

CLASS X ENGLISH

Sl. No.	Month	No. of Working Days	Books	Content	Learning Outcomes	Activities to be Conducted	Examination
1	April	25	a) First Flight b) Footprints Without Feet c) Sample Papers	a) A Letter to God b) Dust of Snow c) Fire And Ice d) Nelson Mandela- A Long Walk to Freedom e) Integrated Grammar Practices f) A Triumph of Surgery g) Writing Skill- Letter to the Editor h) A Tiger in The Zoo i) Two Stories About Flying j) How To Tell Wild Animals k) The Ball Poem l) The Thief's Story m) The Midnight Visitor n) Writing Skills- Letter for Placing Order	a) To appreciate the protagonist's simplicity and undying faith in God/ humour b) To understand the relationship between man and nature c) To analyse the poet's fear of the negative impacts of extreme human passions d) To analyse Dr. Mandela's biography and appreciate the struggles in his life and career e) To apply concepts of tenses, determiners, subject-verb concord, modals and reported speech in sentences f) To appreciate the author's methods in nursing a dog back to health g) To compose a formal letter to the editor using the correct format and linguistic style h) To appreciate the need/desire for freedom prevalent in all living creatures i) To understand the importance of courage/ supernaturalism through two different short stories j) To appreciate physical characteristics of different wild animals/irony k) To appreciate a child's journey from innocence to experience through the loss of a ball l) To appreciate the importance of love and compassion in the shaping of lives m) To appreciate the protagonist's presence of mind through a fast-paced thriller n) To compose a formal letter to place order for various items, using the correct format and linguistic style	Reading, writing	
2	May	15	a) First Flight b) First Flight c) First Flight d) Sample Papers	a) From The Diary of Anne Frank b) Amanda! c) Glimpses of India d) Comprehension	a) To appreciate Anne Frank's style as an author and analyse the fragment of her school life b) To appreciate the woes of an introverted teenager/imagery c) To appreciate the diversity of our country through three vignettes d) To independently read and comprehend a passage not included in the prescribed textbooks	Reading, writing, comprehension	
3	June	17	a) First Flight b) Footprints Without Feet c) Sample Papers d) Sample Papers e) Sample Papers	a) The Trees b) A Question of Trust c) Integrated Grammar Practices d) Writing Skill- Data analysis e) Comprehension	a) To analyse the metaphor and appreciate the imagery b) To appreciate the twist in the plot in a tale of two thieves/author's literary style c) To apply concepts of tenses, determiners, subject-verb concord, modals and reported speech in sentences d) To compose a cohesive paragraph based on a graphical/tabular cue e) To independently read and comprehend a passage not included in the prescribed textbooks	Reading, writing, comprehension	
4	July	25	a) First Flight b) First Flight c) Footprints Without Feet d) Sample Papers e) First Flight	a) Mijbil the Otter b) Fog c) Footprints Without Feet d) Writing Skill- Paragraph writing e) Madam Rides the Bus	a) To appreciate the antics of an otter and analyse its similarities to a human child b) To comprehend the poetic devices used c) To critically appreciate the characterisation of Griffin through the series of crimes committed d) To compose a cohesive paragraph based on a verbal cue e) To appreciate the efforts made by a young girl to fulfil her dream	Reading, writing	PT 1 (July)
5	August	25	a) First Flight b) Footprints Without Feet c) Footprints Without Feet d) Sample Papers e) First Flight f) First Flight g) Footprints Without Feet	a) The Tale of Custard the Dragon b) The Making of a Scientist c) The Necklace d) Integrated Grammar Practices e) The Sermon at Benares f) For Anne Gregory g) Bholi	a) To appreciate the ballad form and comprehend moral learnt through events in the poem b) To analyse the life and early career of a young scientist, including the role of his mentors c) To understand the futility of vanity through Maupassant's classic tale d) To apply concepts of tenses, determiners, subject-verb concord, modals and reported speech in sentences e) To analyse the Buddha's sermon on death and suffering f) To appreciate the difference in the point of view of the poet and Anne Gregory on the true nature of love g) To comprehend Bholi's journey from a shy, neglected child to a strong, self-reliant woman/women's empowerment through education	Reading, writing, ASL	
6	September	23 (including PT2)	Sample Papers	a) Integrated Grammar Practices b) Comprehension	a) To apply concepts of tenses, determiners, subject-verb concord, modals and reported speech in sentences b) To independently read and comprehend a passage not included in the prescribed textbooks	Reading, writing	PT 2 (September)
7	October	19	a) First Flight b) Footprints Without Feet c) Sample Papers	a) The Proposal b) The Book That Saved the Earth c) Integrated Grammar Practices	a) To dramatise and appreciate Chekov's satire on marriages of convenience b) To dramatise and appreciate the confusion that may arise from differences of language and culture between races/humour c) To apply concepts of tenses, determiners, subject-verb concord, modals and reported speech in sentences	Role play, reading, writing	
8	November	24	Sample Papers	a) Writing Skill- Formal letters b) Comprehension	a) To compose a formal letter to address any given situation, using the correct format and linguistic style b) To independently read and comprehend a passage not included in the prescribed textbooks	Reading, writing, ASL	
9	December	23 (including Pre Board Examination)		Written and oral revision of the entire syllabus in preparation for Pre-Board Examination			PT 3/Pre-Board I (December)
10	January	24 (including Pre Board Examination)		Written and oral revision of the entire syllabus in preparation for Pre-Board Examination			Pre-Board II

N. B.: 1. The total number of working days per month may vary from school to school depending on their List of Holidays. The total number of working days include Internal Assessments and Test/ Examinations
2. Amendments to be applied as per CBSE guidelines.

Blueprint of Question Paper**40 marks**

Type of Question	Marks	No. of Questions	Total Marks
Very short answer type/ MCQ (Comprehension)	1	10	10
Very short answer type/ MCQ (Grammar)	1	5	5
Long answer type	5	1	5
Very short answer type/ MCQ (Extract based - Literature)	1	5	5
Short answer type (Literature)	3	2+1	9
Long answer type (Literature)	6	1	6

80 marks

Type of Question	Marks	No. of Questions	Total Marks
Very short answer type/ MCQ (Comprehension)	1	20	20
Very short answer type/ MCQ (Grammar)	1	10	10
Long answer type	5	2	10
Very short answer type/ MCQ (Extract based - Literature)	1	5+5	10
Short answer type (Literature)	3	4+2	18
Long answer type (Literature)	6	2	12

Syllabus**Periodic Test 2:****Comprehension****Grammar:** Tenses, determiners, modals, subject verb concord, reported speech**Writing skills:** Data analysis, formal letters**Literature:**

A Letter to God

Dust Of Snow

Fire And Ice

Nelson Mandela- A Long Walk to Freedom

A Triumph of Surgery

A Tiger in The Zoo

Two Stories About Flying

How To Tell Wild Animals

The Ball Poem

The Thief's Story

The Midnight Visitor

From The Diary of Anne Frank

Amanda!

