

COURSE PLANNER

For Students of

CLASS-10th

(CBSE)

PREMIUM PROGRAM



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: 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

TOTAL ACADEMIC HOURS

- ◆ Course Duration: 46 Weeks
- ◆ Total Number of Lectures: 837
- ◆ Duration of one lecture: 50 minutes
- ◆ Total Duration of Classroom Teaching: 697.5 hrs
- ◆ Total Duration of Testing: 101 hrs
- ◆ Total Academic Hours: 798.5 hrs

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.

CALL US FOR MORE DETAIL :
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SUBJECT WISE SYLLABUS PLAN

MATHEMATICS

Sl.No.	Topic Name	No. of Classes
1	Real Number	7
2	Polynomials	9
3	Pair of Linear Equations in Two Variables	9
4	Quadratic Equations	10
5	Arithmetic Progressions	9
6	Similar Triangle	9
7	Co-ordinate Geometry	9
8	Introduction To Trigonometry	13
9	Heights & Distances	4
10	Circles	8
11	Area Related To Circles	8
12	Surface Areas & Volumes	7
13	Statistics	6
14	Probability	6
	Total	114

CHEMISTRY

Sl.No.	Topic Name	No. of Classes
1	Chemical Reaction and Equation	18
2	Acid, Bases & Salt	17
3	Metals and Nonmetals	24
4	Carbon and Compounds	16
5	Periodic Classification of Elements	12
	Total	87

PHYSICS

Sl.No.	Topic Name	No. of Classes
1	Optics: Reflection of Light	12
2	Optics: Refraction of Light	14
3	Optics: Human Eye and The Colorful World.	10
4	Electricity	18
5	Magnetic Effect of Current	14
	Total	68

BIOLOGY

Sl.No.	Topic Name	No. of Classes
1	Nutrition	11
2	Respiration	8
3	Transportation	13
4	Excretion	10
5	Control and Coordination	16
6	How Do Organisms Reproduce	18
7	Hereditary and Evolution	12
8	Our Environment	7
	Total	95

MENTAL ABILITY (VERBAL)

Sl.No.	Topic Name	No. of Classes
1	Series	1
2	Coding & Decoding	1
3	Analogy	1
4	Classification	1
5	Number, Ranking & Time Sequence Test	1
6	Alphabet Test	1
7	Alpha - Numeric Sequence Puzzle	1
8	Direction Sense Test	1
9	Logical Venn Diagram	1
10	Inserting The Missing Character	1
11	Mathematical Operations	1
12	Logical Sequence of Words	1
13	Blood Relations	1
14	Puzzle Test	1
15	Calendar	1
16	Clock	1
17	Statement Conclusions	1
18	Data Sufficiency	1
19	Sequential Output Tracing	1
20	Arithmetical Reasoning	1

MENTAL ABILITY (NON-VERBAL)

21	Series	1
17	Mirror - Images	1
18	Water - images	1
19	Analytical Reasoning	1
20	Dot Situation	1
21	Spotting Out The Embedded Figure	1
22	Analogy	1
23	Classification	1
24	Dice	1
25	Cube	1
26	Paper Folding & Paper Cutting	1
27	Completion of Incomplete Pattern	1
28	Figure Matrix, Figure Formation, Construction of Squares & Grouping of Identical Figures	1
	Total	39