CLASS IX ENGLISH

Sl. No.	Month	No. of Working Days	Books	Content	Learning Outcomes	Activities to be Conducted	Examinations
1	April	22	a) Beehive b) Beehive c) Moments d) Moments e) Sample papers	a) The Road Not Taken b) The Fun They Had c) The Lost Child d) The Adventures of Toto e) Integrated Grammar Practice	a) To understand poetic devices employed and use these to appreciate the importance of life-altering choices b) To appreciate that technological advancements cannot overwhelm human relationships c) To analyse the parent-child relationship d) To appreciate the simplicity of the author's literary style e) To apply concepts of tenses, determiners, modals, subject-verb concord, reported speech in sentences	Reading, writing, comprehension	
2	May	15	a) Beehive b) Sample Papers c) Sample papers	a) Iswaran The Story Teller b) Comprehension c) Integrated Grammar Practice	a) To analyse the importance of verifying facts before jumping to conclusions b) To independently read and comprehend a passage not included in the prescribed textbooks c) To apply concepts of tenses, determiners, modals, subject-verb concord, reported speech in sentences	Reading, writing, comprehension	
3	June	15	a) Beehive b) Beehive c) Sample papers	a) The Sound of Music b) Wind c) Writing Skill- Descriptive paragraph (person)	a) To understand that music transcends geographical and linguistic barriers and physical handicaps b) To analyse the power of the wind as a preserver and a destroyer. c) To compose a coherent paragraph from a given visual cue	Reading, writing	
4	July	24 (including PT1)	a) Beehive b) Beehive c) Beehive d) Beehive e) Moments f) Sample papers g) Sample papers	a) The Little Girl b) Rain On the Roof c) A Truly Beautiful Mind d) The Lake Isle of Innisfree e) In The Kingdom of Fools f) Comprehension g) Writing Skill- Descriptive paragraph (event)	a) To understand the complexities of a father-daughter relationship b) To analyse memories that return to the poet on a rainy night c) To appreciate the true worth of Albert Einstien as scientist and a concerned world citizen d) To appreciate Innisfree as a place and a state of mind of the poet e) To understand an important lesson on wisdom and trust taught by a folk tale f) To independently read and comprehend a passage not included in the prescribed textbooks g) To compose a coherent paragraph from a given verbal cue	Reading, writing, comprehension	PT1 (July)
5	August	25	a) Beehive b) Beehive c) Moments d) Sample papers e) Sample papers f) Sample papers	a) The Snake and The Mirror b) The Legend of the Northland c) The Happy Prince d) Writing Skill- Descriptive paragraph (situation) e) Integrated Grammar Practices f) Comprehension	a) To understand the theme of human vanity and fears and how they affect people b) To appreciate the importance of kindness and generosity through a simple ballad. c) To understand the importance of love and compassion through Oscar Wilde's classic tale d) To compose a coherent paragraph describing a given situation from a given visual cue e) To apply concepts of tenses, determiners, subject-verb concord, modals and reported speech in sentences f) To independently read and comprehend a passage not included in the prescribed textbooks	Reading, writing, comprehension, ASL	
6	September	23 (including PT2)	a) Beehive b) Beehive	a) My Childhood b)No Men Are Foreign c) Revision	a) To appreciate the importance of a secure childhood and sensible parents in the shaping of one's personality b) To analyse how all humans are equal c) Written and oral revision of PT2 syllabus.	Reading, writing	PT2 (September
7	October	15	a) Beehive b) Beehive c) Sample papers d) Sample papers e) Sample papers	a) The Duck and The Kangaroo b) Weathering The Storm in Ersama c) Integrated Grammar Practices d) Writing Skill- Diary entry e) Comprehension	a) To be introduced to nonsense verse and appreciate the themes of friendship/ compromise/adventure b) To appreciate how courage and presence of mind can stand us in good stead in times of adversity c) To apply concepts of tenses, determiners, subject-verb concord, modals and reported speech in sentences d) To understand the correct format and linguistic style of writing a diary entry based on a verbal cue e) To independently read and comprehend a passage not included in the prescribed textbooks	Reading, writing, comprehension	
8	November	21 (including PT3)	a) Beehive b) Beehive c) Moments d) Moments e) Sample papers f) Sample papers	a) Reach for the Top b) On Killing a Tree c) The Last Leaf d) A House Is Not a Home e) Integrated Grammar Practices f) Writing Skill- story writing	a) To appreciate the courage and determination that brought success to two women athletes. b) To appreciate the necessity of conservation and analyse the metaphorical meaning of the poem c) To appreciate a classic tale of friendship and sacrifice d) To analyse the author's woes and their eventual resolution e) To apply concepts of tenses, determiners, subject-verb concord, modals and reported speech in sentences f) To understand the correct format and linguistic style of writing a story based on a verbal cue	Reading, writing	

