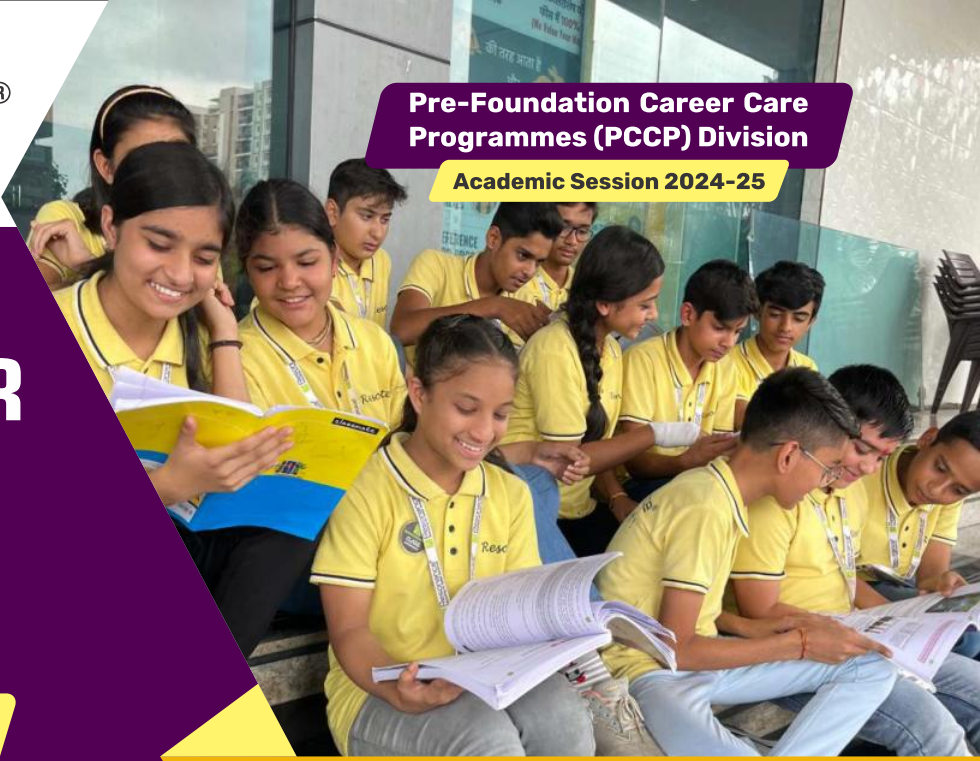


COURSE PLANNER

For Students of
CLASS-7th

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: 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

TOTAL ACADEMIC HOURS

- ♦ Course Duration: 46 Weeks
- ♦ Total Number of Lectures: 892
- ♦ Duration of one lecture: 50 minutes
- ♦ Total Duration of Classroom Teaching: 743 hrs
- ♦ Total Duration of Testing: 83 hrs
- ♦ Total Academic Hours: 826 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 2024-25. The institute reserves the right to make changes in it in the interest of students.

CALL US FOR MORE DETAIL :
0744-2777769 | 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	The Three Questions, The Squirrel, Idioms	2
3	"Pronoun, Reading comprehension, Essay writing, Notice writing"	3
4	The Tiny Teacher, Adjective	3
5	Bringing up Kari, The rebel	2
6	Adverb, A Gift of Chappals	4
7	Tense, Gopal and The Hilsa Fish, Article	4
8	Report Writing, Speech writing, Irregular verbs	2
9	The Shed, Golu Grows a nose	3
10	Conditionals, Diary Entry	3
11	Subject Verb Agreement	2
12	Ashes that made Trees Bloom	2
13	Chivvy, One word Substitution	2
14	Direct and Indirect speech	3
15	Chandni	2
16	Active & Passive voice	2
17	Quality, Trees, Letter and Application Writing	3
18	Modals, Phrasal verbs	3
19	Determiners, Expert Detectives	3
20	Mystery of the Talking Fan, The Bear story	2
21	Preposition, Story Writing	3
22	The Invention of vita wonk	2
23	Dad and the cat and the tree, Conjunction	3
24	A Tiger in the house, The sentence	3
25	"Question Tag, Homophones, A Homage to Our Brave Soldiers"	4
26	Meadow Surprises, Synonyms and Antonyms	3
27	An Alien Hand, Garden Snake	3
28	Revision	23
	Total	96

