

COURSE PLANNER

For Students of
CLASS-6th

PREMIUM 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.

Course Commencement: 07.04.2025 | Course Ends: 14.02.2026

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 2025-26. The institute reserves the right to make changes in it in the interest of students.

TOTAL ACADEMIC HOURS

- ♦ Course Duration: 45 Weeks
- ♦ Total Number of Lectures: 667
- ♦ Duration of one lecture: 50 minutes
- ♦ Total Duration of Classroom Teaching: 556 hrs
- ♦ Total Duration of Testing: 72 hrs
- ♦ Total Academic Hours: 628 hrs

CALL US FOR MORE DETAIL :
0744-2777769 | 8824078330

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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
1.	Knowing our Numbers	11
2.	Whole Numbers	7
3.	Playing with numbers	14
4.	Integers	7
5.	Fractions	8
6.	Decimals	8
7.	Introduction to Algebra	7
8.	Ratio & proportion	8
9.	Basic geometrical ideas	6
10.	"Understanding Elementary shapes"	8
11.	Symmetry	4
12.	Practical geometry	4
13.	Mensuration	9
14.	Data handling	7
15.	Revision	8
	Total	117

CHEMISTRY

S.No.	Topic Name	No. of Classes
1.	Matter & its Segregation	10
2.	Materials of Daily Use: Clothes	7
3.	Classification & Diversity In Matter	11
4.	World of Changes	11
5.	Importance of Air	6
6.	Elixir of Life - Water	12
7.	Revision	7
	Total	64

BIOLOGY

S.No.	Topic Name	No. of Classes
1.	Getting to Know Plants	9
2.	Food	10
3.	Living Organisms and their Surroundings	6
4.	Body Movements	15
5.	Garbage in Garbage Out	8
6.	Revision	16
	Total	64

ENGLISH

S.No.	Topic Name	No. of Classes
1	"Parts of speech, Reading Comprehension"	2
2	The Sentence	2
3	"A Bottle of Dew,"	2
4	"Noun, The Raven and the Fox"	2
5	"Pronoun"	2
6	Rama to the Rescue, Notice writing	2
7	"Articles, Adjective"	3
8	Verb	2
9	Synonyms and Antonyms	1
10	"The Unlikely Best Friends, Message Writing, A Friend's Prayer"	3
11	"The Chair, Neem Baba"	2
12	"One Word Substitution, Tense"	3
13	Adverb, Idioms and Phrases,	2
14	What a Bird Thought, Spices that Heal Us...	2
15	Story writing, Change of Heart	2
16	Subject Verb Agreement	2
17	"Question Tags, The Winner"	2
18	Direct and Indirect speech	2
19	Modals	1
20	Active and Passive voice	2
21	"Preposition"	1
22	Yoga - A Way of Life, Hamara Bharat - Incredible India!	3
23	"Punctuations, The Kites"	2
24	Application writing & Letter writing	2
25	Ila Sachani - Embroidering Dreams With Her Feet	4
26	National War Memorial	1
27	Phrasal verbs	2
28	"Conjunctions, Irregular Verbs"	2
29	Homophones	1
30	"Revision"	11
	Total	70

PHYSICS		
S.No.	Topic Name	No. of Classes
1.	Motion and Measurement of Distance	8
2.	Force, Work & Energy	6
3.	Temperature and Its Measurement	4
4.	Simple Machine	5
5.	Electricity and Circuit	4
6.	Light Shadows and Reflection	15
7.	Fun with magnet	9
8.	Universe	6
9.	Revision	9
	Total	66

MENTAL ABILITY		
S.No.	Topic Name	No. of Classes
1	Playing Alphabet, Number Game	3
2	Alphabet Game	1
3	Magical Figure	2
4	Problem of Signs	2
5	Mysterious Words	2
6	Follow the Path	1
7	Magic Mystery	3
8	Similarity	1
9	Get the Fish Out of the Water	1
10	Figure Chain	1
11	Figure Similarity	2
12	Day After Tomorrow	3
13	Look at the Mirror	1
14	Mixture	6
15	Revision	11
	Total	41