No.	Month	Working days	Book	Chapter	Objectives	Activities	Test
9	December	19	a) Beehive b) Beehive c) Beehive d) Beehive e) Beehive f) Moments	a) Kathmandu b) The Bond of Love c) The Snake Trying d) A Slumber Did My Spirit Seal e) If I Were You f) The Beggar	a) To appreciate the nuances of a travelogue written by a renowned author b) To appreciate the strong bond of love between humans and their pets c) To appreciate the worth of all living creatures d) To be introduced to Wordsworth's Lucy poems and appreciate the theme of death e) To dramatise and appreciate a play revolving around an intended switch of identities f) To appreciate the theme of maternal love and sacrifice through Chekov's short story	Role play, reading, writing, ASL	PT3 (November)
10	January	21	Written and oral revision of the entire syllabus in preparation for Annual Examination				
11	February (as per guidelines received in Study Group for Bifurcation of Syllabus/ webinar)	24	Annual Examination and Decalaration of Results				Annual Examination (on the complete syllabus)

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: Descriptive paragraph

Literature:

The Road Not Taken

The Fun They Had

The Lost Child

The Adventures of Toto

Iswaran The Story Teller

The Sound of Music

Wind

The Little Girl

Rain On the Roof

A Truly Beautiful Mind

The Lake Isle of Innisfree

In The Kingdom of Fools							
My Childhood							
No Men Are Foreign							
Annual:							
Comprehension							
Grammar: Tenses, determiners, modals, subject verb concord, reported speech							
Writing skills: Descriptive paragraph/ story writing/diary entry							
Literature:							
The Road Not Taken							
The Fun They Had							
The Lost Child							
The Adventures of Toto							
Iswaran The Story Teller							
The Sound of Music							
Wind							
The Little Girl							
Rain On the Roof							
A Truly Beautiful Mind							
The Lake Isle of Innisfree							
In The Kingdom of Fools							
My Childhood							
No Men Are Foreign							
The Duck and The Kangaroo							
Weathering The Storm in Ersama							
Reach for the Top							
On Killing a Tree							
The Last Leaf							
A House Is Not a Home							
Kathmandu							
The Bond of Love							
The Snake Trying							
A Slumber Did My Spirit Seal							
If I Were You							
The Beggar							