Glimpses Of India

The Trees

A Question of Trust

Mijbil the Otter

Fog

Footprints Without Feet

Madam Rides the Bus

The Tale of Custard the Dragon

The Making of a Scientist

The Necklace

The Sermon at Benares

For Anne Gregory

Bholi

Pre-Board/Board:**Comprehension****Grammar:** Tenses, determiners, modals, subject verb concord, reported speech

CLASS X HINDI

Sl. No.	Month	No. of Working Days	Books	Content	Learning Outcomes	Activities to be Conducted	Examination
1	April	25	स्पर्श - भाग 2 व्याकरण स्पर्श - भाग 2	स्पर्श-साधी व्याकरण - पदबंध मुहावरे अपठित गद्यसंघ व्याकरण - औपचारिक पत्र स्पर्श- बड़े भाई साहब	'दैनिक जीवन में नैतिक मूल्यों का विकास' 'दैनिक जीवन में मुहावरों का प्रयोग अधिक सरल' 'पत्रों द्वारा दैनिक जीवन की विभिन्न स्थितियों में प्रभावी संवेचना क्षमता का विकास।' 'कर्मव्य-बोध होना।' 'बड़े भाई के सम्मान के भाव का विकास।' 'दैनिक जीवन में नैतिक मूल्यों का विकास'	ओडियो विलयन को सुनाकर पत्रों से वर्णपत्रक करवाया जाएगा। अपने बड़े भाईसाहब या बहन के साथ चर्चित किसी घटना का उत्प्रेषण एक कथित या आलेख के रूप में लिखें।	
2	May	15	व्याकरण स्पर्श - भाग 2 संघनन - भाग 2	व्याकरण- वाक्य र्णोत्तरण, (पदना के आधार पर), अनुच्छेद, सूचना स्पर्श- शीतल के पद, बिकारी के दोहे (पदना हेतु) मनुष्यता संघनन- हरिश्चर काक्य	'सूचना-विषय से जुड़ी संपूर्ण जानकारी को स्पष्ट व बोधगम्य भाषा व्यक्त करने की क्षमता का विकास।' 'ईश्वर के प्रति दैन्य व समर्पण का भाव जागृत करना।' 'इदय में परोपकार व सहानुभूति के भाव का विकास।'	गीत के किन्हीं दो पदों का संकलन करके सावित्र पत्र सीट पर लिखें। परोपकार विषय पर आधारित दोहों का संकलन करें। हरिश्चर काक्य पाठ के आधार पर समाज में सूर्यों के प्रति सुभाओं के कर्तव्यों पर सामूहिक परिचर्चा की जाएगी	
3	June	17	वीष्मावकाश				
4	July	25	व्याकरण स्पर्श - भाग 2	स्पर्श- झारकी का एक पन्ना ,श्रीप ,संतोष बानीरों का व्याकरण - समस्त लेखन-अनुच्छेद	'संगठित समाज कृतकल्प ही तो अस्तित्व को भी संभव कर सकता है।' 'जर्जर स्थितियों को तोड़ना ही समाज के विकास के लिए बेहतर है।... इस संदेश को स्पष्ट करना।' 'आत्मसंतुष्टि के भाव का विकास।' 'पदान्तरण लेखन का विकास।'	स्वाधीनता आंदोलनों में भाग लेने वाली किसी प्रसिद्ध महिला के विषय में सावित्र एक आलेख लिखें।	PT 1 (July)
5	August	25	व्याकरण स्पर्श - भाग 2 संघनन - भाग 2	स्पर्श- तीसरी कदम के शिल्पकार पर्वत प्रदेश में पावस, मिश्रित (केवल पदना), कर चले इम पिछा संघनन - सपनों के से दिन, लेखन-विज्ञापन लेखन, सपु कथा लेखन, ई-मेल लेखन	'जर्जर स्थितियों को तोड़ना ही समाज के विकास के लिए बेहतर है।... इस संदेश को स्पष्ट करना।' 'देश भक्ति की भावनाओं का विकास।' 'अपने अनुभवों को सूचनात्मक ढंग से व्यक्त करना।' 'बोधगम्य, शिष्ट,औपचारिक भाषा का विकास' 'रोचक व कल्पना शक्ति का विकास।'	परिवार के कुतुर्गों से चुनी हुई लोककथा को अपने हाथों में लिखें। दैनिक जीवन की घुर्तियों पर एक अनुच्छेद लिखें।	
6	September	23 (including PT2)		पुरावर्तन व सामयिक परीक्षा -2			PT 2 (September)
7	October	19	व्याकरण स्पर्श - भाग 2 संघनन - भाग 2	स्पर्श- अब कहाँ दुहरों के दुख से दुखी होने वाले, पताझर में टूटी पत्तियों, मधुर-मधुर मेरे दीपक जल (केवल पदना) संघनन- टोपी कुत्ता	'प्राणी मात्र के प्रति संवेदनाओं का विकास।' 'जीवन मूल्यों का विकास तथा तनाव मुक्त जीवन जीने की प्रेरणा का विकास।' 'मिहता में सर्वधर्म समन्वय की भावना का विकास।'	बन्ध संबंध केन्द्रों में हो रही पत्रुओं की देखरेख के विषय में जानकारी एकत्र कीजिए। जापान की टी सेरेमनी का विच बनाकर उत्सव वर्णन करें।	
8	November	24	व्याकरण स्पर्श - भाग 2 संघनन - भाग 2	स्पर्श- कारदूस आलबाग, पुरावर्तन	'देश भक्ति की भावनाओं का विकास।' 'निर्माकतापूर्वक अपने उत्पद्यवित्तों का पालन करने की भावना का विकास।'	एकमी व नाटक में अंतर स्पष्ट करते हुए कुछ नाटकों व एकांकिनों की सूची बनाइए।	
9	December	23 (including Pre Board Examination)	व्याकरण स्पर्श - भाग 2 संघनन - भाग 2				PT 3/Pre-Board I (December)
10	January	24 (including Pre Board Examination)	व्याकरण स्पर्श - भाग 2 संघनन - भाग 2				Pre-Board II

- N. B.: 1. The total number of working days per month may vary from school to school depending on their List of Holidays. The total number of working days include Internal Assessments and Test/ Examinations
 2. Teachers must insert a blueprint of the question papers for both 35/40 marks so that both students and teachers know how the paper comes and how it is to be set.
 3. Syllabus for various exams have to be added.
 4. Amendments to be applied as per CBSE guidelines.

