



COURSE PLANNER

For Students of

CLASS-8th

REGULAR PROGRAM

Medium: **English**

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

Course Commencement: 03.04.2024 | Course Ends: 15.02.2025

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 2024-25. 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:** 432
- ♦ **Duration of one lecture:** 45 minutes
- ♦ **Total Duration of Classroom Teaching:** 324 hrs
- ♦ **Total Duration of Testing:** 56 hrs
- ♦ **Total Academic Hours:** 380 hrs

HOLIDAYS / VACATIONS

- 1. Summer Break:** 20th May to 15th June 2024
- 2. Independence Day:** 15th August, 2024
- 3. Raksha Bandhan:** 19th August, 2024
- 4. Anant Chaturdashi:** 17th September, 2024
- 5. Dussehra:** 12th October, 2024
- 6. Deepawali Holidays:** 28th Oct. to 05th November, 2024
- 7. Winter Break:** 30th Dec. 2024 to 04th January, 2025
- 8. Makar Sankranti:** 14th January 2025
- 9. Republic Day:** 26th January, 2025: (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: 04th May, 2024 | 03rd August, 2024 | 28th September, 2024 | 21st December, 2024 | 08th March, 2025

CALL US FOR MORE DETAIL :
0744-277769 |  **8824078330**

PCCP Head Office: CG Tower, A-46 & 52, IPIA, Near City Mall, Jhalawar Road,
Kota (Raj.)-324005 | **E-mail:** pccp@resonance.ac.in | **Website:** www.pccp.resonance.ac.in

SUBJECT WISE SYLLABUS PLAN

ENGLISH		
S.No.	Topic Name	No. of Classes
1.	Noun	2
2.	Reading Comprehension	1
3.	Pronoun	2
4.	Tense	3
5.	" Notice Writing, Essay Writing"	1
6.	Conditionals	1
7.	Adjective	2
8.	Irregular Verbs	1
9.	Adverb	2
10.	One Word Substitution	1
11.	Active and Passive Voice	3
12.	Direct and Indirect Speech	4
13.	Subject Verb Agreement	2
14.	Modals	2
15.	Phrasal Verbs	1
16.	Synonyms and Antonyms	2
17.	Letter Writing	1
18.	Story Writing, Diary Writing	1
19.	Article Writing	1
20.	Idioms	1
21.	Determiners	2
22.	Preposition	3
23.	Conjunction	3
24.	Homophones, Homonyms	2
25.	Spoken English Activity + Diary Entry	2
26.	Revision	5
	Total	56

SOCIAL SCIENCE		
S.No.	Topic Name	No. of Classes
1.	How, When and Where	2
2.	"Resources, Types and Development "	2
3.	The Indian Constitution	2
4.	" Understanding Secularism"	2
5.	From Trade to Territory	3
6.	Ruling the Country Side	4
7.	Tribal, Dikus and the Vision of a Golden Age	2
8.	Land, Soil, Water and Natural Vegetation and Wildlife Resources	3
9.	Mineral and Power Resource	2
10.	When People Rebel	3
11.	Why do We Need a Parliament	3
12.	Agriculture	3
13.	Colonialism & the Story of an Imperial City	2
14.	Manufacturing Industries	2
15.	"Weavers, Iron Smelters and Factory Owners "	2
16.	Understanding Laws	2
17.	Civilizing the Native Educating the Nation	3
18.	Judiciary	2
19.	Women, Caste and Social Reforms	3
20.	Understanding Our Criminal Justice System	2
21.	Human Resources	3
22.	Understanding and Tackling Marginalisation	2
23.	The Changing World of Visual Arts	3
24.	"The Indian National Movement-I"	4
25.	Water and the People of Chennai	3
26.	The Indian National Movement-II	2
27.	Law and Social Justice	2
	Total	68

PHYSICS		
S.No.	Topic Name	No. of Classes
1.	Force	7
2.	Pressure	5
3.	Friction	4
4.	Sound	9
5.	Electricity	11
6.	Light	12
7.	Earthquakes	2
8.	" Rain, Thunder and Lightning"	2
9.	The Night Sky	4
	Total	56