SOCIAL SCIENCE		
S.No.	Topic Name	No. of Classes
1	Timeline and Sources of History	4
2	Locating Places	2
3	India's Cultural roots	2
4	The Value of Work	2
5	India, That is Bharat	4
6	Oceans and Continents	3
7	Unity in Diversity	2
8	Family and community	4
9	The Beginnings of Indian Civilisation	4
10	Landforms and Life	2
11	Grassroots Democracy – Part 1 Governance	4
12	Economic Activities Around Us	2
13	Local Government in rural areas	5
14	Local Government in URBAN AREAS	4
15	REVISION	21
	Total	65

School Examination Preparatory (SEP) Sheet: Schedule

S.No.	Test Syllabus					
	Physics	Chemistry	Mathematics	Biology	English	Social Science
1	Motion and Measurement of Distance		Knowing our Numbers		"Parts of speech, Reading Comprehension", The Sentence	Timeline and Sources of History
2		Matter & its Segregation	Whole Numbers		"A Bottle of Dew," "Noun, The Raven and the Fox"	Locating Places
3	Force, work & Energy		Playing with numbers	Getting to know plants	"Pronoun" Rama to the Rescue, Notice writing	India's Cultural roots
4	Temperature and Its Measurement		Integers		"Articles, Adjective", Verb Synonyms and Antonyms	The Value of Work
5		Materials of daily use: Clothes	Fractions		"The Unlikely Best Friends, Message Writing, A Friend's Prayer"	India, That is Bharat
6	Simple Machine	Classification & Diversity In Matter	Decimals		"The Chair, Neem Baba" "One Word Substitution, Tense"	Oceans and Continents
7	Electricity and circuit		Introduction to Algebra	Food	Adverb, Idioms and Phrases, What a Bird Thought, Spices that Heal Us...	Unity in Diversity
8			Ratio & proportion		Story writing, Change of Heart Subject Verb Agreement	Family and community
9		World of Changes	Basic geometrical ideas		"Question Tags, The Winner" Direct and Indirect speech, Modals	The Beginnings of Indian Civilisation
10			Understanding Elementary Shapes	Living organism & their surroundings	Active and Passive voice "Preposition", Yoga - A Way of Life,	Landforms and Life
11	Light Shadows & Reflection	Importance of Air	Symmetry		Hamara Bharat - Incredible India! "Punctuations, The Kites"	Grassroots Democracy – Part 1 Governance
12			Practical geometry	Body movement	Application writing & Letter writing Ila Sachani - Embroidering Dreams With Her Feet	Economic Activities Around Us
13	Fun with magnet	Elixir of Life - Water	Mensuration		National War Memorial Phrasal verbs	Local Government in rural areas
14	Universe		Data handling	Garbage in garbage out	"Conjunctions, Irregular Verbs" Homophones	Local Government in URBAN AREAS

SANSKRIT		
S.No.	Topic Name	No. of Classes
1	वयं वर्णमालां पठामः	1
2	सर्वनाम परिचय (व्याकरण)	1
3	एषः कः ? एषा का ? एतत् किम् ? अव्यय पदानि	2
4	अहं च त्वं च	3
5	अहं प्रातः उत्तिष्ठामि	2
6	शूराः वयं धीराः वयम्	2
7	सः एव महान् चित्राकारः	2
8	संख्या ज्ञानम् (व्याकरण)	1
9	धातु रूप (लकारस्य परिचयः)	1
10	अतिथिदेवो भव	3
11	बुद्धिः सर्वार्थसाधिका	2
12	यो जानाति सः पण्डितः	1
13	त्वम् आपणं गच्छ	2
14	पृथिव्यां त्रीणि रत्नानि	2
15	आलस्यं हि मनुष्याणां शरीरस्थो महान् रिपुः	2
16	संख्यागणना ननु सरला	2
17	माधवस्य प्रियम् अंगम्	2
18	वृक्षाः सत्पुरुषाः इव	3
19	Revision	15
Total		49