Blueprint of Question Paper

40 marks

Type of Question	Marks	No. of Questions	Total Marks
अपठित गद्यसंघ		1	6
व्याकरण	3+3+2	3	8
पाठ्यपुस्तक- प्रश्नोत्तर	3	3	9
पाठ्यपुस्तक- प्रश्नोत्तर	4	1	4
संघनन	3	1	3
लेखन कौशल	5	2	10

PT 1 syllabus

- अपठित गद्यसंघ
- व्याकरण- पदबंध, वाक्य, मुहावरे
- पाठ्यपुस्तक- प्रश्नोत्तर
स्पर्श-(पाठ्य) बड़े भाई साहब,
, झारकी का एक पन्ना,
, संतोष बानीरों का व्याकरण,
पद-कबीर की साधी,
शीतल के पद,
संघनन- हरिश्चर काक्य
- लेखन कौशल - अनुच्छेद, औपचारिक पत्र ई-मेल

80 marks

Type of Question	Marks	No. of Questions	Total Marks
अपठित गद्यांश	1	5	5
अपठित गद्यांश	1	5	5
व्याकरण	4	4	16
पाठ्यपुस्तक- प्रश्नोत्तर (MCQ)	7	2	14
पाठ्यपुस्तक- प्रश्नोत्तर	3	4	12
संघटन	3	2	6
लेखन कौशल	5+5+5+4+3	5	22
PT-2 Examination Syllabus			
<p>1-अपठित गद्यांश 2-व्याकरण- पदबंध, वाक्य रूपांतरण, समास और मुहावरे 3-पाठ्यपुस्तक- प्रश्नोत्तर स्मर्श-(गद्य) बड़े भाई साहब, .झररी का एक पन्ना , .तारा वामीरो कथा, .तीसरी बरस के शिल्पकार वीरेंद्र, .पद्म-कबीर की साखी, .मीरा के पद, .मनुष्यता। संघटन- हरिहर काका .सपनों के से हित 4-लेखन कौशल - अनुरोध, औपचारिक पत्र, लघु कथा, सूचना, ईमेल तथा विज्ञापन।</p>			

CLASS X MATHEMATICS

Sl. No.	Month	No. of Working Days	Books	Content	Learning Outcomes	Activities to be Conducted	Examination
1	April	25	NCERT	Ch1. Real numbers Ch2. Polynomials	<p>The learner will be able to:</p> <ul style="list-style-type: none"> Generalise properties of numbers and relations among them which have been studied earlier to evolve results such as <ul style="list-style-type: none"> Euclid's Division Lemma Fundamental theorem of arithmetic Decimal expansion of rational numbers To apply them in solving problems related to real-life contexts The learner will be able to: <ul style="list-style-type: none"> Use algebraic and graphical method for finding zeroes of a polynomial Establish a relationship between the zeroes and coefficients of a polynomial Understand division algorithm for polynomials 		
				Ch3. Linear Equations in two variables	<p>Learner will be able to:</p> <ul style="list-style-type: none"> Use graphical and other methods in order to find the solutions of pairs of linear equations in two variables Understand substitution, elimination and cross-multiplication methods to find the solution of a pair of linear equations Form and solve linear equations based on daily life situations Differentiate between a quadratic polynomial and a quadratic equation Understand various strategies to find roots of a quadratic equation Will be able to determine the nature of roots of a given equation Find application of the concepts in everyday problems 	To check whether the given system of linear equations is consistent or inconsistent	
2	May	15	NCERT	Ch4. Quadratic equations	<ul style="list-style-type: none"> Identify the pattern that forms an A.P Will be able to find the terms of an A.P Will be able to find the sum of n terms of a given A.P Develops strategies to apply the concept of AP in daily life situations 	To make a graphical representation of the zeroes of a quadratic polynomial	
				Ch5. Arithmetic Progression	<ul style="list-style-type: none"> Identify the pattern that forms an A.P Will be able to find the terms of an A.P Will be able to find the sum of n terms of a given A.P Develops strategies to apply the concept of AP in daily life situations 	(i) To find the given sequence is an A.P or not. (ii) To find the sum of n terms of an A.P	
3	June	17					
4	July	25	NCERT	Ch6. Triangles	<ul style="list-style-type: none"> Uses reasoning in order to differentiate between congruent and similar figures Understand Basic Proportionality Theorem Prove Basic Proportionality Theorem Understand relationship between similarity and area of two triangles Understand the application of Pythagoras theorem 	To verify Basic Proportionality Theorem	PT 1 (July)
				Ch7. Co-ordinate Geometry	<p>The learner will be able to:</p> <ul style="list-style-type: none"> Find the distance between two points using their coordinates. Application of section formula and midpoint formula Area of a triangle if the co-ordinates of its vertices are given Understand the application of co-ordinate geometry in various fields 	To verify that the ratio of the areas of two similar triangles is equal to the ratio of the squares of their corresponding sides	
5	August	25	NCERT	Ch8. Introduction to trigonometry	<p>The learner will be able to:</p> <ul style="list-style-type: none"> Describe trigonometry in order to study the relationship between side and angle of a triangle Define and distinguish various trigonometric ratios in order to describe and verify sine, cosine, tangent, cosecant, secant, cotangent of an angle Use given trigonometric ratios in order to find and verify other trigonometric ratios/angles of the triangle Compare the trigonometric ratio of 90, 300, 450, 600, 900 in order to know and apply the value of specific angles Compute the trigonometric ratio of complementary angles in order to apply the values in mathematical problems Compute and apply trigonometric identities in order to simplify and solve mathematical problems 		
				Ch9. Application of Trigonometry	<p>The Learner will:</p> <ul style="list-style-type: none"> Identify line of sight in order to determine angle of elevation and angle of depression Determine all trigonometric ratios with respect to a given acute angle (of a right triangle) in order to use them in solving problems in daily life contexts like finding heights of different structures or distances from them. 		
6	September	23 (including PT2)	NCERT	Ch10. Circles	<p>After studying this lesson students will know</p> <ul style="list-style-type: none"> The circle and different terms associated with the circle Tangent and secant to the circle Proof of theorems related to tangent of a circle in order to determine number of tangents from the given points) Length of tangents from external point to the circle is always equal. How to apply the results and concepts of circle in the daily life problems 	To verify that the length of tangents drawn from an external point to a circle are equal by using paper folding	PT 2 (September)
				Ch12. Constructions	<p>Student will be able to:</p> <ul style="list-style-type: none"> List and execute steps of construction in order to divide a line segment in a given ratio Construct a triangle similar to a given triangle as per a given scale factor. Construct a pair of tangents from an external point to a circle and justify procedures 		
7	October	19	NCERT	Ch11. Area related to circles	<p>Students will be able to:</p> <ul style="list-style-type: none"> Describe the relationship between circumference and diameter of a circle in order to define Apply the concepts of circumference and area of in order to solve in for various circular objects in real life Describe sector and segment of a circle in order to differentiate between the two Describe minor and major sector of a circle in order to differentiate between the two Describe minor and major segment of a circle in order to differentiate between the two Apply the formula of area of sector and segment of a circle in order to compute the area of a specified region Calculate the length of an arc of a circle in order to comment whether it is the major arc or minor arc Calculate the area of various combinations of plane figures in order to apply the concepts of circles, quadrilaterals and triangles 		PT 3/ Pre-Board I (December)
				Ch.13. Surface area and volumes	<p>Learners are enabled to:</p> <ul style="list-style-type: none"> Visualize objects in surrounding as a combination of different solids like cylinder and a cone, cylinder and a hemisphere, combination of different cubes etc.in order to find their surface areas and volumes Apply formulas of surface area of 3D solids in order to derive the area of a new solid Apply formulas of volume of 3D solids in order to derive the volume of a new solid Apply formulas of volumes of 3d solids in order to derive the volume of the new converted solid Apply the formula of surface area of a cone in order to derive the area of the frustum Apply the formula of volume of a cone in order to derive the volume of the frustum Use concepts of surface areas and volumes for a variety of 3-D objects in order to apply into real life situations 	To find the Curved Surface Area of a cylinder formed by folding a rectangular sheet of paper (i) along its length (ii) along its breadth	
8	November	24	NCERT	Ch14. Statistics	<p>Students are capable of:</p> <ul style="list-style-type: none"> Applying direct method in order to calculate the mean of the grouped data Applying assumed mean method in order to calculate the mean for a grouped data Computing the mean and mode of the given data in order to interpret the two measures of central tendency Applying formula for the median of a given grouped data in order to calculate missing values of Frequency Differentiating between mean, median and mode with real life examples in order to understand most effective measure of central tendency in various cases Deriving the co-ordinates to plot on the graph in order to represent the two ogives Making graph of both ogives for the data obtained in order to determine the median of the given grouped data 		
				Ch15. Probability	<p>Students will be able to:</p> <ul style="list-style-type: none"> Differentiate between Empirical probability and theoretical probability in order to find the two for a variety of cases Calculate the probability of given events in an experiment in order to comment whether they are complementary events/Sure event/impossible event Represent using organized lists, tables, or tree diagrams in order to List the sample space for compound events Calculate the probability of various events in order to rank them from most to least probable 		
9	December	23 (including Pre Board Examination)			Written and oral revision of the entire syllabus in preparation for Pre-Board Examination		
10	January	24 (including Pre Board Examination)			Written and oral revision of the entire syllabus in preparation for Pre-Board Examination		Pre-Board II

