

# Academic Planning & Test Grid

Periodic Test Type and No.	PT Date	Test Type	Physics	Chemistry	Mathematics	Biology	Social Science	English	Mental Ability
OPT-1 (2 Hr)	28.04.19	Objective	Motion and Measurement of Distance (Up to types of motion)	Matter & its Segregation (up to sedimentation and decantation)	Knowing our Numbers (up to addition)	Getting to know Plants (up to function of stem)	What, Where, How and When, The Earth in the Solar System	Parts of Speech, Reading Comprehension	Playing Alphabet, Number Game
OCT-1 (2 Hr)	19.05.19	Objective	Motion and Measurement of Distance, Force, Work & Energy (ill balanced and unbalanced force)	Matter & its Segregation	Knowing our Numbers, Whole Numbers (up to properties of division)	Getting to know Plants (up to modifications of leaf)	Understanding Diversity, The Earliest Societies, Maps: How they help us	Parts of Speech, Reading Comprehension, The Sentence, Noun	Playing Alphabet, Number Game, Magical Figure, Problem of Signs (BODMAS rule)
SEP-1 (3 Hr)	07.07.19	Subjective (Mains & SST)	NA	NA	Knowing our Numbers, Whole Numbers, Playing with Numbers	NA	What, Where, How and When, The Earth in the Solar System, Understanding Diversity, Maps: How they help us, Diversity and Discrimination, From Gathering to Growing Food	NA	NA
SEP-2 (3 Hr)	21.07.19	Subjective (Sc. & Eng)	Motion and Measurement of Distance, Force, Work & Energy, Simple Machine (Up to wedge and Screw)	Matter & its Segregation, Materials of daily use: Clothes	NA	Getting to know Plants, Food (up to balanced diet)	NA	Reading Comprehension, The Sentence, Noun, One Word Substitution (1-30), Pronoun, Articles, Verb, Message and Notice Writing	NA
OPT-2 (2 Hr)	11.08.19	Objective	Motion and Measurement of Distance (from types of motion), Force, Work & Energy, Simple Machine, Electricity and Circuit (Up to Electrical circuit)	Matter & its Segregation (From Loading to complete), Materials of daily use: Clothes, Classification & Diversity in Matter (up to Solubility)	Whole Numbers, Playing with Numbers, Integers, Fractions	Getting to know Plants, Food, Living Organisms & their Surroundings (up to respiration)	What is Government?, The First Cities: Harappan Civilisation, Motions of the Earth, Key Elements of a Democratic Government	Reading Comprehension, Noun, Pronoun, Verb, Adjective	Alphabet Game, Magical Figure, Problem of Signs, Mysterious Words, Follow the path, Magic Mystery, Similarity, Get the fish out of the water
OCT-2 (2 Hr)	01.09.19	Objective	Motion and Measurement of Distance, Force, Work & Energy, Simple Machine, Electricity and Circuit (Up to electric torch)	Matter & its Segregation, Materials of daily use: Clothes, Classification & Diversity in Matter	Knowing our Numbers, Whole Numbers, Playing with Numbers, Integers, Fractions, Decimals	Getting to know Plants, Food, Living Organisms & their Surroundings (up to adaptation in forest)	Motions of the Earth, Key Elements of a Democratic Government, Different ways of Living, Major domains of the Earth and Relief Features	Reading Comprehension, Noun, Pronoun, Verb, Adjective	Alphabet Game, Magical Figure, Problem of Signs, Mysterious Words, Follow the path, Magic Mystery, Similarity, Get the fish out of the water, Figure chain, Figure similarity
MT-1		Subjective							
OPT-3 (2 Hr)	20.10.19	Objective	Electricity and Circuit, Light Shadows and Reflection (Up to Characteristics of Light)	Classification & Diversity in Matter (From Texture to complete), World of Changes (up to physical and chemical changes)	Decimals, Introduction to Algebra, Ratio & Proportion (up to Dividing a whole in a given ratio)	Living Organisms and their Surroundings (from excretion to till complete)	Rural Administration (Panchayat Raj), Kingdoms, Kings & Early Republics, India: Our Country	Idioms and Phrases (1-25), Active and Passive Voice, Subject Verb Agreement	Figure chain, Figure similarity, Day after tomorrow, Look at the Mirror