COMPUTER		
S.No.	Topic Name	No. of Classes
1	Computer Software	2
2	Windows 7	5
3	More on MS Power Point	6
4	Understanding MS EXCEL	5
5	Introduction of Flash	3
6	Internet & Email	3
7	Algorithm And Flowchart	2
8	Introduction of Programming	9
9	Intelligence And AI	3
10	Using Tools in Flash	14
11	Revision	3
Total		55

HINDI		
S.No.	Topic Name	No. of Classes
1	भाषा एवं व्याकरण	2
2	वर्ण विचार	2
3	पर्यायवाची	2
4	संज्ञा	3
5	मातृभूमि (कविता)	1
6	गोल (संस्मरण)	2
7	पहली बूँद (कविता)	2
8	हार और जीत (कहानी)	2
9	रहीम के दोहे (दोहा)	3
10	मेरी माँ (आत्म कथा)	2
11	अपठित गद्यांश-पद्यांश	2
12	पत्रा-लेखन	2
13	अनुच्छेद-लेखन	2
14	जलाते चलो (कविता)	2
15	सत्रिया और बिहू नृत्य (निबन्ध)	2
16	समश्रुति भिन्नार्थक शब्द	1
17	मैया मैं नहिं माखन खायो (पद)	3
18	परीक्षा (कहानी)	2
19	वाक्यांश के लिए एक शब्द	2
20	सर्वनाम	2
21	चेतक की वीरता (कविता)	2
22	हिंद महासागर में छोटा सा हिन्दुस्तान (यात्रा वृत्तान्त)	4
23	पेड़ की बात (निबंध)	3
24	क्रिया	2
25	सुलेख-लेखन	1
26	Revision	11
Total		64

PTSM SCHEDULE

PTSM#1

10

May 2025

PTSM#3

04

october 2025

PTSM#5

07

March 2026

PTSM#2

23

August 2025

PTSM#4

24

January 2026



HOLIDAYS / VACATIONS

- | | | | |
|--------------------------|------------------------|---------------------|----------------------------|
| 1. Eid al-Adha, Bakrid | 07-June-2025 | 13. Christmas Day | 25-Dec-2025 |
| 2. Summer Break | 18-May to 22 June-2025 | 14. Winter Vacation | 28-Dec 2025 to 04 Jan-2026 |
| 3. Muharram | 06-July-2025 | 15. Makar Sankranti | 14-Jan-2026 |
| 4. Raksha Bandhan | 09-Aug-2025 | 16. Republic Day | 26-Jan-2026 |
| 5. Independence Day | 15-Aug-2025 | 17. Maha Shivaratri | 15-Feb-2026 |
| 6. Janmashtami (In kota) | 17-Aug-2025 | 18. Holi Dahan | 03 -Mar-2026 |
| 7. Anant Chaturdashi | 06-Sep-2025 | 19. Holi | 04 -Mar-2026 |
| 8. Navratra Sthapna | 22-Sep-2025 | 20. Eid al - Fitr | 20 -Mar-2026 |
| 9. Durga Ashtami | 30-Sep-2025 | | |
| 10. Dussehra | 02-Oct-2025 | | |
| 11. Diwali | 17-Oct to 26 Oct-2025 | | |
| 12. Guru Nanak Jayanti | 05-Nov-2025 | | |

