

COURSE PLANNER

For Students of

CLASS-IX

REGULAR PROGRAM | Academic Session: 2017-2018



Medium: **English**

Course Concept: The Program prepare students for NTSE & 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: 49 hrs
- ♦ Total Academic Hours: 437 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

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

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SUBJECT WISE SYLLABUS PLAN

MATHEMATICS

S.No.	Topic Name	No. of Classes	Topic Start Date
1.	Number Systems	12	26-Jun-17
2.	Polynomials	14	12-Jul-17
3.	coordinate geometry	3	31-Jul-17
4.	Introduction to euclid geometry	4	03-Aug-17
5.	Lines and angles	4	07-Aug-17
6.	Triangles	7	16-Aug-17
7.	Heron's formula	6	25-Aug-17
8.	Linear Equation in two variables	5	03-Oct-17
9.	Quadrilaterals	8	24-Oct-17
10.	Area of parallelograms and triangles	7	16-Nov-17
11.	Circles	6	02-Dec-17
12.	Constructions	2	21-Dec-17
13.	Surface area and volume	4	04-Jan-18
14.	Statistics	6	16-Jan-18
15.	Probability	4	03-Feb-18
Total		92	

CHEMISTRY

S.No.	Topic Name	No. of Classes	Topic Start Date
1.	Matter in our Surroundings	13	26-Jun-17
2.	Is Matter around us Pure	18	24-Jul-17
3.	Atoms and Molecules	19	03-Oct-17
4.	Structure of Atom	10	02-Jan-18
5.	Total	60	

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	4	2	2	2	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	2	2	2	2	1	12	
W19	30/10/17	4/11/17	1	2	3	2	2	1	1	12	
W20	6/11/17	11/11/17	2	2	2	1	2	2	1	12	
W21	13/11/17	18/11/17	2	1	3	2	2	1	1	12	
W22	20/11/17	25/11/17	1	2	2	2	2	2	1	12	
W23	27/11/17	2/12/17	2	2	3	1	2	1	1	12	
W24	4/12/17	9/12/17	2	1	2	2	2	2	1	12	
W25	11/12/17	16/12/17	1	2	3	2	2	1	1	12	
W26	18/12/17	23/12/17	2	2	2	1	2	2	1	12	
W27	25/12/17	30/12/17								0	
W28	1/1/18	6/1/18	2	1	3	2	2	1	1	12	
W29	8/1/18	13/1/18	1	2	2	2	2	2	1	12	
W30	15/1/18	20/1/18	2	2	3	1	2	1	1	12	
W31	22/1/18	27/1/18	2	1	2	2	2	2	1	12	
W32	29/1/18	3/2/18	1	2	3	2	2	1	1	12	
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	

ENGLISH

S.No.	Topic Name	No. of Classes	Topic Start Date
1.	Tense	2	26-Jun-17
2.	conditionals	1	29-Jun-17
3.	Brook	3	03-Jul-17
4.	Dpp Discussion + How I taught my grandmother to read	1	10-Jul-17
5.	SVA	2	13-Jul-17
6.	Reported speech	2	17-Jul-17
7.	The road not taken	1	20-Jul-17
8.	Modals	2	24-Jul-17
9.	The dog named duke	2	26-Jul-17
10.	pronoun, adjective, (error spotting)	1	01-Aug-17
11.	Determiners	1	08-Aug-17
12.	The solitary reaper	1	10-Aug-17
13.	Lord Ullin's daughter + story writing, article, letter	2	16-Aug-17
14.	Villa for sale	3	21-Aug-17
15.	Novel	2	04-Sep-17
16.	Dialogue completion + editing + omission + newspaper headline	1	06-Sep-17
17.	The Seven ages	1	03-Oct-17
18.	The man who knew too much	2	10-Oct-17
19.	Active passive voice	2	24-Oct-17
20.	Prepositions	3	31-Oct-17
21.	oh ! I wish I'd looked after me teeth	1	14-Nov-17
22.	Keeping it from Harold	3	21-Nov-17
23.	Connectors	2	05-Dec-17
24.	Song of the rain	1	12-Dec-17
25.	Best seller	3	19-Dec-17
26.	Bishop's candlesticks	5	09-Jan-18
27.	Novel	1	30-Jan-18
28.	Dialogue completion + editing + omission + newspaper headline	2	13-Feb-18
Total		53	

PHYSICS

S.No.	Topic Name	No. of Classes	Topic Start Date
1.	Motion	10	26-Jun-17
2.	Force and Laws of Motion	10	17-Jul-17
3.	Gravitation	10	10-Aug-17
4.	FLUID	6	02-Oct-17
5.	Work Energy Power	12	06-Nov-17
6.	SOUND	12	01-Jan-18
Total		60	

