

Periodic Test Type and No.	Periodic Test Date	Test Type	Physics	Chemistry	Mathematics	Biology	Social Science	English	Mental Ability	
NP-1 (4 Hr)	02.02.2021	Objective	Class IX: Motion & Electricity (all Electric Circuits)	Class IX: Matter - 1: Structure of atom (all Atomic models) Class X: Chemical reaction and equations (all redox reaction)	Class X: Real Number, Class IX: Number System, Polynomials	Class X: Nutrition (all process of digestion) Class IX: Cell, Tissue	Power sharing, Resources and development, Rise of Nationalism in Europe, Development, I, II (Geography all)	NA	Alphabet test, coding-decoding, letter-letter coding, Letter number coding	
NCT-1 (4 Hr)	16.02.2021	Objective	Class IX: Force and Law of Motion (all Numerical based questions) Class X: Chemical Reaction and Equations (all redox reaction)	Class IX: Matter - 1: Structure of atom (all Atomic models) Class X: Chemical reaction, periodic table (up to Mendeleev periodic table)	Class X: Real Number, Polynomials, Introduction to Euclid Geometry, Lines and Angles	Class X: Nutrition, Respiration, Class IX: Cell, Tissue	Power Sharing, Resources and Development, The Rise of Nationalism in Europe, Development, I, II (History All)	NA	Alphabet test, coding-decoding, Number series, alphabet series, Letter repeating series, Missing term in figure	
NP-2 (3 Hr)	30.02.2021	Objective	Class IX: Gravitation and Fluids (all Numerical based questions) Class X: Chemical Reaction and Equations (all redox reaction)	Class IX: Matter - 1: Structure of atom (all Atomic models) Class X: Chemical reaction, periodic table (up to Mendeleev periodic table)	Class X: Polynomials, Linear equation in two variables, Quadratic equation	Class IX: Transportation (all working of heart) Class IX: Diversity, Improvement in food Resources	Sectors of Indian Economy, Nationalism in India, Democracy and diversity, The Making of a Global World - I (History All)	NA	Coding-decoding, Number series, alphabet series, Letter repeating series, Missing term in figure	
SEP-1 (3 Hr)	04.07.2021	Subjective (MATHS & SST)	NA	NA	Real Number, Polynomial, Linear equation in two variables	NA	Power sharing, Resource and development, The rise of Nationalism in Europe, Development, I, II (Geography, Agriculture, Resource-Agriculture, Democracy and Diversity)	NA	NA	
SEP-2 (3 Hr)	25.07.2021	Subjective (SC & Eng)	Electricity, Magnetic effect of electric current	Chemical reaction and equations, Periodic classification of elements, Acids, Bases and Salts	NA	Nutrition, Respiration, Transportation, Excretion	Topic : Reading comprehension, Subject verbs Reported Speech Pt. Out of row and P2, Fire and Ice, Determiners, story writing, article writing	NA	NA	
NCT-2 (4 Hr)	08.02.2021	Objective	Class IX: Work, Power and Energy Class X: Electricity, Magnetic effect of electric current, Source of energy	Class IX: Matter - 2: Structure of atom (after atomic models) Class X: Chemical reaction, periodic table (up to Mendeleev periodic table)	Class X: Real Number, Polynomial, Linear Equation in two Variables, Quadratic Equation, Similar Figures, Circle, Trigonometry, Height and Distance	Class X: Nutrition, Respiration, Transportation, Excretion, Control & Coordination	Power Sharing Resources and Development, The Rise of Nationalism in Europe, Development, I, II (History All)	NA	Alphabet test, coding-decoding, Number series, alphabet series, Letter repeating series, Letter repeating series, Missing term in figure, Mathematical operations, Direction series test, Billing arrangement, Railway, diagram, flowchart	
NP-3 (4 Hr)	05.02.2021	Objective	Class IX: Wave motion and Sound Class X: Magnetic effect of electric current (magnetic field to generate & Motor, in AC) (all Numerical based questions)	Class X: Acid Base and Salts (From chemical reaction and equations) (up to boron) Carbon and its Compounds (up to boron) and Chemical properties of carbon compounds)	Class X: Similar Figures, Circles, Trigonometry, Height and Distance, Area Class IX: Number System, Polynomials, Introduction to Coordinate Geometry, Quadrilaterals, Circles, Mensuration, Similar Solids, Areas of Parallelogram and Triangle	Class X: Nutrition, Respiration, Control & Coordination	Globalisation and the Indian Economy, Print culture and the modern world, Manufacturing Industries, Diffusion of the National Economy, Consumer Rights - I (Pt. Selective)	NA	Multiple choice questions, Direction series, Test, Story arrangement, Analogy, Classification, Pyramid test, Calendar, diagram, Syllogram, Analogy, Classification, Pyramid test, Calendar test, Dice test	