N. B.: 1. The total number of working days per month may vary from school to school depending on their List of Holidays. The total number of working days include Internal Assessments and Test Examinations

2. Teachers must insert a blueprint of the question papers for both 35/40 marks so that both students and teachers know how the paper comes and how it is to be set.

3. Syllabus for various exams have to be added.
4. Amendments to be applied as per CBSE guidelines.

Blueprint of Question Paper

40 marks

Type of Question	Marks	No. of Questions	Total Marks
Multiple Choice	1	11	11
Short Answer Type (I)	2	3	6
Short Answer Type (II)	3	3	9
Long Answer Type	5	2	10
Case Study Based	4	1	4

80 marks

Type of Question	Marks	No. of Questions	Total Marks
Multiple Choice	1	20	20
Short Answer Type (I)	2	5	10
Short Answer Type (II)	3	6	18
Long Answer Type	5	4	20
Case Study Based	4	3	12

CLASS X SCIENCE

Sl. No.	Month	No. of Working Days	Books	Content	Learning Outcomes	Activities to be Conducted	Examination
1	April	25	NCERT TEXT BOOK PRACTICAL MANUAL NCERT EXEMPLAR PROBLEMS	<p>PHY: Ch-10 Light/Reflection and Refraction(Reflection, Laws of reflection, Characteristics of images formed by plane mirror, Spherical mirrors-terms related to spherical mirrors, Rules for tracing images formed by spherical mirrors.)</p> <p>CHE: Ch.1 Chemical Reactions & Equations Characteristics of Chemical Reaction,Chemical Equations</p> <p>BIO:Ch 6 Life Processes: Basic concept of different life processes ; nutrition and respiration in human beings PHY: Ch-10 Light (Image formation by a concave mirror in different positions of the object, image formation by convex mirror)</p> <p>CHE: Ch.1 Chemical Reactions & Equations(Steps to write chemical equation, Balancing Chemical Equations)</p> <p>BIO:Ch-6 Life processes contd. Transportation and excretion in plants and animals Discussion of exercise questions. Ch- 7 Control and Coordination Introduction; Reflex Action and reflex arc; Parts of Human Brain and their functions</p>	<p>LWBAT Verifies laws of reflection</p> <p>Recognise concave and convex mirror</p> <p>Locate pole and centre of curvature of the mirror</p> <p>Calculate the radius of curvature and focal length of the mirror</p> <p>Locate pole, focus and centre of curvature.</p> <p>Integrates the Law of conservation of mass in representing chemical reactions into symbolic forms</p> <p>Understand different life processes in living beings</p> <p>Analyse the process of photosynthesis in plants, nutrition and respiration in humans LWBAT</p> <p>Draw the path of reflected ray.</p> <p>Apply laws of reflection in tracing the path of ray</p> <p>Gain the skill of Chemical equations of chemical reactions</p> <p>Categorises the given reactions into Combination, Decomposition, Displacement, Double Displacement reactions</p> <p>Understand structure associated with the process of respiration in human beings. Draw labelled diagrams of circulatory and excretory system Exhibits creativity in designing models using eco-friendly resources, such as working model of circulatory and excretory systems. Study and Analyse parts of Human Brains and their Functions.</p>	<p>Term I Activities: Multiple Assessment Activity (Worksheet/PPT/Model/Collage/Chart) Portfolio Class work copy Enrichment Activity (Practical copy work) Determination of the focal length of Concave mirror by obtaining the image of a distant object Preparing a temporary mount of a leaf peel to show stomata. Experimentally show that carbon dioxide is given out during respiration. Experimentally show that carbon dioxide is given out during respiration.</p>	
2	May	15	NCERT TEXT BOOK PRACTICAL MANUAL NCERT EXEMPLAR PROBLEMS	<p>Phy: Ch10-Light (Mirror Formula Magnification formula for mirrors Refraction & Laws of refraction, Refractive Index, Spherical lens- Convex & Concave lens. Refraction by Spherical lens, some important terms related to spherical lens image formation, Lens formula, Linear magnification by lens, power of lens)</p> <p>Chem: Ch.1 Chemical Reactions & Equations (Types of Chemical reactions, Combination reaction, decomposition reaction, displacement reaction, double displacement reaction, redox reaction, Corrosion and rancidity)</p> <p>Bio:Ch- 7 Control and Coordination Contd. Tropic movements in plants; Introduction of plant hormones and their functions.</p>	<p>LWBAT Trace the path of light ray through a glass slab</p> <p>Illustrate the path of incident & reflected light rays from a convex lens and a concave lens. Apply the sign convention rules for writing the values of u v and f</p> <p>Solve numerical problems based on refractive index.</p> <p>Draw ray diagrams for concave and convex lenses.</p> <p>Categorises the given reactions into Combination, Decomposition, Displacement, Double Displacement reactions and Redox Reactions</p> <p>Understand the basic concept of co-ordination in plants through phytohormones.</p>	<p>Determination of the focal length of Convex lens by obtaining the image of a distant object</p> <p>Finding the image distance for varying object distances in the case of a convex lens and drawing corresponding ray diagrams to show the nature of the image formed.</p> <p>Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, and angle of emergence and interpret the result.</p> <p>Performing and observing the following reactions and classify them into:</p> <p>A. Combination reaction B. Decomposition reaction C. Displacement reaction D. Double displacement reaction (i) Action of water on quicklime (ii) Action of heat on ferrous sulphate crystals (iii) Iron nails kept in copper sulphate solution (iv) Reaction between sodium sulphate and barium chloride solutions</p>	
3	June	17		Note : (May Month syllabus could be completed in these working days)			