ACTIVITIES

Date	Activity	Class	Date	Activity	Class
12.Apr.25	House Meeting + Classes	5th to 10th	29.Nov.25	Tug of war + Sack Race + Lemon Race + 3 Legged Race	5th to 8th
19.Apr.25	Painting Competition	5th to 8th	13.Dec.25	Picnic	5th to 10th
05.Jul.25	Indoor Sports (TT, Carom, Chess)	5th to 9th	26.Dec.25	Goonj (Baal Mela & Science Exhibify)	5th to 10th
10.Jul.25	Guru Purnima Mahotsav	5th to 10th	27.Dec.25	Goonj (Cultural Night)	5th to 10th
08.Aug.25	Raksha Bandan Competition (IH)	5th to 8th	26.Jan.26	Republic Day Celebration	6th to 10th
15.Aug.25	Independence Day	5th to 10th	* These activities will be used for Scholastic Evaluation.		
30.Aug.25	Picnic	5th to 10th			
05.Sep.25	Teacher's Day Celebration	5th to 10th			
27.Sep.25	Dandiya Raas	5th to 10th			
15.Oct.25	Sports (Cricket)	5th to 8th			
16.Oct.25	Diya Making (IH)	5th to 8th			
16.Oct.25	Rangoli (IH)	5th to 8th			
01.Nov.25	Sports (Cricket)	9th to 10th			
15.Nov.25	Baal Kavi Sammelan	5th to 10th			

Academic Planning & Test Grid

Olympiad Pattern Part Test (OPT), Olympiad Pattern Cumulative Test (CCT), School Exam Preparatory Pattern Test (SEP), Major Test (MT) Syllabus													
Periods Test (OPT) Type & No.	PT. Date	Test Type	Physics		Chemistry	Mathematics	Biology	Social Science	English	Mental Ability	Hindi	Sanskrit	Computer
OPT1 (2 Hr) (Sc,M,SST, E,MAT)	26.04.25	Objective	Motion and Measurement of Distance (upto Types of motion)	Matter & its Segregation (till Magnetic Separation, Sublimation)	Knowing our numbers	Getting to know plants (upto Modification of stem)	Timeline and Sources of History, Locating Places	Parts of speech, Reading Comprehension	Playing alphabet, Number game	NA	NA	NA	NA
OCT1 (2 Hr) (Sc,M,SST, E,MAT)	17.05.25	Objective	Motion and Measurement of Distance, Force, Work & Energy (upto Types of force)	Matter&its Segregation	Knowing our Numbers, Whole Numbers	Getting to know plants	Timeline and Sources of History, Locating Places, India's Cultural roots, The Value of Work, India, That's Bharat	Parts of speech, Reading Comprehension, The Sentence, Noun, Pronoun,	Playing alphabet, Number game, Alphabet game, Magical figure, Problem of signs(till Bodmas rule)	NA	NA	NA	NA
SEP1 (3 Hr) (Sc. & Eng)	10.07.25	Subjective	Motion and Measurement of Distance, Force, Work & Energy (upto Different forms of energy)	Matter & Its Segregation (From Loading to complete) Materials of daily use: Clothes, :till Plant(Fibre (Jute))	NA	Getting to know plants, Food (Balanced diet)	NA	Reading ,Comprehension ,Verb, Pronoun, Articles, Adjectives, Notice Writing, A tale of Two Bird's Who Did Patrick's Homework, A House A Home, The Kite	NA	NA	NA	NA	NA
SEP2 (3 Hr) (Maths & SST)	12.07.25	Subjective	NA	NA	Whole Numbers, Playing with numbers	NA	Timeline and Sources of History, Locating Places, India's Cultural roots. The Value of Work, India, That is Bharat, Oceans and Continents	NA	NA	NA	NA	NA	NA
MSEP1 (3 hr) (Hindi, Comp.SAN)	26.07.25	Subjective	NA	NA	NA	NA	NA	NA	NA	NA	Literature - Lesson 1 to 5 Grammar- भाषा एवं व्याकरण, वर्ण विचार, पर्यावरणी शब्द, रसा, कविता का मूलार्थ, पाठ श्रव्यार्थ	द्वे वर्षमासौ पञ्चमः सन्निभं पुष्पकम् (आकरम्), एतत्किम्? एतत्किम्? अत्रयं पद्मिनी, अहं च त्वं भगवर्ध, पाठ श्रव्यार्थ	1.Computer Software 2.Windows 7 3.More on MS Power Point
OPT2 (2 Hr) (Sc,M,SST, E,MAT)	16.08.25	Objective	Motion and Measurement of Distance (from Combined motion), Force, Work & Energy, Temperature, Simple Machine	Materials of daily use: Clothes, Classification & Diversity In Matter:(till (Appearance), (Hardness)	Whole Numbers, Playing with numbers, Integers, Fractions	Food - Living organisms and their surroundings	India's Cultural roots, The Value of Work, India, That is Bharat, Oceans and Continents, Unity in Diversity, Family and community, The Beginnings of Indian Civilisation	The Sentence, Verb, Synonyms and Antonyms(1 to 20), Adverb, Adjective,Articles, Tense, Idioms and Phrases	Magical Figure, Problem of signs, Mysterious words, Follow the path, Magic mystery, Similarity, Get the fish out of the water, Figure chain, Figure Similarity	NA	NA	NA	NA