NCT-3 (4 Hr)	26.02.2021	Objective	Class X: Electricity, Magnetic Effect of Electric Current (Source of Energy), Light	Chemical reaction and equations, Acid base and salts, Metals and nonmetals	Class XI: Real Number, Polynomial, Linear Equation in two Variables, Quadratic Equation, Similar Figures, Circle, Trigonometry, Height and Distance Class IX: Number System, Polynomials, Introduction to Coordinate Geometry, Linear Equation in two Variables, Introduction to Euclid Geometry, Lines and Angles, Areas of Parallelogram and Triangle, Statistics, Probability	Class XI: Nutrition, Respiration, Control & Coordination	Full syllabus	NA	Alphabet test, coding-decoding, Number series, alphabet series, Letter repeating series, Letter repeating series, Missing term in figure, Mathematical operations, Direction series test, Billing arrangement, Railway, diagram, flowchart	
FS-1-1 (4 Hr)	03.10.2021	Objective	Full syllabus	Full syllabus	Full syllabus (except Arithmetic Progression)	Full syllabus	Full syllabus	NA	Full syllabus	
FS-2 (4 Hr)	10.10.2021	Objective	Full syllabus	Full syllabus	Full syllabus	Full syllabus	Full syllabus	NA	Full syllabus	
S-FS-1-1 (4 Hr)	13.10.2021	Objective	Full syllabus	Full syllabus	Full syllabus	Full syllabus	Full syllabus	NA	Full syllabus	
FS-3 (4 Hr)	17.10.2021	Objective	Full syllabus	Full syllabus	Full syllabus	Full syllabus	Full syllabus	NA	Full syllabus	
S-FS-2 (4 Hr)	20.10.2021	Objective	Full syllabus	Full syllabus	Full syllabus	Full syllabus	Full syllabus	NA	Full syllabus	
FS-4 (4 Hr)	24.10.2021	Objective	Full syllabus	Full syllabus	Full syllabus	Full syllabus	Full syllabus	NA	Full syllabus	
S-FS-3 (3 Hr)	27.10.2021	Objective	Full syllabus	Full syllabus	Full syllabus	Full syllabus	Full syllabus	NA	Full syllabus	
FS-5 (3 Hr)	31.10.2021	Objective	Full syllabus	Full syllabus	Full syllabus	Full syllabus	Full syllabus	NA	Full syllabus	
S-FS-4 (3 Hr)	03.11.2021	Objective	Full syllabus	Full syllabus	Full syllabus	Full syllabus	Full syllabus	NA	Full syllabus	
SEP-3 (3 Hr)	28.11.2021	Subjective (MATHS & SST)	NA	NA	Similar triangle, Circle, Area related to circles, Trigonometry, Height and Distance	Nutrition, Respiration, Transportation & Excretion, Control and coordination, How Do Organisms Reproduce, Heredity and Evolution, Our Environment	Development, Sectors of Indian Economy, The Making of a Global World, Gender, Religion and Caste, Agriculture, The Age of Industrialisation, Minerals and Energy Resources, Globalisation in Indian economy, Print culture, Manufacturing industries, Political parties.	NA	Letter writing, Story writing, Reading comprehension, Hundred chess (Part 1 and 2), Active and Passive voice, The tree that I love, The forest, P. 8, P. 9, P. 10	
SEP-4 (3 Hr)	05.12.2021	Subjective (SC & Eng)	Electricity, Magnetic effect of electric current	Acids, Bases and Salts, Metals and Nonmetals, carbon & its compound	NA	NA	The Making of a Global World, Gender, Religion and Caste, Agriculture, The Age of Industrialisation, Minerals and Energy resources, Political parties, Outcomes of democracy.	NA	Full syllabus	
SEP-5 (3 Hr)	19.12.2021	Subjective (MATHS & SST)	NA	NA	Surface area and volume, Statistics, Probability, Coordinate Geometry.	Nutrition, Respiration, Transportation & Excretion, Control and coordination, How Do Organisms Reproduce, Heredity and Evolution, Our Environment	NA	Full syllabus	Full syllabus	
SEP-6 (3 Hr)	02.01.2022	Subjective (SC & Eng)	Source of energy, Light	Chemical reaction and Equations, Periodic classification of elements, Acid base and salts, Metals and nonmetals, carbon & its compound	NA	NA	NA	NA	Full syllabus	Full syllabus
Pre Board-1		Subjective								
Pre Board-2		Subjective								