CLASS IX HINDI

Sl. No.	Month	No. of Working Days	Books	Content	Learning Outcomes	Activities to be Conducted	Exam
1	April	18	स्पर्श, व्याकरण	दुख का अधिकार रैदास के पद शब्द और पद अनुस्वार,अनुनासिक,पत्र-लेखन (अनौपचारिक)	अमीर-गरीब वर्ग के बीच की संवेदना को स्पष्ट कराया जाएगा। अध्यात्मिक चेतना के प्रति जागरूक कराया जाएगा। व्याकरण के द्वारा भाषा की वैज्ञानिकता से छात्रों को परिचित कराया जाएगा। सृजनात्मक लेखन के लिए छात्रों को प्रेरित कराया जाएगा ।	1.अपने घर में काम करने वाले के जीवन के विषय में साक्षात्कार लेकर लिखें। 2.रैदास के पद का गायन या वाचन करके एक पॉडकास्ट बनाए।	
2	May	21	संचयन, व्याकरण व लेखन	गिल्लू स्मृति उपसर्ग- प्रत्यय संवाद लेखन चित्र वर्णन अनुच्छेद लेखन, अपठित गद्यांश	कहानी विधा से छात्रों को नैतिक मूल्यों की ओर ले जाना। व्याकरण के द्वारा भाषा की वैज्ञानिकता से छात्रों को परिचित कराना। व्याकरण के द्वारा भाषा की वैज्ञानिकता से छात्रों को परिचित कराया जाएगा। सृजनात्मक लेखन के लिए छात्रों को प्रेरित कराया जाएगा । अपठित के देवारा छात्रों की समझदारी विकसित की जाएगी।	1.गिल्लू या स्मृति पाठ का सारांश अपने शब्दों में लिखें। 2.उपसर्ग- प्रत्यय (20-20) का एक कोलाज बनाएँ।	
3	June		ग्रीष्मावकाश				
4	July	23	स्पर्श, व्याकरण	ऐवरेस्ट मेरी शिखर यात्रा रहीम के दोहे . व्याकरण - विराम चिह्न, स्वर संधि पुनरावर्तन पॅ	यात्रा वर्णन की विधा को छात्रों को प्रेरित कराना । व्यावहारिक जीवन में कम आने वाली नीतियों से छात्रों को परिचित कर व्याकरण के द्वारा भाषा की वैज्ञानिकता से छात्रों को परिचित कराया जाएगा।सृ	1.अपनी किसी यात्रा का वर्णन एवरेस्ट पाठ के आधार पर करें।2. किंही पाँच रहीम के दोहे कंठस्थ करके गाकर सुनाए।	पीटी-१ (July)
5	August	23	स्पर्श, व्याकरण	आदमीनामा (पठन) तुम कब जाओगे, अतिथि वैज्ञानिक चेतना के वाहक-डॉ चंद्र सेकर वैंकट रामन अर्थ के आधार पर वाक्य-भेद	समाज में अतिथि की मर्यादा से छात्रों को परिचित कराया जाएगा। डॉ चंद्र शेखर वेंकट रामन् जैसे प्रेरक व्यक्तित्व से छात्रों के परिचित कराया जाए व्याकरण के द्वारा भाषा की वैज्ञानिकता से छात्रों को परिचित कराया जाएगा। सृजनात्मक लेखन के लिए छात्रों को प्रेरित कराया जाएगा । व्याकरण के द्वारा भाषा की वैज्ञानिकता से छात्रों को परिचित कराया जाएगा।	1.तुम कब जाओगे अतिथि पाठ के संवाद लिखें तथा उसका नाट्य रूपांतरण करें। 2. किसी अन्य वैज्ञानिक के जीवन के विषय में एक पीपीटी बनाए।	
6	September	21	स्पर्श, व्याकरण (including PT-2 Examination)	धर्म की आड़ (पठन) परीक्षा- पीटी-२	अभ्यास कार्य-पत्रक द्वारा छात्रों को परीक्षा के लिए कुशल बनाने का प्रयत्न किया	1.गद्य व पद्य पाठों की प्रश्नोतरी बनाए एवं उसमें लघु प्रश्न, दीर्घ प्रश्न व बहुविकल्पी प्रश्न लिखें।	पीटी-२ (Septem
7	October	20	स्पर्श, व्याकरण	शुक्रतारे के समान अग्निपथ लेखन अभ्यास-अपठित गद्यांश	गांधी जी के सहयोगी महादेव जी के व्यक्तित्व द्वारा छात्रों को प्रेरित किया जाएग अग्निपथ के प्रतीक द्वारा छात्रों को कुछ नया करने तथा कठिनाइयों से ना घबरा व्याकरण के द्वारा भाषा की वैज्ञानिकता से छात्रों को परिचित कराया जाएगा। सृजनात्मक लेखन के लिए छात्रों को प्रेरित कराया जाएगा । अपठित गद्यांश द्वारा बच्चों की समझदारी विकसित की जाएगी।	1.अग्निपथ कविता का सस्वर वाचन करें तथा उसको कक्षा में सुनाए।1.अग्निपथ कविता का सस्वर वाचन करें तथा उसको कक्षा में सुनाए। 2. शुक्रतारे के समान पाठ में आए अनुस्वार-अनुनासिक शब्दों की सूची बनाकर एक ए-4 शीट लिखें।	
8	November	19	स्पर्श, व्याकरण, संचयन	एक फूल की चाह (पठन) गीत-अगीत मेरा छोटा- सा निजी पुस्तकालय कल्लू कुम्हार की उनाकोटि	काव्य विधा के दृष्टांतों से छात्रों को परिचित कराना। कहानी विधा से छात्रों को नैतिक मूल्यों की ओर ले जाना। व्याकरण के द्वारा भाषा की वैज्ञानिकता से छात्रों को परिचित कराया जाएगा।सृ	1.अपने पुस्तकालय के विषय में एक अनुच्छेद लिखें तथा उसका चित्र भी लगाएँ।2. गीत-अगीत पाठ से संबंधित चित्रों को देख कर ए-4 शीट में चित्र	
9	December	22	स्पर्श, व्याकरण	कमल की कविताएँ - नए इलाके में खुश्बू रचते हैं हाथ लेखन अभ्यास- पत्र, अनुच्छेद संवाद,चित्र वर्णन, पुनरावर्तन पीटी-2	शहरीकरण की विडंबना से छात्रों को परिचित कराया जाएगा। समाज में गरीबों के प्रति संवेदना को जगाया जाएगा। व्याकरण के द्वारा भाषा की वैज्ञानिकता से छात्रों को परिचित कराया जाएगा।	1.अपने शहर का सचित्र वर्णन करके उसकी समस्याओं व विशेषताओं की जानकारी ए-4 शीट पर लिखें।2. कुछ कुटीर उद्योग की एक पीपीटी बनाएँ।	पीटी-3 (November)
10	January	19	स्पर्श, व्याकरण, संचयन	पुनरावर्तन- पुनरावर्तन	अभ्यास कार्य-पत्रक द्वारा छात्रों को परीक्षा के लिए कुशल बनाने का प्रयत्न किया	गतिविधि- अपने पढ़े हुए किसी एक पाठ का कार्य-पत्रक बनाएँ जिसमें बोधात्मक, विश्लेषणात्मक, अनुमान कल्पनात्मक तथा सृजनात्मक प्रश्नों को उद्धृत करें।	
11	February - February (as per guidelines received in Study Group for Bifurcation of Syllabus/ webinar)	23 (including Annual Examination)	स्पर्श, व्याकरण, लेखन	पुनरावर्तन - वार्षिक परीक्षा परीक्षाफल घोषित	अभ्यास कार्य-पत्रक द्वारा छात्रों को परीक्षा के लिए कुशल बनाने का प्रयत्न किया	गतिविधि- परीक्षा की तैयारी के विषय में एक लेख लिखें।	वार्षिक परीक्षा (February) On complete syllabus