BIOLOGY		
S.No.	Topic Name	No. of Classes
1.	Crop Production and Management	9
2.	Micro Organisms Friend & Foe	9
3.	Conservation of Plants and Animals	9
4.	Cellular Level of Organisation	10
5.	Reproduction in Animals	7
6.	Pollution of Air and Water	4
7.	Reaching the Age of Adolescence	6
	Total	54

MATHEMATICS		
S.No.	Topic Name	No. of Classes
1.	Rational Numbers	9
2.	"Squares & Square Roots"	9
3.	Cubes and Cube Roots	7
4.	Linear Equation in One Variable	5
5.	Quadrilaterals	8
6.	Construction of Quadrilaterals	3
7.	Playing with Numbers	5
8.	Algebraic Expressions, Algebraic Identities	12
9.	Exponents and Power	5
10.	Percentage and its Application	8
11.	Compound Interest	5
12.	Direct and Inverse Variation	8
13.	Visualising Solid Shapes	5
14.	Mensuration	6
15.	Introduction to Graph	3
16.	Data Handling	4
17.	Probability	5
Total		107

MENTAL ABILITY		
S.No.	Topic Name	No. of Classes
1.	Test of Alphabets	2
2.	Logical Numbers	2
3.	Repeat the Letters	1
4.	Magic of Figures	1
5.	Operations	2
6.	Secret of the Words	2
7.	Journey Ends	1
8.	Sequencing	2
9.	Blood Sample	2
10.	Sit Over Here	2
11.	Unlock the Mystery	2
12.	Pictures	1
13.	Throw it	1
14.	Date and Time	2
15.	Compare & Out	1
16.	Figure Situation	2
17.	Mixture	1
Revision		10
Total		37

CHEMISTRY		
S.No.	Topic Name	No. of Classes
1.	Synthetic Fibre and Plastics	12
2.	Metals and Non - Metals	15
3.	Coal and Petroleum	8
4.	Combustion and Flame	14
5.	Revision	5
Total		54

School Examination Preparatory (SEP) Sheet: Schedule

S.No.	Test Syllabus					
	Physics	Chemistry	Mathematics	Biology	English	Social Science
1			Rational Numbers		Noun, Reading Comprehension	How, When and Where
2	Force		squares and square roots	Crop production & Management	Pronoun, Tense	Resources, Types and Development + From Trade to Territory
3	Pressure		Cube and cube roots		" Notice Writing, Essay Writing"	The Indian Constitution & Understanding Socialism + Ruling the Country Side & Tribal, Bikus and the vision of a Golden age
4	Friction	Synthetic Fibre and Plastics	Linear equation in one variable	Micro organism friends & foe	Conditionals, Adjective	Land, Soil, Water and Natural veg. and Wildlife Resources
5			quadrilateral		Irregular Verbs, Adverb	Mineral and Power Resource
6	Sound		Construction		One Word Substitution	When people rebel + Agriculture
7		Metals and Non - Metals	playing with numbers	Conservation of Plants & Animals	Active and Passive Voice	Why do we need a parliament + Colonialism & the story of an imperial city
8			Algebraic expression		Direct and Indirect Speech	
9			Algebraic Identities		Subject Verb Agreement	Manufacturing Industries
10	Electricity		Exponents and power		Modals, Phrasal Verbs	Weavers, Iron smelters and factory owners + Civilising the Native, Educating the nation
11		Coal and Petroleum	Percentage and its application	Cellular level of Organization	Synonyms and Antonyms	Understanding Laws + Judiciary + Understanding our Criminal justice system
12			Compound Interest		Letter Writing	Women, Caste and Social Reforms + Human Resources + The Changing world of Visual Arts
13	Light		Direct and inverse variation	Reproduction In animals	Story Writing, Diary Writing	Understanding Marginalisation + Confronting Marginalisation
14			Visualising Solid Shape		Artide Writing	
15	Earthquakes		Mensuration	Pollution of air and water	Idioms, Determiners	
16	Rain, Thunder and lightning		Introduction to graph		Preposition, Conjunction	
17			Data Handling		Homophones, Homonyms	The Indian National Movement-I + The Indian National Movement-II
18	Night Sky	Combustion and Flame	Probability	Reaching the age of adolescence	Spoken English Activity + Diary Entry	Water and the people of Chennai + Law and Social Justice

