources of food-Animal products	From gathering to growing food, Globe-A Model of Earth (Latitudes and Longitudes), What is government?, The First Cities, Harappan Civilisation	Adverbs, Letter writing analogy, story writing, Question tags, Homophones and homonyms	Alphabet Games, Magical Figures	2	24.08.17	28.08.17
MT Major Test Dates: 28th August to 4th September 2017												
Subjective												
OPT-3	29.10.17	Objective	Light Shadows and Reflection (upto Rectilinear propagation of light, Characteristics of Light)	Reversible & Irreversible changes, Periodic, Non periodic, Desirable, Non Desirable changes (Natural, man-made, Slow, Fast changes)	Ratio & proportion	Living organism and their surroundings- (till Movement)	Kingdoms, Kings and Early republics & India: Our Country	P r e p o s i t i o n s + comprehension	Mysterious words (Substitution Coding), Follow the path, Magic mystery	2	12.10.17	16.10.17
OCT-2	19.11.17	Objective	Light Shadows and Reflection (upto Shadow (Regions of shadow))	World of Changes	Ratio & proportion, Basic Geometrical Ideas	Living organism and their surroundings- (till adaptation)	Kingdoms, Kings and Early Republics India: Our Country, Urban local self government, New Questions and Answers, Jainism and Buddhism & India Climate	Conjunctions + Comprehension + Prepositions	Follow the path, Magic mystery, Similarly, Get the Fish out of the water (numbers)	2	09.11.17	13.11.17
SEP-1	10.12.17	Subjective (Main & SST)	NA	NA	Basic geometrical ideas, Understanding elementary shapes	NA	The First Empire Ashoka The Great & New Questions and Ideas Upanishads, Jainism and Buddhism	NA	NA	3	09.12.17	12.12.17
SEP-1	07.01.18	Subjective (Sc. & Eng)	Light, Fun with magnet (upto: Making a magnet (Double touch method, electrical method).	World of Changes, Importance of Air	NA	Living organism and their surroundings Body movement- (till movement in snake)	NA	Comprehension + reported speech + Modals + Speech + Notice + Message writing	NA	3	30.12.17	02.01.18
OPT-4	28.01.18	Objective	Light Shadows and Reflection (from Reflection of light), Fun with magnet (till Magnet compass)	Elixir of Life - Water	Symmetry, Mensuration	Body movement, Garbage in garbage out (till recycling of paper)	Rural and Urban Livelihoods, Life in towns and villages & The New Empire and Kingdoms	Modals + comprehension + comprehension	Figure Chain, Figure Similarity, Day after tomorrow	2	25.01.18	29.01.18
MT Major Test Dates: 2nd to 9th February 2018												
Subjective												
OT-1	11.02.18	Objective	Full syllabus	Full syllabus	Full syllabus	Full syllabus	NA	NA	NA	2	15.02.18	19.02.18
OT-2	18.02.18	Objective	Full syllabus	Full syllabus	Full syllabus	Full syllabus	NA	NA	NA	2	22.02.18	26.02.18