4	July	25	<p>Phy:Ch11 Ch Human eye and the colourful world (Human Eye, Defects of vision and their correction, Refraction through Prism, Dispersion, Atmospheric refraction, Scattering of light)</p> <p>CHE: 2. Acids, Bases & Salts(Introduction- Understanding the physical and chemical properties of acids and bases, types of indicators PH and its importance in everyday life More about Salts like bleaching powder, baking soda, Washing soda, POP) BIO: Ch 7 -Control and Coordination Control and co-ordination in animals: Hormons in Animals; Human Endocrine glands, their secretions and functions. Discussion of exercise questions Ch 8 -How Do Organisms Reproduce? Brief Introduction; Importance of Variations</p>	<p>LWBAT Examine the path of light rays through a prism, in order to determine how light gets deviated when travelling through a prism.</p> <p>Trace the path of white light rays through a prism, in order to determine that white light is made of seven colours.</p> <p>Elaborate the process of atmospheric refraction, in order to understand natural phenomena, like twinkling of stars and advance sunrise and delayed sunset.</p> <p>Explain the process of scattering of light, in order to understand natural phenomena, like Tyndall effect, blue colour of the sky & red colour of sun at sunrise & sunset</p> <p>Recalls and differentiates the given substances as acids & bases based on any three chemical properties</p> <p>Categorises the given substances into natural & synthetic indicators based on any one property</p> <p>Summarise the two chemical properties of Acids which are not shown by bases</p> <p>Focus on any two necessary conditions essential for the dilution of acids & bases</p> <p>Understand the role of the nervous system, hormonal system by endocrine glands of the body in human beings.</p>	<p>Tracing the path of the rays of light through a glass prism.</p> <p>Finding the pH of the following samples by using pH paper/universal indicator: (not included for this academic year)</p> <p>(i) Dilute Hydrochloric Acid (ii) Dilute NaOH solution (iii) Dilute Ethanoic Acid solution (iv) Lemon juice (v) Water (vi) Dilute Hydrogen Carbonate solution</p> <p>Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with:</p> <p>a) Litmus solution (Blue/Red) b) Zinc metal c) Solid sodium carbonate</p> <p>Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions: i) ZnSO₄(aq) ii) FeSO₄(aq) iii) CuSO₄(aq) iv) Al₂(SO₄)₃(aq)</p> <p>Arranging Zn, Fe, Cu and Al (metals) in decreasing order of reactivity based on the above result.</p>	PT 1 (July)
5	August	25	<p>PHY: Ch12 Electricity (Electric current and circuit, Electric potential and potential difference, Ohm's Law factors on which the resistance of a conductor depends, resistance of a system of resistors, Heating effect of electric current, Electric power)</p> <p>CHE: 3. Metals & Non-Metals (Introduction- Physical and chemical properties of metals and non-metals, metallurgical processes, Corrosion and its prevention) BIO: Ch 8 –How do organisms reproduce contd. Reproduction in animals and plants (asexual and sexual); reproductive health - need and methods of family planning. Safe sex vs HIV/AIDS. Child bearing and women's health. Discussion of exercise questions</p>	<p>LWBAT: To plan and conduct Ohm's law experiment to verify the facts.</p> <p>Distinguish between Resistance and Resistivity.</p> <p>Calculate using the data given resistance of a system of resistors.</p> <p>To solve the in-text, exercise and related questions of the concept learnt.</p> <p>Calculate the heat produced due to flow of electric current.</p> <p>Outline the observations & conclusions of various activities based on the properties of Metals and non metals.</p> <p>Compare the chemical properties of metals and nonmetals from child's own interpretation & reasoning</p> <p>Understands the difference between Calcination and Roasting</p> <p>Arrives at conclusions based on observations and the reactivity nature of various metals using Olabs</p> <p>Explains the process of rusting of iron and prevention of corrosion.</p> <p>Develop scientific awareness about reproduction in living things.</p> <p>Sensitize about the importance of reproductive health and significance of family planning.</p>	<p>Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also, plotting a graph between V and I.</p> <p>Determination of the equivalent resistance of two resistors when connected in series and parallel.</p> <p>To Study:- (a) binary fission in Amoeba and (b) budding in yeast and Hydra with the help of prepared slides.</p> <p>Identification of the different parts of an embryo of a dicot seed</p>	PT 1 (July)
6	September	23 (including PT2)	Revision of Term1 For Physics ,Chemistry and Bio			PT 2 (September)
7	October	19	<p>CH 13 Magnetic effects of Electric Current (Magnetic field and field lines Magnetic Field due to a current carrying conductor, Right Hand Thumb Rule, Force acting on a current carrying conductor when kept in a magnetic field.)</p> <p>CHEM: 4. Carbon & its Compounds (Bonding in carbon and in other molecules, Versatile nature of carbon, Saturated and unsaturated hydrocarbons, Nomenclature)</p> <p>Ch 9- Heredity and Evolution Heredity; Mendel's contribution- Laws for inheritance of traits; Sex determination; brief introduction: evolution; evolution and classification; fossils Discussion of exercise questions</p>	<p>LWBAT: Draw magnetic field lines for a bar magnet</p> <p>Draw magnetic field lines for at current carrying circular loop</p> <p>Apply the right hand thumb rule for finding out the direction of magnetic field for a current carrying conductor.</p> <p>Able to differentiate between Ionic bond and Covalent bond</p> <p>Understands the difference between single, double and triple covalent bonds.</p> <p>Arrives at conclusions based on observations and the structures of ring structures like benzene using Olabs</p> <p>Explains the rules of nomenclature of Functional groups</p> <p>Differentiates between homologous series of alkanes, alkenes and alkynes</p> <p>Classifies Newlands' law of Octaves.</p> <p>Differentiates between modern periodic table and Mendeleev's periodic table</p> <p>Develop basic understanding of heredity; Comprehend Laws of Inheritance given by Gregor Mendel</p> <p>Understand the basic mechanism of sex determination in human beings and evolution</p>	<p>Term II Activities: Multiple Assessment Activity (Worksheet/PPT/Model/Collage/Chart) Portfolio Class work copy Enrichment Activity (Practical copy work)</p> <p>Study of the following properties of acetic acid (ethanoic acid):</p> <p>i) Odour ii) Solubility in water iii) Effect on litmus iv) Reaction with Sodium Hydrogen Carbonate</p>	