COMPUTER		
S.No.	Topic Name	No. of Classes
1	Number System	8
2	Formula, Function and chart	10
3	More on Excel	6
4	Animation in flash Player	6
5	Internet Services	6
6	Computer Safety & Security	9
7	Introduction of HTML	6
8	Conditional Statement in Python	6
9	AI For Sustainable Development	6
	Total	63

SOCIAL SCIENCE		
S.No.	Topic Name	No. of Classes
1.	Tracing Changes Through A Thousand Years	3
2.	Environment	2
3.	Equality in Indian Democracy	3
4.	New Kings and Kingdoms,	2
5.	Inside Our Earth	3
6.	Delhi Sultanat	3
7.	Our Changing Earth	3
8.	State Government and its Role in Health	3
9.	The Mughal Empire	3
10.	Rulers and Builders	4
11.	Air-Weather and Climate	3
12.	Gender and the role of women	2
13.	WATER	3
14.	Media and Advertisemenmt	4
15.	Towns, Traders and Craftpersons	3
16.	Natural Vegetation and Wild Life	2
17.	Tribes, Nomads and Settled Communities	2
18.	Human Enviornement and Settlement	2
19.	Devotional Path to Divine	3
20.	The Human Enviornment Interaction- TheTropical and subtropical Region	3
21.	The Making of Regional Culture	3
22.	Market Around Us	3
23.	Life in Temperate Grassland	4
24.	Life in Deserts	2
25.	Eighteenth century, Political Formation	3
26.	Map work	2
27.	Revision	22
	Total	95

BIOLOGY		
S.No.	Topic Name	No. of Classes
1.	Nutrition in organisms	9
2.	"Weather climate adaptation"	5
3.	Respiration	6
4.	Transportation	8
5.	Forest our life line	7
6.	Soil	5
7.	Reproduction	9
8.	Food	5
9.	Movement in animals	8
10.	Revision	6
	Total	68

SANSKRIT		
S.No.	Topic Name	No. of Classes
1	वर्ण विचारः (व्याकरण)	3
2	धातु रूपाणाम परिचय (व्याकरण)	2
3	शब्द रूपाणाम परिचय (व्याकरण)	2
4	सुभाषितानि	2
5	दुर्बुद्धिः विनश्यति	3
6	स्वावलम्बनम्	3
7	अव्यय ज्ञानम्	1
8	पण्डिता रमाबाई	3
9	सदाचारः	3
10	संकल्पः सिद्धिदायकः	2
11	संख्याज्ञानम् (व्याकरण) 1 से 100	3
12	त्रिवर्णः ध्वजः	2
13	अहमपि विद्यालयं गमिष्यामि	3
14	विश्वबन्धुत्वम्	3
15	समवायो हि दुर्जयः	3
16	विद्याधनम्	2
17	अमृतं संस्कृतम्	3
18	समय लेखनम् (व्याकरण)	2
19	लालनगीतम्	3
20	Revision	8
	Total	56

MATHEMATICS		
S.No.	Topic Name	No. of Classes
1.	Integers	7
2.	Fractions	10
3.	Rational numbers	9
4.	"Lines and Angles"	7
5.	Triangles	8
6.	"Congruency of Triangles"	8
7.	Exponents	4
8.	Algebraic Expressions, Algebraic Identities	8
9.	Data Handling	6
10.	Probability	3
11.	Construction	4
12.	Symmetry and visualizing solid shapes	3
13.	Mensuration	8
14.	Linear equation	4
15.	Ratio & Proportion	4
16.	Percentage	4
17.	Profit, Loss & Discount	6
18.	Simple Interest	4
19.	Revision	27
	Total	134

CHEMISTRY		
S.No.	Topic Name	No. of Classes
1.	General Chemistry	16
2.	"Fibre to Fabric "	11
3.	"Acids, Bases and Salts "	11
4.	"Physical and Chemical Changes"	11
5.	"Water - A Precious Resource"	17
	Revision	3
	Total	69