Academic Planning & Test Grid

Olympiad Pattern Part Test (OPT), Olympiad Pattern Cumulative Test (OCT), School Exam Preparatory Pattern Test (SEP), Major Test (MT) Syllabus											
Periodic Type & No.	Test Type	Physics	Chemistry	Mathematics	Biology	Social Science	English	Mental Ability	Hindi	Sanskrit	Computer
OPT3 (2 Hr) (Sc,M,SST, E,MAT)	11.10.25 Objective	Electricity and circuit, Light Shadows and Reflection (up to Shadows)	Classification & Diversity In Matter (From Texture to complete), World of changes(till Slow and fast changes)	Decimals, Introduction to Algebra, Ratio & proportion	Living organisms & their surroundings, Body movements (upto earthworm and snakes)	Landforms and Life, Grassroots Democracy – Part 1 Governance, Economic Activities Around Us	Question Tags, Subject Verb Agreement, Direct and Indirect Speech, Active and Passive Voice, Modals	Get the fish out of the water, Figure chain, Figure, similarity, Day after tomorrow, Look at the mirror	NA	NA	NA
OCT7 (2 Hr) (Sc,M,SST, E,MAT)	08.11.25 Objective	Motion and Measurement of Distance, Force, Work & Energy, Temperature, Simple Machine, Simple machine, Electricity and circuit, Light Shadows and Reflection	Matter & its Segregation, Materials of daily use, Clothes, Classification & Diversity in Matter, World of changes	Knowing our Numbers Whole numbers, Integers, Fractions, Decimals, Introduction to Algebra, Ratio & proportion, Basic geometrical ideas	Living organisms and their surroundings, Body movements	Timeline and Sources of History, Locating Places, India's Cultural roots, The Value of Work, India, That is Bharat, Oceans and Continents, Unity in Diversity, Family and community, The Beginnings of Indian Civilisation, Landforms and Life, Local Government in rural areas, Local Government	Parts of Speech, The Sentence, Articles, Verb, Adjective, Adverb, Question Tags, Noun, Pronoun, Tense, Reading Comprehension, Direct and Indirect Speech, Preposition, Conjunctions, Punctuations, Phrasal verbs, Active and Passive Voice, Subject-Verb Agreement, Modals, Reading Comprehension, Indirect Speech, Letter Writing, Application Writing, The wonder called sleep, A different kind of school, Where do all the teachers go	Playing alphabet, number game, alphabet game, magical figure, problem of signs, mysterious words, follow the path, magic mystery, similarly, get the fish out of the water, figure chain, figure similarity, Day after tomorrow, look at the mirror, mixture	NA	NA	NA
SEP3 (3 Hr) (Sc. & Eng)	4.12.25 Subjective	Electricity and circuit, Light Shadows and Reflection, Fun with Magnet (upto Methods of Demagnetising a magnet)	World of Changes, Importance of (Air till Atmosphere)	NA	Body movements in animals, Garbage in garbage out (upto waste and its types)	NA	NA	NA	NA	NA	NA
SEP4 (3 Hr) (Maths & SST)	6.12.25 Subjective	NA	NA	Ratio & proportion, Basic geometrical ideas, Understanding elementary shapes, Symmetry, Practical geometry	NA	Unity in Diversity, Family and community, The Beginnings of Indian Civilisation, Landforms and Life, Grassroots Democracy – Part 1 Governance, Economic Activities Around Us, Local Government in rural areas	NA	NA	NA	NA	NA
MSEP2 (3 hr) (Hindi, Comp, SAN)	20.12.25 Subjective	NA	NA	NA	NA	NA	NA	NA	Lesson - 9 to 13 Grammar- स्मृति निमिर्वाक शब्द, वाक्य के लिए एक शब्द, सीमा, संज्ञा, क्रिया, एका-वचन, अनेक-वचन, अव्यय, भवाव्यय, अव्यय	Literature - Lesson 8 to 13 Grammar - 8. Algorithm And Flowchart	6. Using Tools in Flash 7. Internet & Email 8. Algorithm And Flowchart
OPT4 (2 Hr) (Sc,M,SST, E,MAT)	17.01.26 Objective	Light Shadows and Reflection (from Location of a shadow), Fun with Magnet, Universe	World of changes, Importance of air, Exh of life-water (till Physical Properties of water)	Basic geometrical ideas, Understanding elementary shapes, Symmetry, Mensuration, Data handling	Body movements, Garbage in garbage out	Economic Activities Around Us, Local Government in rural areas, Local Government in Urban Areas	Conjunction, Phrasal Verb, Preposition, Irregular Verb, Homophones	look at the mirror, mixture	NA	NA	NA