OCT-3 (2 Hr)	10.11.19	Objective	Motion and Measurement of Distance, Force, Work & Energy, Simple Machine, Electricity and Circuit, Light Shadows and Reflection (Up to reflection of light)	Matter & its Segregation, Materials of daily use: Clothes, Classification & Diversity in Matter, World of Changes	Knowing our Numbers, Whole Numbers, Playing with Numbers, Integers, Fractions, Decimals, Introduction to Algebra, Ratio & Proportion, Basic Geometrical Ideas (up to collinear points, concurrent lines)	Getting to know Plants, Food, Living Organisms & their Surroundings, Body Movements in Animals (up to fish)	India: Our Country, Urban Local Self Govt., New Questions and Ideas, Jainism and Buddhism (up to Main teaching of Jainism & Buddhism)	Reading Comprehension, Subject Verb Agreement, Direct and Indirect Speech, Modals, Letter and Application writing, Pundulations	Playing Alphabet, Number Game, Alphabet Game, Magical Figure, Problem of Signs, Mysterious Words, Follow the path, Magic Mystery, Similarity, Get the fish out of the water, Figure chain, Figure similarity, Day after tomorrow, Look at the Mirror, Mixture (picture/food)
SEP-3 (3 Hr)	24.11.19	Subjective (Mains & SST)	NA	NA	Integers, Fractions, Decimals, Introduction to Algebra, Ratio & Proportion, Basic geometrical ideas	NA	Kingdoms, Kings and Early republics, India: Our Country, Urban Local Self Govt., New Questions and Ideas, Jainism and Buddhism	NA	NA
SEP-4 (3 Hr)	08.12.19	Subjective (Sc. & Eng)	Simple Machine (from Pulley, Wheel and axle), Electricity and Circuit, Light Shadows and Reflection, Fun with Magnet (up to types of substance)	Classification & Diversity in Matter, World of Changes	NA	Food (balanced diet/deficiency diseases), Living Organism and their Surroundings, Body Movements (up to joints)	India - Climate, The First Empire Ashoka, The Great, India: Natural Vegetation and Wildlife, Rural and Urban Livelihoods	Reading Comprehension, Active and Passive Voice, Subject Verb Agreement, Direct and Indirect Speech, Modals, Letter and Application writing, Pundulations	NA
OPT-4 (2 Hr)	12.01.20	Objective	Light Shadows and Reflection (from Some definition related to the light), Fun with Magnet	World of Changes, Importance of Air	Basic Geometrical Ideas, Understanding Elementary Shapes, Symmetry, Practical Geometry, Mensuration (up to Perimeter of square)	Body Movements, Garbage in liquid and gaseous waste)	India - Climate, The First Empire Ashoka, The Great, India: Natural Vegetation and Wildlife, Rural and Urban Livelihoods	Pundulations, Conjunctions, Phrasal Verbs (all), Preposition, Question tags	Day after tomorrow, Look at the Mirror, Mixture
OCT-1 (2 Hr)	02.02.20	Objective	Light Shadows and Reflection, Fun with Magnet, Universe	World of changes, Importance of Air, Elbow of life, Water	Ratio & Proportion, Basic Geometrical Ideas, Understanding Elementary Shapes, Symmetry, Practical Geometry, Mensuration	Living Organisms & their Surroundings, Body Movements, Garbage in Garbage out	NA	NA	similarity, Get the fish out of the water, Figure chain, Figure Similarity, Day after tomorrow, Look at the Mirror, Mixture
OCT-2 (2 Hr)	09.02.20	Objective	Motion and Measurement of Distance, Force, Work & Energy, Simple Machine, Electricity and Circuit, Light Shadows and Reflection, Fun with Magnet, Universe	Matter & its Segregation, Materials of daily use: Clothes, Classification & Diversity in Matter, World of Changes, Importance of Air, Elbow of life, Water	Knowing our Numbers, Whole Numbers, Playing with Numbers, Integers, Fractions, Decimals, Introduction to Algebra, Ratio & Proportion, Basic Geometrical Ideas, Understanding Elementary Shapes, Symmetry, Practical Geometry, Mensuration, Data Handling	Getting to know Plants, Food, Living Organisms and their Surroundings, Body Movements, Garbage in Garbage out	NA	NA	Alphabet Game, Magical Figure, Problem of Signs, Mysterious Words, Follow the path, Magic Mystery, Similarity, Get the fish out of the water, Figure chain, Figure similarity, Day after tomorrow, Look at the Mirror, Mixture
MT-2		Subjective							