8	November	24	NCERT TEXT BOOK PRACTICAL MANUAL NCERT EXEMPLAR PROBLEMS	CH 13 Magnetic effects of Electric Current (Electromagnetic Induction, Domestic Electric Circuits Ch.14 Sources of energy: Non Conventional Sources of energy; characteristics of ideal fuel;disadvantages of burning fossil fuels. CHEM: 4. Carbon & its Compounds Chemical properties of carbon and its compounds, Soaps and detergents) Ch-5 Periodic Classification of Elements: (Dobereiner's Triads, Newlands' Law of Octaves, Mendeleev's periodic table, The Modern Periodic table) Ch-15. Our Environment Eco-system, Environmental problems, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable substances Ch- 16 Management of Natural Resources General talk on the Topic Discussion and presentation of Project work on Management of Natural resources	Understand the characteristics of domestic electrical circuits Classify difference sources of energy on the basis of accessibility, cost, transportation and storage, in order to identify a 'good' source of energy Classifies Newlands' law of Octaves. Differentiates between modern periodic table and Mendeleev's periodic table Recall concept of environment, ecosystem and food web Realise and understand prevailing environmental issues and their possible mitigation measures.	Study of the comparative cleaning capacity of a sample of soap in soft and hard water. Discussion and presentation of Project work on Management of Natural resources			
9	December	23 (including Pre Board Examination)					PT 3/Pre-Board I (December)		
10	January	24 (including Pre Board Examination)					Pre-Board II		

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 3. Syllabus for various exams have to be added.
 4. Amendments to be applied as per CBSE guidelines.

Blueprint of Question Paper

40 marks

Type of Question	Marks	No. of Questions	Total Marks
SECTION A	1 MARKER	1+4+3=8	1X8=8
SECTION B	2 MARKER	1+1+0=2	2X2=4
SECTION C	3 MARKER	2+1+1=4	3X4=12
SECTION D	4 MARKER	1+1+2=4	4X4=16

80 marks

Type of Question	Marks	No. of Questions	Total Marks
SECTION A	1 MARKER	20	1X20=20
SECTION B	2 MARKER	6	2X6=12
SECTION C	3 MARKER	7	3X7=21
SECTION D	5 MARKER	3	5X3=15
SECTION E	4 MARKER	3	3X4=12

SYLLABUS FOR MID TERM EXAM

CH1 CHEMICAL REACTIONS AND EQUATIONS
 CH2 ACIDS BASES AND SALTS
 CH6 LIFE PROCESSES
 CH7 CONTROL AND COORDINATE
 CH 8 HOW DO ORGANISMS REPRODUCE
 CH 10 LIGHT
 CH-11 HUMAN EYE AND COLOURFUL WORLD
 CH-12 ELECTRICITY

SYLLABUS FOR BOARD EXAM

Chapter 1 – Chemical Reactions and Equations
 Chapter 2 – Acids, Bases and Salts
 Chapter 3 – Metals and Non-metals
 Chapter 4 – Carbon and Its Compounds
 Chapter 5 – Periodic Classification of Elements
 Chapter 6 – Life Processes
 Chapter 7 – Control and Coordination
 Chapter 8 – How do Organisms Reproduce?
 Chapter 9 – Heredity and Evolution
 Chapter 10 – Light Reflection and Refraction
 Chapter 11 – Human Eye and Colourful World
 Chapter 12 – Electricity
 Chapter 13 – Magnetic Effects of Electric Current
 Chapter 14 – Sources of Energy
 Chapter 15 – Our Environment
 Chapter 16 – Sustainable Management of Natural Resources