Academic Planning & Test Grid

Olympiad Pattern Cumulative Test (OCT), School Exam Preparatory Pattern Test (SEP), Major Test (MT) Syllabus

Periodic Test Type & No.	P.T. Date	Test Type	Physics	Chemistry	Mathematics	Biology	Social Science	English	Mental Ability
OCT1 (2 Hr) (Sc. & SST) E,(MAT)	27.04.24	Objective	Force (upto Balanced and Unbalanced forces, Resultant force)	Synthetic Fibre and Plastics (upto polyester, acrylic)	Rational Numbers	Crop production and management (upto harvesting).	How, When and Where, Resources, Types and Development	Noun, Reading Comprehension	Test of alphabets, logical numbers
SEP1 (3 Hr/1.5Hr) (Sc. & Eng)	11.05.24	Subjective (Offline) /Objective (Online)	Force, Pressure (upto Units of pressure)	Synthetic fibres and plastics (till blended fibres)	NA	Crop production and management, Micro organisms friend & foe (upto algae)	NA	Noun, Reading Comprehension, Pronoun, Notice writing, Essay writing	NA
SEP2 (3 Hr/1.5Hr) (Maths & SST)	06.07.24	Subjective (Offline) /Objective (Online)	NA	NA	Rational Numbers, Square and square root, Cubes and cube roots	NA	The Indian Constitution, From Trade to Territory, Ruling the Country Side, Understanding Secularism	NA	NA
OCT2 (2 Hr) (Sc. & SST) E,(MAT)	27.07.24	Objective	Force, Pressure, Friction, Sound (upto Difference between transverse and longitudinal wave)	Synthetic fibres & plastics (From Plastics), Metals and Non-Metals (till physical properties of metals)	Rational numbers, Squares and square root, Cubes and cube roots, Linear equation in one variable, Quadrilaterals, Construction of quadrilaterals	Micro organisms friend & foe, Conservation of plants and animals, Cellular level of organisation (upto types of organisms)	How, When and Where, Resources, Types and Development, The Indian Constitution, Ruling the Country Side, Tribal Dikus and the vision of a golden age, Land, Soil, Water and Natural vegetation and Wildlife Resources	Reading Comprehension, Pronoun, Conditionals, Adjective, One word substitution (1-20)	Test of alphabets, logical numbers, Logical alphabets, repeat the letters, magic of figures, operations
SEP3 (3 Hr/1.5Hr) (Sc. & Eng)	10.08.24	Subjective (Offline) /Objective (Online)	Force, Pressure, Friction, Sound (Till Range of hearing)	Synthetic fibres and Plastics, Metals and Non-Metals (till Chemical properties of metal)	NA	conservation of plants and animals, Cellular level of organisation (upto cytoplasm)	NA	Reading Comprehension, Notice Writing, Irregular verbs (all), Letter Writing, Adverb, Active- Passive Voice	NA
SEP4 (3 Hr/1.5Hr) (Maths & SST)	24.08.24	Subjective (Offline) /Objective (Online)	NA	NA	Linear equation in one variable, Quadrilaterals, Construction of quadrilaterals, Playing with numbers, Algebraic expressions	NA	The Indian Constitution, From Trade to Territory, Ruling the Country Side, Land, Soil, Water and Natural Vegetation and Wildlife Resources, Mineral and Power Resource, When people rebel, Why do we need a Parliament?	NA	NA