Major Test Dates: 9th to 21st Sep 2019

Date of Reshuffling of Batches: 17.02.2019 | 30.09.2019

Major Test Dates: 10th to 18th Feb 2020



## REGULAR PROGRAM

Academic Session: 2019-2020

Course Commencement: 01.04.2019 | Course Ends: 18.02.2020

### 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 2019-20. 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: 464
- Duration of one lecture: 55 minutes
- Total Duration of Classroom Teaching: 425 hrs
- Total Duration of Testing: 54 hrs
- Total Academic Hours: 479 hrs

### HOLIDAYS / VACATIONS

- Resonance Foundation Day: 11<sup>th</sup> April 2019 | 2. Summer Break: 3<sup>rd</sup> to 16<sup>th</sup> June 2019 | 3. Independence Day: 15<sup>th</sup> August, 2019 | 4. Raksha Bandhan: 15<sup>th</sup> August, 2019 | 5. Anant Chaturdashi: 12<sup>th</sup> September, 2019 | 6. Dussehra: 8<sup>th</sup> October, 2019 | 7. Deepawali Holidays: 24<sup>th</sup> to 30<sup>th</sup> October, 2019 | 8. Winter Break: 23<sup>rd</sup> to 31<sup>st</sup> December, 2019 | 9. Makar Sankranti: 14<sup>th</sup> January 2020 | 10. Republic Day: 26<sup>th</sup> January, 2020. (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: 25<sup>th</sup> May, 2019 | 07<sup>th</sup> September, 2019 | 07<sup>th</sup> December, 2019 | 01<sup>st</sup> February, 2020

CALL: 0744-6635569, 0744-277769 | SMS: RESO PCCP at 56677

PCCP Head Office: CG TOWER-2, Plot No. A-51 (A), IPIA, Behind City Mall, Jhalawar Road, Kota (Raj.)-324005

E-mail: pccp@resonance.ac.in | Website: www.pccp.resonance.ac.in



Pre-foundation Career Care Programmes (PCCP) Division

# COURSE PLANNER

CLASS

6

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.

# SUBJECT WISE SYLLABUS PLAN

## MATHEMATICS

S.No.	Topic Name	No. of Classes
1.	Knowing our Numbers	10
2.	Whole Numbers	6
3.	Playing with numbers	12
4.	Integers	6
5.	Fractions	7
6.	Decimals	7
7.	Introduction to Algebra	6
8.	Ratio & proportion	6
9.	Basic geometrical ideas	7
10.	Understanding elementary shapes	8
11.	Symmetry	4
12.	Practical geometry	4
13.	Mensuration	8
14.	Data handling	7
15.	Revision	8
<b>Total</b>		<b>109</b>

## CHEMISTRY

S.No.	Topic Name	No. of Classes
1.	Matter & its Segregation	10
2.	Materials of daily use: Clothes	6
3.	Classification & Diversity In Matter	10
4.	World of Changes	8
5.	Importance of Air	8
6.	Elixir of Life - Water	6
7.	Revision	5
<b>Total</b>		<b>53</b>

## SOCIAL SCIENCE

S.No.	Topic Name	No. of Classes
1	"What, Where, How and When"	2
2	"The Earth in the solar system"	4
3	Understanding diversity	2
4	The Earliest Societies	3
5	Maps; How they help us	2
6	Diversity and Discrimination	2
7	From gathering to growing food	3
8	"Globe- A Model of Earth ( Latitudes and Longitudes)"	2
9	What is government?	2
10	"The First Cities: Harappan Civilisation"	4
11	Motions of the Earth	2
12	Key elements of a democratic government	3
13	Different ways of living	3
14	Major domains of the Earth and Relief features	4
15	"Rural Administration ( Panchayati Raj)"	4
16	"Kingdoms, Kings and Early republics"	3
17	India: Our Country	2
18	"Urban Local-Self Government"	3
19	New Questions and Ideas Upanishads, Jainism and Buddhism	5
20	India: Climate	2
21	"The First Empire Ashoka The Great"	3
22	"India : Natural Vegetation and Wildlife"	2
23	"Rural and Urban Livelihoods"	3
24	Life in towns and villages	3
25	Traders, Kings and Pilgrims and contact with distant lands	2
26	The New Empire and Kingdoms	4
27	Buildings, Paintings and Books	2
<b>Total</b>		<b>76</b>

## PHYSICS

S.No.	Topic Name	No. of Classes
1.	Motion and Measurement of Distance	8
2.	Force, work & Energy	9
3.	Simple Machine	8
4.	Electricity and circuit	9
5.	Light Shadows and Reflection	14
6.	Fun with magnet	11
7.	Universe	5
<b>Total</b>		<b>64</b>

