



COURSE PLANNER

For Students of

CLASS-7th

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.

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:** 429
- ◆ **Duration of one lecture:** 50 minutes
- ◆ **Total Duration of Classroom Teaching:** 357 hrs
- ◆ **Total Duration of Testing:** 60 hrs
- ◆ **Total Academic Hours:** 417.5 hrs

CALL US FOR MORE DETAIL :
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SUBJECT WISE SYLLABUS PLAN

MATHEMATICS

Sl.No.	Topic Name	No. of Classes
1	Integers	9
2	Fractions	10
3	Decimals	8
4	Data Handling	11
5	Simple Equations	7
6	Lines & Angles	7
7	The Triangles & Its Properties	12
8	Congruence of Triangles	9
9	Comparing Quantities	13
10	Rational Numbers	11
11	Practical Geometry	8
12	Perimeter and Area	10
13	Algebraic Expressions	9
14	Exponents and Powers	7
15	Symmetry	7
16	Visualising Solid Shapes	9
Total		147

CHEMISTRY

Sl.No.	Topic Name	No. of Classes
1	Fibre to Fabric	15
2	Acids, Bases And Salts	18
3	Physical & Chemical Changes	19
4	Water: A Precious Resource	15
5	Waste Water Story	6
Total		73

PHYSICS

Sl.No.	Topic Name	No. of Classes
1	Heat	21
2	Wind, Storm & Cyclone	20
3	Motion in time	19
4	Electric Current & Its Effects	22
5	Light	23
Total		105

BIOLOGY

Sl.No.	Topic Name	No. of Classes
1	Nutrition in Plants	13
2	Nutrition in Animals	9
3	Respiration in Organisms	11
4	Transportation in Plants & Animals	16
5	Reproduction in Plants	13
6	Weather, Climate & Adaptations of Animals to Climate	7
7	Soil	8
8	Forests: Our Lifeline	10
Total		87

MENTAL ABILITY (VERBAL)

Sl.No.	Topic Name	No. of Classes
1	Series	1
2	Coding & Decoding	2
3	Analogy	1
4	Classification	1
5	Number, Ranking & Time Sequence Test	2
6	Alphabet Test	1
7	Alpha Numeric Sequence Puzzle	1
8	Direction Sense Test	2
9	Logical Venn Diagram	2
10	Inserting The Missing Character	1
11	Mathematical Operations	1
12	Logical Sequence Of Words	1
13	Blood Relation	2
14	Puzzle Test	2

MENTAL ABILITY (NON-VERBAL)

15	Series	2
16	Mirror & Water Images	1
17	Analytical Reasoning	2
18	Dot Situation	2
19	Spotting Out The Embedded Figures	1
20	Analogy	1
21	Classification	1
22	Dice	2
23	Cube	2
24	Paper Folding & Paper Cutting	2
25	Completion of Incomplete Pattern	1
26	Pattern, Construction of Squares & Grids	1
27	Olympiad Question	1
Total		39