Half Yearly / Term-1 Dates: 7th to 20th Sep 2024

Periodic Test Type & No.	P.T. Date	Test Type	Physics	Chemistry	Mathematics	Biology	Social Science	English	Mental Ability
MT-1 Term-1 Subjective									
A=11.0.16	05.10.24	Objective	Force, Pressure, Friction, Sound, Electricity (Upto Electric Current)	Metals and Non-metals, Coal and Petroleum (till fossil fuels)	Rational numbers, Squares and square root, Cubes and cube roots, Linear equation in one variable, Quadrilaterals, Construction of quadrilaterals, Playing with numbers, Algebraic expressions and powers, Percentage and its application	Conservation of plant and animals, Cellular level of organisation, Reproduction in animals	Mineral and Power Resource, When people rebel, Why do we need a parliament?, Agriculture, Manufacturing Industries, Understanding Laws,	Reading Comprehension, Direct and Indirect Speech, Speech Subject Verb Agreement, Modals	Test of alphabets, logical numbers, Logical alphabets, repeat the letters, magic of figures, operations, secret of the words, journey ends, sequencing, blood sample, Sit over here
SEP5 (3 Hr/1.5Hr) (Sc. & Eng)	18.10.24	Subjective (Offline) /Objective (Online)	Sound, Electricity	Metals and Non-metals, Coal and Petroleum (upto destructive distillation)	NA	Reproduction in animals, Pollution of air and water, Reaching the age of Adolescence (upto role of hormone in adolescence)	NA	Reading Comprehension, Subject Verb Agreement, Modals, Synonyms and Antonyms (All), Speech Writing, Report Writing	NA
SEP6 (3 Hr/1.5Hr) (Maths & SST)	23.11.24	Subjective (Offline) /Objective (Online)	NA	NA	Algebraic identities, Exponents and powers, Percentage and its application, Compound Interest, Direct and inverse variation, Visualising Solid Shapes	NA	Understanding Laws, Civilizing the Natives, Educating the Nation, Judiciary, Women, caste and social reforms,	NA	NA
OCT4 (2 Hr) (Sc. & SST) E,(MAT)	14.12.24	Objective	Friction, Sound, Electricity, Light (Upto Image formation by convex lens and concave lens)	Metals and Non-metals, coal and petroleum, Combustion and flame (up to types of combustion)	Rational numbers, Squares and square root, Cubes and cube roots, Linear equation in one variable, Quadrilaterals, Construction of quadrilaterals, Playing with numbers, Algebraic expressions, Algebraic identities, Exponents and power, Percentage and its application, Compound Interest, Direct and inverse variation, Visualising Solid Shapes, Measurement, Introduction to graph	Pollution of air and water, Reaching the age of Adolescence, Pollution of air and water, Reproduction in animals	Why do we need a parliament, Agriculture, Human Resources, Manufacturing Industries, Understanding Laws, Civilizing the Natives, Educating the Nation, Judiciary, Women, caste and social reforms	Reading Comprehension, Direct and Indirect Speech, Subject Verb Agreement, Modals, Synonyms and Antonyms (All), Speech Writing, Report Writing	Test of alphabets, logical numbers, Logical alphabets repeat the letters, magic of figures, operations, secret of the words, journey ends, sequencing, blood sample, sit over here, unlock the mystery, pictures, throw it, Date and time, Compare & out
SEP7 (3 Hr/1.5Hr) (Sc. & Eng)	11.01.25	Subjective (Offline) /Objective (Online)	Sound, Electricity Light, Earthquakes, Rain, Thunder and lightning, The Night Sky (upto Planets)	Coal and petroleum, Combustion and Flame, till Combustion of a wax candle, Zones of a candle (flame)	NA	Reproduction in animals, Pollution of air and water, Reaching the age of Adolescence	NA	Reading Comprehension, Phrasal Verbs, Story Writing, Diary Writing, Determiners, Preposition	NA
SEP8 (3 Hr/1.5Hr) (Maths & SST)	01.02.25	Subjective (Offline) /Objective (Online)	NA	NA	Measurement, Introduction to graph, Data handling, Probability	NA	Judiciary, Civilizing the Natives and Educating the Nation, Women, Caste and Social Reforms, Understanding our Criminal justice system, Human Resources, Understanding and tackling Marginalisation, The Indian National Movement-I, The Indian National Movement-II, Laws and Social Justice	NA	NA

Annual Exam / Term-2 Dates: From 20th Feb to 7th March-2025

Periodic Test Type & No.	P.T. Date	Test Type	Physics	Chemistry	Mathematics	Biology	Social Science	English	Mental Ability
MT-2 Term-2 Subjective									