CLASS X SOCIAL STUDIES

Sl. No.	Month	No. of Working Days	Books	Content	Learning Outcomes	Activities to be Conducted	Examination
1	April	25	1. India and the Contemporary World-II (History) - Published by NCERT 2. Contemporary India II (Geography) - Published by NCERT	1. The Rise of Nationalism in Europe 2. Resources and Development 3. Power Sharing 4. Development	a. To trace the origin and growth of Nationalism, different phases of National Movement in different regions of Europe in the 18th and 19th century, analyze the ideas of different social and political group and revolutionaries. b. Understand the importance of natural resources with reference to soil types in India. Understand the ability and knowledge of how land conservation and management relate to the economy and environment, both currently and in the future c. Understand the importance of power sharing in Democracy Comprehend the impact of majority rule in democracy.d. Identify and Analyze the meaning of development for society and individual	Debate on use of resources for sustainable development	
2	May	15	3. Democratic Politics II (Political Science) - Published by NCERT	5. Nationalism in India...CONT 6. Forest and Wildlife	a. To trace the origin and growth of Nationalism, understand the economic and social situation created by the First World War, focus on different phases of National Movement, analyze the ideas of different social and political group. b. Understand the importance of forests and wild life. Understand the ability and knowledge of how forest and wildlife conservation and management relate to the economy and environment, both currently and in the future	Group discussion on contribution of nationalist leaders	
3	June	17	4. Understanding Economic Development - Published by NCERT	Nationalism in India...Concluded 7. Water Resources 8. Sectors of the Indian Economy 9. Federalism	a. Comprehend the importance of water as a resource as well as develop awareness towards its judicious use and conservation. b. Identify major employment generating sectors. Reason out the government investment in different sectors of economy. c. Analyze federal provisions and institutions. Explain decentralization in rural and urban areas	Project on consumer awareness.(File)	
4	July (including PT 1)	25		10. The Making of a Global World 11. Agriculture 12. Money and Credit 13. Gender, Religion and Caste	a. Analyze the factors leading to globalization, discuss the changing pattern of society and economy and the role of technology therein , examine the post World War II settlements.b. Explain the importance of agriculture in national economy. b. Identify various types of farming and discuss the various farming methods; describe the spatial distribution of major crops as well as understand the relationship between rainfall regimes and cropping pattern. Explain various government policies for institutional as well as technological reforms since independence. c. Identify the importance of money as a medium of exchange, recognize the modern forms of money, understand the terms of credit and function of SHG groups. d. Identify and analyze the challenges posed by communalism to Indian democracy. Recognize the enabling and disabling effects of caste and ethnicity in politics. Develop a gender perspective on politics.		PT 1 (July)
5	August	25		14. Minerals and Energy Resources 15. Political Parties	a. Knowledge about modes of occurrence of mineral and energy resources , list the major mineral belts in India , understand the need for conserving minerals and energy resources b. Understand the meaning and functions and importance of political parties, compare the different types of Party systems in India, identify the challenges faced and need to reform Political Parties.		
6	September (including PT2)	23 (including PT2)		16. Manufacturing Industries 17. Outcomes of Democracy	a. To understand the process and importance of manufacturing, list the factors contributing to the location of industries , understand the classification and types of industries and relate between industrial development and increase in pollution b. Discuss the importance of democracy, analyze the role of democracy in economic growth and in reduction of poverty, Examine the importance of people's participation in democracy. Expect democracy to be accountable.		PT 2 (September)
7	October	19		18. The Age of Industrialization 19. Globalization and the Indian Economy	a. Assess the situation in England before the Industrial Revolution , identify the technological advances and the pace of industrial change in Britain, examine the trade of Indian textiles and understand the peculiarity of industrial growth. b. Analyze the production process across the countries, describe the integration of market by foreign trade, discuss the impact of liberalization,function of WTO,impact of Globalisation on India, role of government in ensuring fair globalization		
8	November (including PT 3)	24		20. Print Culture and the Modern World 21. Life Lines of National Economy	a. Assess the method of writing in ancient age, identify the advances in printing technology and it's expansion ,impact of mechanical printing in increasing readership in Europe and India. b. List the different means of transport and communication, understand their importance in country's progress. Identify the factors affecting the construction of railways and appreciate the tourism industry in India.		
9	December	23 (including Pre Board Examination)		Revision		Written and oral revision of the entire syllabus for Pre- Board Examination	PT 3/Pre-Board I (December)
10	January	24 (including Pre Board Examination)		Revision		Written and oral revision of the entire syllabus for Pre- Board Examination	Pre-Board II

N. B.: 1. The total number of working days per month may vary from school to school depending on their List of Holidays. The total number of working days include Internal Assessments and Test/ Examinations
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3. Syllabus for various exams have to be added.
4. Amendments to be applied as per CBSE guidelines.

Blueprint of Question Paper

40 marks

Type of Question	No. of Questions	Total Marks
Very short answer type/ MCQ	10	10
Very short answer type	2	4

Short answer type		2	6
Long answer type		2	10
Case based question		2	6
Map skill		2	4

80 marks

Type of Question	No. of Questions	Total Marks
Very short answer type/ MCQ	20	20
Very short answer type	4	8
Short answer type	5	15
Long answer type	4	20
Case based question	3	12
Map skill	2	5

Syllabus for Periodic Test 2 :

1	The Rise of Nationalism in Europe
2	Nationalism in India
3	The Making of a Global World
4	Resources and Development
5	Forest and Wildlife
6	Water Resources
7	Agriculture
8	Power Sharing
9	Federalism
10	Gender, Religion and Caste
11	Development
12	Sectors of the Indian Economy

Syllabus for PreBoard/Board Examination:

1	The Rise of Nationalism in Europe
2	Nationalism in India
3	The Making of a Global World
4	The Age of Industrialization
5	Print Culture and the Modern World
6	Resources and Development
7	Forest and Wildlife
8	Water Resources
9	Agriculture
10	Minerals and Energy Resources
11	Manufacturing Industries
12	Life Lines of National Economy
13	Power Sharing
14	Federalism
15	Gender, Religion and Caste
16	Political Parties
17	Outcomes of Democracy
18	Development
19	Sectors of the Indian Economy
20	Money and Credit
21	Globalization and the Indian Economy

CLASS X INFORMATION TECHNOLOGY

Sl. No.	Month	No. of Working Days	Books	Content	Learning Outcomes	Activities to be Conducted	Examination
1	April	25	NCERT	Unit 1 Communication Skills – II Unit 1 Digital Documentation (Advanced)	<p>Methods of communication Verbal communication Non-verbal communication Communication Cycle and Importance of feedback Barriers of effective communication Writing Skills – Part of Speech Writing Skills – Sentences</p> <p>1. Create and Apply Styles in digital document</p> <ul style="list-style-type: none"> o Styles/ categories in Word Processor o Using the Styles and Formatting window o Using Fill Format o Creating and updating new styles from a selection o Load style from a template or another document o Creating a new style using drag-and-drop o Applying styles <p>2. Insert and use images in digital document</p> <ul style="list-style-type: none"> o Options to insert images to document from various sources. o Options to modify, resize crop and delete an image o Creating drawing objects, setting or changing its properties o Resizing and grouping drawing objects o Positioning image in the text <p>3. Create and use the template</p> <ul style="list-style-type: none"> o Templates o Using predefined template o Creating a template o Set up a custom template as the default o Editing a template o Changing to a different template o Updating a Document <p>4. Create and customize the table of contents</p> <ul style="list-style-type: none"> o Table of contents o Hierarchy of headings o Customization of the table of contents o Character styles o Maintaining a table of contents <p>5. Advance concept of mail merge in word processing</p> <ul style="list-style-type: none"> o Creating the main document o Creating the data source o Entering data in the fields o Merging the data source with the main document o Editing individual documents o Printing a letter and its address label 	PPT BASED ON THE RELATED TOPIC PRACTICAL	
2	May	15	NCERT	Unit 2 Self Management Skills – II	<p>Stress Management</p> <p>Self-awareness — Strength and Weakness Analysis</p> <p>Self-motivation</p> <p>Self-regulation — Goal Setting</p> <p>Self-regulation — Time Management</p>	PPT BASED ON THE RELATED TOPIC	
3	June	17	NCERT	Unit 2 electronic Spreadsheet (Advanced)	<p>1. Analyse data using scenarios and goal seek</p> <ul style="list-style-type: none"> o Using consolidating data o Creating subtotals o Using "what if" scenarios o Using "what if" tools o Using goal seek and solver <p>2. Link data and spreadsheets</p> <ul style="list-style-type: none"> o Setting up multiple sheets o Creating reference to other sheets by using keyboard and mouse. o Creating reference to other document by using keyboard and mouse o Relative and absolute hyperlinks o Hyperlinks – Linking to external data & registered data sources o 3. Share and review a spreadsheet o Setting up a spreadsheet for sharing o Opening and saving a shared spreadsheet. o Recording changes o Add, Edit and Format the comments o Reviewing changes – view, accept or reject changes. o Merging and comparing <p>4. Create and Use Macros in spreadsheet</p> <ul style="list-style-type: none"> o Using the macro recorder o Creating a simple macro o Using a macro as a function o Discuss Passing arguments to a macro o Discuss Passing the arguments' area values o Discuss Macros to work like built-in functions o Accessing cells directly o Sorting the columns using macro 	PRACTICAL	
4	July	25	NCERT	Unit 3 ICT Skills – II	<p>Information and Communication Technology Skills</p> <p>Basic Computer Operations</p> <p>Performing Basic File Operations</p> <p>Computer Care and Maintenance</p> <p>Computer Security and Privacy</p>	PPT BASED ON THE RELATED TOPIC	PT 1 (July)