STRONG FOUNDATION LEADS TO LONG-TERM SUCCESS

All India Rank-1

UPSC (CSE)
IAS Exam 2018

KANISHK KATARIA

AIR-44 (GEN)

IIT-JEE : 2010

AIR-24 (SC)

AIEEE: 2010

NTSE Scholar



AIR-4 (GEN) in JEE (Advanced) 2018

AIR-6 (GEN) in JEE (Main) 2018

SILVER MEDAL in 48th IPhO 2017

PAWAN GOYAL

GOLD MEDAL in 12th IJSO 2015

NTSE Scholar 2016

KVPY Fellowship Winner 2017

Student of PCCP since class- VIII

Study Centre: Kota (PCCP)



Currently study in MIT, USA

SIDDHANT MUKHERJEE

AIR-1 & 5 STATE TOPPER

in 15th IJSO (Stage-1) NSEJS 2018

Study Centre: Kota (PCCP)



AIR-1 (GEN)
JEE (Main)-2017

ATMA
BOOK OF
RECORDS
for perfect score
in JEE (Main) 2017
360/36



KALPIT VEERWAL

ARR-1 in NTSE 2015

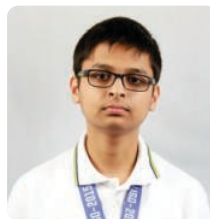
Student of PCCP



PRIYANSHU YADAV

Gold Medal in IJSO 2019

Student of PCCP



YASH GUPTA

Gold Medal in IJSO 2015

Student of PCCP



LAY JAIN

Gold Medal in IJSO 2015

Student of PCCP
Currently Study in
(MIT), USA (2022)

AIR-163 (GEN)
JEE (Advanced)-2013



YASH GUPTA

Gold Medal in IJSO 2010

NTSE Scholar
KVPY Scholar
SILVER Medal in IESO 2011



VARNAN DEVANGAN

Gold Medal in IESO 2019

Student of PCCP

AIR-38 (GEN)
JEE (Advanced)-2015



BHAVYA CHOUDHARY

Silver Medal in IJSO 2012

NTSE Scholar
KVPY Scholar
Gold Medal in IAO



Resonance Eduventures Limited

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