Mental Ability: 6th to 8th, Sep-2021
 Pre Board-1: 4th Jan to 6th Feb-2021 (Subject-wise Three Board Pattern Port Test Syllabus Paper)
 Pre Board-2: 8th Feb to 18th Feb-2021 (Subject-wise One Board Pattern Full Syllabus Test Paper)
Date of Reshuffling of Batches: 14.06.2021 | 27.09.2021



NTSE COURSE PLANNER

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

CLASS 10
Medium: English

REGULAR PROGRAM ▶ Academic Session: 2021-2022
Course Commencement: 05.04.2021 | Course Ends: 19.02.2022

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 2021-22. 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: 436
- Duration of one lecture: 50 minutes
- Total Duration of Classroom Teaching: 363 hrs
- Total Duration of Testing: 54 hrs
- Total Academic Hours: 417 hrs

HOLIDAYS / VACATIONS

- Resonance Foundation Day: 11th April 2021
- Summer Break: 31st May to 13th June 2021
- Independence Day: 15th August, 2021
- Raksha Bandhan: 22nd August, 2021
- Anant Chaturdashi: 19th September, 2021
- Dussehra: 15th October, 2021
- Deepawali Holidays: 1st to 07th November, 2021
- Winter Break: 20th to 26th December, 2021
- Makar Sankranti: 14th January 2022
- Republic Day: 26th January, 2022. (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: 29th May, 2021 | 04th September, 2021 | 27th November, 2021 | 22nd January, 2022
CALL: 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

SUBJECT WISE SYLLABUS PLAN

MATHEMATICS

S.No.	Topic Name	No. of Classes
1.	Real Number	8
2.	Polynomial	9
3.	Linear equation in two variables	8
4.	Quadratic equations	6
5.	Similar triangle	11
6.	Circles	4
7.	Trigonometry	8
8.	Heights and distances	3
9.	Area related to circles	4
10.	Surface area and volume	8
11.	Statistics	7
12.	Probability	3
13.	Coordinate geometry	8
14.	Arithmetic Progression	5
15.	Constructions	4
16.	Revision	33
Total		129

CHEMISTRY

S.No.	Topic Name	No. of Classes
1.	Chemical reaction and equation	7
2.	Periodic classification of elements	9
3.	Acids, Bases and salts	11
4.	Metals and Nonmetals	12
5.	Carbon and its compounds	17
6.	Revision	15
Total		71

PHYSICS

S.No.	Topic Name	No. of Classes
1	Electricity	15
2	Magnetic effect of electrical current	14
3	Source of Energy	5
4	Light	19
5	Revision	18
Total		71

ENGLISH

S.No.	Topic Name	No. of Classes
1	Tense	3
2	Reading Comprehension, A Letter to God	1
3	Nelson Mandela	2
4	P1- Dust of snow ,P2 - Fire and Ice,A triumph of Surgery	2
5	Subject Verb agreement	2
6	Two stories about flying (His First Flight)	1
7	Reported Speech	2
8	P3-A Tiger in the Zoo	1
9	P4- How to tell wild animals , Writing section	2
10	Determiners	2
11	Two stories about flying (Black aeroplane)	1
12	The thief's Story,The Midnight visitor	3
13	Modals	2
14	A Question of trust, From the diary of Anne Frank	3
15	P5-The Ball Poem,P6- Amanda	1
16	Footprints without feet	1
17	The Hundred dresses (Part-1,2)	2
18	Active and passive voice,P7- Animals	3
19	The making of a scientist	2
20	The Necklace	1
21	Prepositions, Connectors	3
22	Glimpses of India	2
23	P8- The trees,P9- Fog,Clauses	2
24	P10-The tale of Custard the dragon,P11- For Anne Gregory	1
25	The Hack Driver, Mijbil the otter,	4
26	Bholi, The Book that saved the Earth	4
27	Madam rides the bus	2
28	The sermon at Banares, The Proposal	3
Total		58

BIOLOGY

S.No.	Topic Name	No. of Classes
1.	Nutrition	7
2.	Respiration	5
3.	Transportation	7
4.	Excretion	5
5.	Control and coordination	10
6.	How Do Organisms Reproduce	9
7.	Heredity and Evolution	12
8.	Our Environment	2
9.	Management Of Natural Resources	1
10.	Revision	12
Total		70