## ENGLISH

S.No.	Topic Name	No. of Classes
1	Parts of Speech	2
2	Reading Comprehension	1
3	The Sentence	2
4	Noun	3
5	One Word Substitution	1
6	Pronoun	2
7	Articles	2
8	Verb	2
9	Synonyms and Antonyms	1
10	Message and Notice Writing	2
11	Adjective	3
12	Story Writing	1
13	Adverb	2
14	Tense	3
15	Spoken English Activity, Idioms and Phrases	2
16	Active and Passive Voice	2
17	Subject Verb Agreement	3
18	Direct and Indirect Speech	3
19	Modals	3
20	"Letter Writing", Application writing	2
21	Punctuations	1
22	Conjunctions	3
23	Phrasal Verbs	1
24	Spoken English Activity	1
25	Preposition	3
26	Question Tags	2
27	Irregular Verbs	2
28	Homophones, Spoken English Activity	3
29	Revision	7
<b>Total</b>		<b>65</b>

## BIOLOGY

S.No.	Topic Name	No. of Classes
1.	Getting to know plants	13
2.	Food	13
3.	Living organisms and their surroundings	17
4.	Body movements	14
5.	Garbage in garbage out	7
6.	Revision	4
<b>Total</b>		<b>68</b>

## MENTAL ABILITY

S.No.	Topic Name	No. of Classes
1	Playing Alphabet	1
2	Number Game	1
3	Alphabet Game	1
4	Magical Figure	2
5	Problem of Signs	2
6	Mysterious Words	2
7	Follow the path	1
8	Magic Mystery	2
9	Similarity	1
10	Get the fish out of the water	1
11	Figure Chain	1
12	Figure Similarity	1
13	Day after tomorrow	2
14	look at the mirror	1
15	Mixture	6
<b>Total</b>		<b>25</b>

## School Examination Preparatory (SEP) Sheet: Schedule

S.No.	Solve Date	Check Date	Test Syllabus					
			Physics	Chemistry	Mathematics	Biology	English	Social Science
1	1/4 to 27/4	29/4 to 4/5	Motion and Measurement of Distance		Knowing our Numbers		Parts of Speech, Noun	"When, Where and How + Understanding diversity"
2	29/4 to 18/5	20/5 to 25/5		Matter & its Segregation	Whole Numbers		Reading Comprehension, The Sentence	The Earth in the solar system+ The Earliest Societies + Diversity and discrimination
3	20/5 to 29/6	1/7 to 6/7	Force, work & Energy		Playing with numbers	Getting to know plants	One Word Substitution, Pronoun	Maps: How they help us + From gathering to growing food
4	1/7 to 13/7	29/7 to 3/8	Simple Machine				Verb, Synonyms and Antonyms	Globe- A Model of Earth (Latitudes and Longitudes)+ The First Cities: Harappan Civilisation
5	15/7 to 3/8	26/7 to 31/8		Materials of daily use: Clothes	Fractions		Articles, Message and Notice Writing	What is government? + Motions of the Earth+ Different ways of living
6	5/8 to 24/8	14/10 to 19/10	Electricity and circuit	Classification & Diversity In Matter	Decimals		Adjective, Story Writing	"Key elements of a democratic government. + Major domains of the Earth and Relief features"
7	26/8 to 7/9	4/11 to 9/11			Introduction to Algebra	Food	Adverb, Tense	Rural Administration (Panchayati Raj)
8	9/9 to 12/10	14/10 to 19/10			Ratio & proportion		Idioms & Phrases, Active & Passive Voice	Kingdoms, Kings and Early republics
9	14/10 to 2/11	4/11 to 9/11		World of Changes	Basic geometrical ideas		Direct & Indirect Speech,	India: Our Country + New Questions and Ideas Upanishads, Jainism and Buddhism
10	4/11 to 30/11	16/12 to 21/12	Light Shadows & Reflection		Understanding Elementary Shapes	Living organism & their surroundings	Modals,"Letter Writing",Application writing	Urban local self government+ India: Climate+India's Natural Vegetation & Wildlife
11	2/12 to 7/12	13/1 to 18/1		Importance of Air	Symmetry		Subject Verb Agreement, Punctuation	The First Empire Ashoka The Great + Rural and Urban Livelihoods
12	9/12 to 14/12	16/12 to 21/12	Fun with magnet		Practical geometry	Body movement	Conjunctions, Phrasal Verbs	Life in towns and villages + The New Empire and Kingdoms
13	16/12 to 11/1	13/1 to 18/1		Elixir of Life - Water	Mensuration		Preposition, Question tags	
14	13/1 to 1/2	3/2 to 8/2	Universe		Data handling	Garbage in garbage out	Homophones, Irregular Verbs	Traders, Kings and Pilgrims + Buildings, Paintings and Books