5 August	25	NCERT	Unit 3 Database Management System	<ul style="list-style-type: none"> 1. Appreciate the concept of a Database Management System <ul style="list-style-type: none"> o Concept and examples of data and information o Concept of database o Advantages of database o Features of database o Concept and examples of Relational database o Concept and examples of field, record, table, database o Concept and examples of Primary key, composite primary key, foreign key o Relational Database management system (RDBMS) software 2. Create and edit tables using wizard and SQL commands <ul style="list-style-type: none"> o Introduction to a RDBMS o Database objects – tables, queries, forms, and reports of the database o Terms in database – table, field, record o Steps to create a table using table wizard o Data types in database o Option to set primary key o Table Data View dialog box 3. Perform operations on table <ul style="list-style-type: none"> o Inserting data in the table o Editing records in the table o Deleting records from the table o Sorting data in the table o Referential integrity o Creating & editing relationships: one to one, one to many, many to many o Field properties(default, required and format) 4. Retrieve data using query <ul style="list-style-type: none"> o Database query, Defining query, Query creation using wizard o Creation of query using design view, Editing a query o Applying criteria in query – single field, multiple fields, using wildcard o Performing calculations, Grouping of data o Structured Query Language (SQL) o Introduction to DDL (purpose of- Create database, Create table, Alter table and Drop table) 5. Create Forms and Reports using wizard <ul style="list-style-type: none"> o Introduction to Forms in DBMS o Creating form using wizard, Steps to create form using Form Wizard o Options to enter or remove data from forms o Modifying form, Changing label, background o Searching record using Form o Inserting and deleting record using Form View o Concept of Report in Base, Creating Report using wizard o Steps to create a Report using Wizard o Insert date and time 	PRACTICAL			
6 September	23 (including PT2)	NCERT	Unit 4 Entrepreneurial Skills – II	<ul style="list-style-type: none"> Entrepreneurial Skills Entrepreneurship and Society Qualities and Functions of an Entrepreneur Myths about Entrepreneurship Entrepreneurship as a Career Option 	PPT BASED ON THE RELATED TOPIC	PT 2 (September)		
7 October	19	NCERT	Unit 4 Web applications and security	<ul style="list-style-type: none"> 1. Working with Accessibility Options <ul style="list-style-type: none"> o Understand various types of impairment that impact computer Usage o Computer Accessibility Dialog box and its tabs, Serial Keys 2. Understand Networking Fundamentals <ul style="list-style-type: none"> o Network and its types, Client Server Architecture, P2P Architecture o Internet, WWW, benefits of internet, getting access to internet, internet terminology, Some of the commonly used Internet connectivity options o Data transfer on the Internet 3. Introduction to Instant Messaging <ul style="list-style-type: none"> o learn key features of instant messaging o Creating an instant messaging account, Launching Google Talk o Signing in into your Google Talk Account o Chatting with a Contact – Google Talk o learn to chat with a contact that is already added to your contact list o sending text chat messages instantly by double-clicking on a contact o general rules and etiquettes to be followed while chatting o chatting on various types of messengers 4. Creating and Publishing Web Pages – Blog <ul style="list-style-type: none"> o learn & appreciate a blog, creation with the help of some blog providers o set up title and other parameters in a blog o posting comments o using offline blog editors o Concept to create blogs using a blog application and publish the blog whenever internet connectivity is available 5. Online Transaction <ul style="list-style-type: none"> o concept of e-commerce and various online applications o importance of secure passwords o internet Security o Need of internet security o Cyber threats like phishing, email spoofing, chat spoofing etc. o best practices for internet security and secure passwords o concept of browser, cookies, backup, antivirus, clearing data in browsers 6. Maintain workplace safety <ul style="list-style-type: none"> o Basic safety rules to follow at workplace o Fire safety, Falls and slips, Electrical safety, Use of first aid o Case Studies of hazardous situations 7. Prevent Accidents and Emergencies <ul style="list-style-type: none"> o Accidents and emergency, Types of Accidents, Handling Accidents o Types of Emergencies 8. Protect Health and Safety at work <ul style="list-style-type: none"> o Hazards and sources of hazards, General evacuation procedures o Healthy living 	PRACTICAL			

8	November	24	NCERT	Unit 5 Green Skills – II	Unit 5 Green Skills Sustainable Development Our Role in Sustainable Development	PPT BASED ON THE RELATED TOPIC	
9	December	23 (including Pre Board Examination)	NCERT	Revision of full syllabus	Revision of full syllabus	Including Revision & Annual Examination	PT 3/Pre-Board I (December)
10	January	24 (including Pre Board Examination)	NCERT	Revision of full syllabus	Revision of full syllabus	Including Revision & Annual Examination	Pre-Board II

N. B.: 1. The total number of working days per month may vary from school to school depending on their List of Holidays. The total number of working days include Internal Assessments and Test/ Examinations
2. Teachers must insert a blueprint of the question papers for both 35/40 marks so that both students and teachers know how the paper comes and how it is to be set.

3. Syllabus for various exams have to be added.
4. Amendments to be applied as per CBSE guidelines.

Blueprint of Question Paper

20 marks

Type of Question	Marks	No. of Questions	Total Marks
OBJECTIVE TYPE QUESTIONS	1	8	8
SHORT ANSWER TYPE QUESTIONS	2	4	8
DESCRIPTIVE /LONG ANS. TYPE QUESTIONS	4	1	4

40 marks

Type of Question	Marks	No. of Questions	Total Marks
OBJECTIVE TYPE QUESTIONS	1	10	20
SHORT ANSWER TYPE QUESTIONS	2	4	8
DESCRIPTIVE /LONG ANS. TYPE QUESTIONS	4	3	12