SOCIAL SCIENCE

S.No.	Topic Name	No. of Classes
1	Power Sharing	2
2	Resources and Development	2
3	The Rise of Nationalism in Europe	4
4	Development	2
5	Federalism	2
6	Sectors of Indian Economy	2
7	Forest & Wild Life Resources	2
8	Nationalism in India	4
9	Democracy & Diversity	2
10	The Making of a Global World	4
11	Gender Religion and caste	2
12	Agriculture	2
13	The Age of Industrialisation	4
14	Minerals & Energy Resources	2
15	Money & Credit	3
16	Popular Struggles and Movements	2
17	Globalisation and the Indian Economy	3
18	Print Culture and the Modern World	4
19	Water Resources	1
20	Manufacturing Industries	3
21	Lifelines of the National Economy	2
22	Consumer Rights	2
23	Political Parties	3
24	Outcomes of Democracy	2
25	Challenges to Democracy	2
26	Revision	39
Total		102

MENTAL ABILITY

S.No.	Topic Name	No. of Classes
1	Alphabet test	2
2	coding-decoding	2
3	"Number series"	2
4	alphabet series	2
5	Letter repeating series	1
6	Missing term in figure	2
7	"Mathematical operations,Direction sense test"	3
8	"Sitting arrangement,Ranking & ordering"	3
9	Blood relation	1
10	Puzzle test	2
11	Venn diagram,Syllogism	3
12	Analogy,Classification	2
13	Pyramid test	1
14	Calendar test	2
15	Dice test,Cube test	2
16	clock test	2
17	"Figure partition & counting,Mirror image & Water image, Paper cutting & folding,Completion & formation of figure,Figure embedded"	2
18	Nonverbal series	1
19	Nonverbal analogy, Nonverbal classification	1
20	Logical sequence of words, Logical deduction	3
21	Arithmetical Reasoning, Vedic Maths	3
22	Revision	9
Total		51

School Examination Preparatory (SEP) Sheet: Schedule

S.No.	Solve Date	Check Date	Test Syllabus					
			Physics	Chemistry	Mathematics	Biology	English	Social Science
1	5/4 to 13/4	13/5 to 18/5			Real Number	Nutrition	Tense , Conditionals	Power Sharing, Resources and Development
2	15/4 to 27/4	03/6 to 08/6		Chemical Reactions and Equations	Polynomial	Respiration	A letter to God, Nelson Mandela, Dust of snow, Fire and Ice	The Rise of Nationalism in Europe, Development, Federalism
3	29/4 to 17/5	13/5 to 18/5	Electricity		Linear equation in two variables	Transportation	A tiger in the zoo,Two stories about flying (First Flight),Subject Verb agreement	Sectors of Indian Economy, Nationalist Movement in Indo China
4	13/5 to 18/5	03/6 to 8/06		Periodic Classification of elements	Quadratic equations	Excretion	Two stories about flying (The Black Aeroplane), Reported Speechs	Forest & Wild Life Resources, Nationalism in India
5	20/5 to 08/6	08/7 to 13/7	Magnetism	Acids, Bases and Salts	Similar triangle	Control and Co-ordination	How to tell wild animals,The ball poem, Determiners	Water Resources, Democracy & Diversity
6	24/6 to 29/6	22/7 to 27/7			Circles		Determiners From the diary of Anne Frank , Amanda, The Hundred Dresses Part. 1 and 2	The Making of a Global World, Gender Religion and caste
7	1/7 to 06/7	08/7 to 13/7		Metals & Nonmetals	Trigonometry	How Do Organisms Reproduce	Modals, Animals, Glimpses of India, Mijbil - The Otter,The Trees, Fog, Madam rides the bus	Agriculture, The Age of Industrialisation
8	08/7 to 13/7	22/7 to 27/7	Sources of Energy		Heights and distances		Writing section, Madam rides the bus, The Tale of Custard Dragon	Work, life and leisure: Cities in The Contemporary World
9	15/7 to 20/7	19/8 to 24/8			Area related to circles		Active and passive voice, The Sermon at Banares, For Anne Gregory	Minerals & Energy Resources, Money & Credit
10	22/7 to 3/8	30/9 to 5/10		Carbon and Its compounds	Surface area and volume		The Proposal, Prepositions, A Triumph of Surgery	Popular Struggles and Movements Globalisation and the Indian Economy
11	5/8 to 17/8	19/8 to 24/8			Statistics		The Thief's Story, Connectors, The Midnight visitor	Print Culture and the Modern World Consumer Rights, Manufacturing Industries
12	12/8 to 17/8	30/9 to 5/10			Probability	Heredity and Evolution	A Question of Trust, Footprints without feet,The making of scientist	Lifelines of the National Economy
13	19/8 to 31/8	19/11 to 30/11	Light		Coordinate geometry	Our Environment	Clauses	Political Parties, Novel Society & History
14	02/9 to 07/9	30/9 to 5/10			Arithmetic Progression	Management of Natural Resources	The Necklace,The hack driver, Bholi	Outcomes of Democracy
15	11/11 to 23/11	25/11 to 30/11			Constructions		The book that saved the earth	Challenges to Democracy