BIOLOGY

S.No.	Topic Name	No. of Classes	Topic Start Date
1.	CELL	10	26-Jun-17
2.	Tissue	12	17-Jul-17
3.	Improvement in food resources	9	16-Aug-17
4.	Diversity in living organism	15	03-Oct-17
5.	Why do we fall ill?	5	12-Dec-17
6.	Natural resources & its management	9	09-Jan-18
Total		60	

Academic Planning & Test Grid

Periodic Test Type & No.	P.T. Date	Test Type	Olympiad Pattern Part Test (OPT), NTSE Pattern Cumulative Test (NCT), School Exam 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	16.07.17	Objective	MOTION (up to free falling objects)	Matter in our Surroundings (up to effect of temperature)	Number Systems	CELL (upto to Cytoplasm)	India- Size & Location , Democracy in the Contemporary World, The Story of Village Palampur	Tense, conditionals + Brook	Logical Alphabet Number, Coding -Decoding	3	20.07.17	24.07.17
NCT-1	06.08.17	Objective	MOTION, FORCE AND LAWS OF MOTION (up to newtons second law of motion, momentum)	Matter in our Surroundings	Number Systems, Polynomials	Cell, Tissue (up to Cork & parenchyma)	India- Size and Location Democracy in the Contemporary World, The Story of Village Palampur, The French Revolution, Physical Features of India, Socialism in Europe and The Russian Revolution	Tense, conditionals, Brook, SVA, Reported Speech, The road not taken, Moulds	Logical Alphabet Number, Coding - Decoding, Series Completion	2	10.08.17	14.08.17
OPT-2	27.08.17	Objective	FORCE AND LAWS OF MOTION, GRAVITATION (up to experimental determination of G; different types of mass)	Is Matter around us Pure (up to Colloidal solution, suspension)	Coordinate geometry, introduction to euclid geometry, Lines and angles	Tissue	What is Democracy? Why Democracy?, People as Resource, Constitutional Design	Modals, The dog named duke, pronoun/ adjective (error spotting), Determiners, The softy reaper	Series Completion, Mathematical Operations, Direction Sense Test, Sitting Arrangement	3	31.08.17	04.09.17
MT			Major Test Dates: 19th August to 7th September 2017							12	21.09.17	25.09.17
OPT-3	08.10.17	Objective	Fluid (till Atmospheric Pressure)	Is matter around us pure	Triangles, Heron's Formula	Improvement in Food Resources, Diversity in Living Organism (introduction of Diversity)	Poverty as a Challenge , Electoral Politics	Comprehension + Modals	Logical Venn Diagram, Syllogism	2	12.10.17	16.10.17
NCT-2	05.11.17	Objective	Gravitation, Fluid	Is matter around us pure, atoms & molecules (Upto atomic mass & molecular mass)	Linear Equation in two variables, Quadrilateral (up to Types of quadrilateral Angle sum property of quadrilateral)	Diversity in living organisms (till angiosperms)	Electoral Politics, Climate	Comprehension + Active passive voice	Direction Sense Test, Sitting Arrangement, Syllogism, Day, Date and Time Sequence	3	09.11.17	13.11.17
SEP-1	26.11.17	Subjective (Sc. & Eng)	Fluid, Work Energy Power (till Dissipation of Energy)	Atoms & molecules	NA	Diversity in Living Organism (till Non Chordates, Hemichordates)	NA	Seven Ages + oh I I wish I'd looked after me teeth + The Man who knew too much	NA	3	09.12.17	12.12.17
SEP-1	17.12.17	Subjective (Hindi, & SST)	NA	NA	Linear Equation in two variables, quadrilaterals and area of parallelogram and triangles	NA	Forest Society and Colonialism, Natural Vegetation and Wildlife, Working of Institutions	NA	NA	3	30.12.17	02.01.18
OPT-4	21.01.18	Objective	Work Energy Power (from Work- Energy Theorem), Sound (till Characteristics of Waves, Sound)	Atoms & Molecules, Structure of Atom (Introduction, Thomson & Rutherford Atomic Models)	Circles and Surface Area and Volume	Diversity in Living Organism (Chordates), Why do we fall ill?	Food Security in India, Democratic Rights	Connectors + Prepositions + Comprehension	Dice Test, Cube Test, Non Verbal Series, Non Verbal Analogy and Classification	2	25.01.18	29.01.18
MT			Major Test Dates: 4th February to 10th February 2018							12	19.02.18	23.02.18
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

Date of Reshuffling of Batches: **02.10.2017**

Total Testing Hours **49**