

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: 03.04.2017 | 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: 46 Weeks
- ♦ Total Number of Lectures: 424
- ♦ Duration of one lecture: 55 minutes
- ♦ Total Duration of Classroom Teaching: 388 hrs
- ♦ Total Duration of Testing: 54 hrs
- ♦ Total Academic Hours: 442 hrs

HOLIDAYS / VACATIONS

1. Resonance Foundation Day: 11th April 2017 | 2. Summer Break: 12th to 24th June 2017 | 3. Raksha Bandhan: 7th August, 2017 | 4. Special Holiday: 14th August, 2017 | 5. Independence Day: 15th August, 2017 | 6. Anant Chaturdashi: 5th September, 2017 | 7. Term Break: 11th to 29th September, 2017 | 8. Dussehra: 30th September, 2017 | 9. Deepawali Holidays: 15th to 22nd October, 2017 | 10. Winter Break: 25th to 30th December, 2017 | 11. Makar Sankranti: 14th January 2018 | 12. 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: 20th May, 2017 | 12th August, 2017 | 2nd December, 2017 | 27th January, 2018

CALL: 0744-2434727, 08824078330 | SMS: RESO PCCP at 56677

PCCP Head Office : Plot No. A-51 (A), IPIA, Near Resonance CG Tower, Behind City Mall, Jhalawar Road, Kota (Raj.)-324005

E-mail: pccp@resonance.ac.in | **Website:** www.pccp.resonance.ac.in

SUBJECT WISE SYLLABUS PLAN

MATHEMATICS

S.No.	Topic Name	No. of Classes	Topic Start Date
1.	Knowing our Numbers	10	03-Apr-17
2.	Whole Numbers	7	01-May-17
3.	Playing With Numbers	8	19-May-17
4.	Integers	5	26-Jun-17
5.	Fractions	7	10-Jul-17
6.	Decimals	5	28-Jul-17
7.	Introduction to Algebra	6	14-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	03-Apr-17
2.	Materials of daily use: Clothes	14	15-May-17
3.	Classification & Diversity In Matter	8	24-Jul-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	3-4-17	8-4-17	2	2	3	1	2	1	1	12	
W2	10-4-17	15-4-17	2	1	2	2	2	2	1	12	
W3	17-4-17	22-4-17	1	2	3	2	2	1	1	12	
W4	24-4-17	29-4-17	2	2	2	1	2	2	1	12	
W5	1-5-17	6-5-17	2	1	3	2	2	1	1	12	
W6	8-5-17	13-5-17	1	2	2	2	2	2	1	12	
W7	15-5-17	20-5-17	2	2	3	1	2	1	1	12	
W8	22-5-17	27-5-17	2	1	2	2	2	2	1	12	
W9	29-5-17	3-6-17	1	2	3	2	2	1	1	12	
W10	5-6-17	10-6-17	2	2	2	1	2	2	1	12	
W11	12-6-17	17-6-17	Summer Break								
W12	19-6-17	24-6-17	Summer Break								
W13	26-6-17	1-7-17	2	1	3	2	2	1	1	12	
W14	3-7-17	8-7-17	1	2	2	2	2	2	1	12	
W15	10-7-17	15-7-17	2	2	3	1	2	1	1	12	
W16	17-7-17	22-7-17	2	1	2	2	2	2	1	12	
W17	24-7-17	29-7-17	1	2	3	2	2	1	1	12	
W18	31-7-17	5-8-17	2	2	2	1	2	2	1	12	
W19	7-8-17	12-8-17	1	1	2	1	1	1	1	8	
W20	14-8-17	19-8-17	1	1	2	1	1	1	1	8	
W21	21-8-17	26-8-17	1	2	2	2	2	2	1	12	
W22	28-8-17	2-9-17									
W23	4-9-17	9-9-17	1	1	2	1	1	1	1	8	
W24	11-9-17	16-9-17	Term Break								
W25	18-9-17	23-9-17	Term Break								
W26	25-9-17	30-9-17	Term Break								
W27	2-10-17	7-10-17	2	2	3	1	2	1	1	12	
W28	9-10-17	14-10-17	2	1	2	2	2	2	1	12	
W29	16-10-17	21-10-17									
W30	23-10-17	28-10-17	1	2	3	2	2	1	1	12	
W31	30-10-17	4-11-17	2	2	2	1	2	2	1	12	
W32	6-11-17	11-11-17	2	1	3	2	2	1	1	12	
W33	13-11-17	18-11-17	1	2	2	2	2	2	1	12	
W34	20-11-17	25-11-17	2	2	3	1	2	1	1	12	
W35	27-11-17	2-12-17	2	1	2	2	2	2	1	12	
W36	4-12-17	9-12-17	1	2	3	2	2	1	1	12	
W37	11-12-17	16-12-17	2	2	2	1	2	2	1	12	
W38	18-12-17	23-12-17	2	1	3	2	2	1	1	12	
W39	25-12-17	30-12-17	Winter Vacation								
W40	1-1-18	6-1-18	1	2	2	2	2	2	1	12	
W41	8-1-18	13-1-18	2	2	3	1	2	1	1	12	
W42	15-1-18	20-1-18	2	1	2	2	2	2	1	12	
W43	22-1-18	27-1-18	1	1	2	1	1	1	1	8	
W44	29-1-18	3-2-18	1	1	2	1	1	1	1	8	
W45	5-2-18	10-2-18									
W46	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	03-Apr-17
2	The Earth in the solar system	3	10-Apr-17
3	Understanding diversity	2	19-Apr-17
4	The Earliest Societies	3	26-Apr-17
5	Maps: How they help us	2	08-May-17
6	Diversity and discrimination	2	15-May-17
7	From gathering to growing food	3	22-May-17
8	Globe- A Model of Earth (Latitudes & Longitudes)	3	31-May-17
9	What is government?	2	26-Jun-17
10	The First Cities: Harappan Civilisation	3	03-Jul-17
11	Motions of the Earth	3	12-Jul-17
12	Key elements of a democratic government	2	24-Jul-17
13	Different ways of living	2	31-Jul-17
14	"Major domains of the Earth and Relief features"	3	07-Aug-17
15	"Rural Administration (Panchayati Raj)"	2	23-Aug-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	03-Apr-17
2.	Force, work & Energy	10	01-May-17
3.	Simple Machine	5	26-Jun-17
4.	Electricity and circuit	9	17-Jul-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	