School Examination Preparatory (SEP) Sheet: Schedule

S.No.	Test Syllabus					
	Physics	Chemistry	Mathematics	Biology	English	Social Science
1	Units & Measurements		Integers		Noun, The Three Questions, The Squirrel, Idioms	
2	Motion and Time		fractions and decimals		"Pronoun, Reading comprehension, Essay writing, Notice writing", The Tiny Teacher, Adjective	"Tracing Changes Through A thousand years + Equality In Indian Democracy + Inside our Earth"
3			rational number	Nutrition in Organisms	Bringing up Kari, The rebel Adverb, A Gift of Chappals, Tense, Gopal and The Hilsa Fish, Article	Environment + New Kings and kingdoms + The Delhi Sultans
4		"GENERAL CHEMISTRY"	"lines and angles"	Weather, climate & adaptation	Report Writing, Speech writing, Irregular verbs, The Shed, Gulu Gulu Grows a nose Conditionals, Diary Entry	
5	Heat		Triangles	Respiration	Subject Verb Agreement, Ashes that made Trees Bloom Chivva, One word Substitution	State Government and its Role in Health + Rulers and Builders
6			"Congruency of Triangles"	Transportation	Direct and Indirect speech Chandni, Active & Passive voice	Our Changing Earth + The Mughal Empire + AIR
7	Sound	"Fibre to Fabric "	Exponents	Forest our life line	Quality, Trees, Letter and Application Writing Models, Phrasal verbs	
8		"Acids, Bases and Salts "	Algebraic Expressions & Algebraic Identities	Soil	Determiners, Expert Detectives	Gender & the role of women + WATER
9			Statistics		Mystery of the Talking Fan, The Bear story	Media and Advertisement
10	"Electrical Current & Its Effect"		Probability	Reproduction	Preposition, Story Writing	Town traders and craft persons
11			construction		The Invention of vita wonk	Natural vegetation and wild life
12	Light		"symmetry & visualizing solid shapes"		Dad and the cat and the tree, Conjunction	Tribes, Nomads & settled communities
13			Mensuration	Food	A Tiger in the house, The sentence	Human environment and settlement
14		Physical & Chemical Changes	linear equation		"Question Tag, Homophones,	The Tropical and subtropical Region
15			"Ratio and Proportion"		A Homage to Our Brave Soldiers"	Devotional path to divine + The making of regional Culture
16			Percentage		Meadow Surprises,	Market.
17	Wind, Storm & Cyclones		"Profit loss discount"	Movement in animals	Synonyms and Antonyms	Life in Temperate grassland + Eighteenth century Political Formation
18	Universe	"Water-A Precious Resource"	Simple Interest		An Allen Hand, Garden Snake	Life in the Desert

HINDI		
S.No.	Topic Name	No. of Classes
1	वर्ण-विचार	3
2	पर्यायवाची	1
3	हम पंछी उन्मुक्त गगन के (कविता)	2
4		
5	हिमालय की बेटियाँ (निबंध)	2
6	कठपुतली (कविता)	2
7	कारक प्रकरण	2
8	अपठित गद्यांश	2
9	संधि (स्वर संधि)	2
10	मिठाईवाला(कहानी)	2
11	पापा खो गए (नाटक)	2
12	शाम-एक किसान (कविता)	2
13	चिड़िया की बच्ची (कहानी)	2
14	अपूर्व अनुभव (संस्मरण)	2
15	अनुच्छेद- लेखन	2
16	रहीम के दोहे (कविता)	2
17	एक तिनका (कविता)	2
18	समास (अव्ययीभाव, द्वंद्व, द्विगु)	2
19	अपठित-पद्यांश	2
20	अनुच्छेद-लेखन	2
21	पत्र-लेखन	2
22	खान-पान की बदलती तस्वीर (निबंध)	2
23	नीलकण्ठ (रेखाचित्र)	2
24	भोर और बरखा (कविता)	2
25	वीर कुँवर सिंह (जीवनी)	2
26	संघर्ष के कारण मैं तुनुकमिजाज हो गया ; धनराज (साक्षात्कार)	2
27	आश्रम का अनुमानित व्यय (लेखा - जोखा)	2
28	सुलेख लेखन	2
29	Revision	14
	Total	68

MENTAL ABILITY		
S.No.	Topic Name	No. of Classes
1.	Playing alphabets	2
2.	Trains	3
3.	Magical figure	1
4.	Operate the problems	2
5.	Words in problem	2
6.	At the destination	2
7.	Be regular	2
8.	Sit down	2
9.	Magic mystery	3
10.	Compare & out	2
11.	Count down	2
12.	The time is right	2
13.	"Figure train & Figure out"	2
14.	Throw it	1
15.	Get the image	2
16.	Mixture	4
17.	Revision	7
	Total	42

PHYSICS		
S.No.	Topic Name	No. of Classes
1.	Units and Measurements	5
2.	Motion and Time	10
3.	Heat	7
4.	Sound	8
5.	Electrical Current and its Effect	6
6.	Light	12
7.	"Winds, Storms and Cyclones"	4
8.	Universe	6
9.	Revision	14
	Total	72

PTSM SCHEDULE

PTSM#1

04

May 2024

PTSM#3

28

September 2024

PTSM#5

8

March 2025

PTSM#2

03

August 2024

PTSM#4

21

December 2024



HOLIDAYS / VACATIONS

1. Eid ul-Fitar, Ramzan >> 11-Apr-2024
2. Summer Break >> 20-May to 22 June-2024
3. Eid al-Adha, Bakrid >> 17-June-2024
4. Muharram >> 17-July-2024
5. Independence Day >> 15-Aug-2024
6. Raksha Bandhan >> 19-Aug-2024
7. Janmashtami (In kota) >> 27-Aug-2024
8. Anant Chaturdashi >> 17-Sep-2024
9. Navratra Sthapna >> 03-Oct-2024
10. Durga Ashtami >> 11-Oct-2024
11. Dussehra >> 12-Oct-2024
12. Diwali >> 28-Oct to 05 Nov-2024

13. Guru Nanak Jayanti >> 15-Nov-2024
14. Christmas Day >> 25-Dec-2024
15. Winter Vacation >> 30-Dec 2024 to 04 Jan-2025
16. Makar Sankranti >> 14-Jan-2025
17. Republic Day >> 26-Jan-2025
18. Maha Shivaratri >> 26-Feb-2024
19. Holi Dahan >> 13 -Mar-2025
20. Holi >> 14 -Mar-2025

Physical Education		
S.No.	Topic Name	No. of Classes
1.	Health Card & B.M.I. Measure	4
2.	Game and Practice	21
3.	General and Specific Exercise	5
4.	Game Test	4
5.	Physical Fitness Test	6
Total		40

SUBJECT WISE REVISION & DOUBT CLASSES		
S.No.	Topic Name	No. of Classes
1.	Physics	14
2.	Chemistry	11
3.	Mathematics	20
4.	Biology	09
5.	Social Science	08
6.	Personality Development	23
7.	English	5
Total		90

ACTIVITIES

Date	Activity	Class
15.04.24	House Meeting	5 to 10
20.04.24	Painting Competition, English Extempore (Inter-house)	5 to 8
18.05.24	Best Out of Waste (Inter-house)	5 to 8
13.07.24	Indoor Sports (TT, Carom, Chess), Science Quiz	5 to 8
20.07.24	Guru Purnima Mahotsav	5 to 10
20.07.24	Science Quiz	9 to 10
15.08.24	Independence Day Celebration	5 to 10
17.08.24	Raksha Bandan Competition	5 to 8
31.08.24	Picnic	5 to 10
05.09.24	Teacher's Day Celebration	5 to 10
08.10.24	Dandiya Raas	5 to 10
12.10.24	Sports (Cricket)	5 to 8
26.10.24	Diya Making, Rangoli (Inter House)	5 to 8
09.11.24	Sports (Cricket)	9 to 10
16.11.24	Baal Kavi Sammelan	5 to 10

Date	Activity	Class
23.11.24	Eng. Vocab Wall (IH)	5 to 8
30.11.24	Picnic	5 to 10
07.12.24	Tug of war + Sack Race + Lemon Race + 3 Legged Race	5 to 8
26.12.24	Goonj (Baal Mela & Science Exhibify)	5 to 10
27.12.24	Goonj (Nobel Day & RGT)	5 to 10
28.12.24	Goonj (Cultural Night)	5 to 10
26.01.25	Republic Day Celebration	5 to 10

* These activities will be used for Scholastic Evaluation.