Academic Planning & Test Grid

Periods / Test Type & No.		Olympiad Pattern Part Test (OPT), Olympiad Pattern Cumulative Test (OCT), School Exam Preparatory Pattern Test (SEP), Open Test (OT) Syllabus and Result: Communication				Testing Hours	Final Result	
P.T. Date	Test Type	Physics	Chemistry	Mathematics	Biology	Social Science	English	Mental Ability
OPT-1	23.04.17 Objective	Motion and Measurement of Distance (upto Concept of rest and motion, Rest and motion are Relative terms).	Matter & its Segregation (till Separation of 2 or more solid mixture (winnowing, sieving))	Knowing our Numbers	Getting to know plants (Till modification of root)	When, Where and How? The Earth in the Solar system	Noun + comprehension	Playing alphabet
OCT-1	14.05.17 Objective	Motion and Measurement of Distance (Complete), Force, work & Energy (till Balanced and unbalanced force).	Matter & its Segregation	Knowing our Numbers, whole multiplication)	Getting to know plants (Stem to till functions of leaf)	The Earth in the Solar system, Understanding diversity & Earliest Societies	noun + pronoun + verbs + comprehension	Playing a l p h a b e t , Number Game (Missing term in given series)
SEP-1	04.06.17 (Objective & SST)	NA	NA	Knowing our Numbers, whole Numbers	NA	When, Where and How? The Earth in the Solar system, Diversity and Discrimination	NA	NA
SEP-1	09.07.17 Subjective (Soc. & Eng)	Motion and Measurement of Distance, Force, work & Energy, Simple Machine (upto Machine, Working machine, Terms related to machine).	Matter & its Segregation, Materials of daily use: Clothes	NA	Getting to know plants, Food (till Carnivores and omnivores)	From Gathering to Growing Food	Message + Notice + Letter writing	NA
OPT-2	30.07.17 Objective	Simple Machine, Electricity and circuit (upto Circuit diagram & symbols, Requirement of a circuit).	Matter & its Segregation, Materials of daily use: Clothes	Playing with numbers, Integers, Fractions (up to Addition of Fractions)	Food (carbohydrates and its types, Fats complete)	The First Cities: Harappan Civilisation, Motions of the Earth & Key elements of a democratic government	Tense + homophones + comprehension	Alphabet Game, Magical Figures, Problem of signs (BODMAS Rule)
OCT-2	20.08.17 Objective	Force, work & Energy (Pressure, Daily life example of pressure, its unit, Work, Energy and sources of energy, Different forms of energy, Law of conservation of energy), Simple Machine, Electricity and circuit (upto Electric tester, Torch)	Matter & its Segregation, Materials of daily use: Clothes Classification & Diversity in Matter	Playing with numbers, Integers, Fractions, Decimals	Food (till Protein)	Motions of the Earth Key elements of a democratic government & Major domains of the Earth and Relief Features	Comprehension + active passive + tense + idioms	Alphabet Game, Magical Figures, Problem of signs, Mysterious words (introduction, Letter-Letter Coding)

MT		Major Test Dates: 28 th August to 4 th September 2017							12	19.09.17 23.09.17
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 (Syllable Counting), Follow the path, Magic mystery	2	12.10.17 16.10.17
OCT-3	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 Ideas, Upanishads, 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-2	10.12.17 Subjective (Soc. & 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-2	07.01.18 Subjective (Soc. & 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 Magnetic 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	Figure Chain, Figure Similarity, Day after tomorrow	2	25.01.18 29.01.18

MT		Major Test Dates: 2 nd to 9 th February 2018							12	17.02.18 21.02.18
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