Academic Planning & Test Grid

Batches Exam (PT) Date & Time	PT. Date	Test Type	Olympiad Pattern Cumulative Test (OCT), School Exam Preparatory Pattern Test (SEP), Major Test (MT) Syllabus									
			Physics	Chemistry	Mathematics	Biology	Social Science	English	Mental Ability	Hindi	Sanskrit	Computer
OCT1 (2 Hr) (Sc./M./SST. E./MAT)	27.04.24	Objective	Measurements (complete)	General Chemistry (up to Modern atomic theory.)	Integers	Nutrition in organisms	Tracing Changes through A thousand years, Environment.	Noun, Reading Comprehension	Playing alphabets, Trains (number series)	NA	NA	NA
SEP1 (3 Hr) (Maths & SST)	11.05.24	Subjective	NA	NA	Integers, Fractions & Decimals	NA	Tracing Changes through A thousand years, Environment, Equality in Indian Democracy	NA	NA	NA	NA	NA
MSEP1 (3 Hr) (Comp, SAN)	29.06.24	Subjective	NA	NA	NA	NA	NA	NA	NA	NA	Literature : सुभाषचंद्र, इ. व. प्र. : निरंतरता, समतुल्यता Grammar : पूर्व-भारत, उत्तर-भारत, संत, संतानुता, शिवाजी, (संस्कृत में संत), अंग-साम्राज्य, शिवाजी (संस्कृत में संत)	1. Number System 2. Formula, Function and Chart
SEP2 (3 Hr) (Sc. & Eng)	06.07.24	Subjective	Measurements, Motion and Time (upto Graph)	General Chemistry (complete)	NA	Nutrition in organisms, Weather climate adaptation	NA	Reading Comprehension, Noun, Pronoun, Adjective, Essay writing, Notice writing	NA	NA	NA	NA
MSEP2 (1.5 Hr) (Hindi)	20.07.24	Subjective	NA	NA	NA	NA	NA	NA	NA	Lesson : 1 to 3 Grammar : पूर्व-भारत, उत्तर-भारत, संत (संस्कृत में संत), अंग-साम्राज्य (संस्कृत में संत)	NA	NA
OCT2 (2 Hr) (Sc./M./SST. E./MAT)	27.07.24	Objective	Motion & Time, Heat (till Units of Heat energy)	General Chemistry (from Atomic no.), Fibre to Fabric (till animal fibre-wool, wool bearing animals)	Integers, Fractions & Decimals, Rational numbers, Rational numbers, Lines and Angles, Triangles	Weather climate adaptation, Respiration	Tracing Changes through A thousand years, Environment, Equality in Indian Democracy, New Kings and Kingdoms, Inside our Earth, Delhi Sultans, Our Changing Earth, State Government and its Role in Health	Reading comprehension, Noun, Pronoun, Adjective, Idioms, Irregular verbs	Playing alphabets, Trains, magical figure, operate the problems, Words in problem	NA	NA	NA
SEP3 (3 Hr) (Maths & SST)	10.08.24	Subjective	NA	NA	Rational Numbers, Lines and Angles, Triangles, Congruency of Triangles, Exponents,	NA	Equality in Indian Democracy, New Kings and Kingdoms, Inside our Earth, Delhi Sultans, Our Changing Earth, State Government and its Role in Health, The Mughal Empire	NA	NA	NA	NA	NA
SEP4 (3 Hr) (Sc. & Eng)	24.08.24	Subjective	Measurement, Motion and time, Heat, Sound (upto Sound wave)	General Chemistry, Fibre to Fabric	NA	Respiration, Transportation	NA	Reading Comprehension, Report Writing, Speech writing, Adjective, Adverb, Tense, Conditionals, Idioms (All).	NA	NA	NA	NA

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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
360/360

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



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