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
VERY SHO	1	4	4
VERY SHO	1	10	10
LONG AN	3	4	12
VERY SHO	1	2	2
SHORT A	.	.	.
LONG AN	4	3	12

80 marks

Type of Question	Marks	No. of Questions	Total Marks
VERY SHO	1	10	10
VERY SHO	1	16	16
LONG AN	3	18	18
VERY SHO	1	14	14
SHORT A	.	.	.
LONG AN	6,6,5,5	4	22

HINDI - EXAM WISE SPLIT UP SYLLABUS & BLUE PRINT - 2023-24

PT-1

स्पर्श- दुख का अधिकार, रैदास के पद

बहुविकल्पी - 2 अंक

(दीर्घ प्रश्न 3+2=6) 6अंक

संचयन- गिल्लू, स्मृति (3+2=6) 6 अंक

व्याकरण- शब्द व पद, अनुस्वार व अनुनासिक (1+ 10=10) 10 अंक

अपठित गद्यांश (बहुविकल्पी) 4 अंक

लेखन- अनुच्छेद, अनौपचारिक पत्र, संवाद वर्णन, चित्र वर्णन (4+3=12) 12 अंक

PT-2

स्पर्श- दुख का अधिकार,एवरेस्ट मेरी शिखर यात्रा, तुम कब जाओगे अतिथि,

रैदास के पद, रहीम के दोहे

(बहुविकल्पी व लघु प्रश्न 7+7=14, दीर्घ प्रश्न 6+6=12) 26 अंक

संचयन- गिल्लू, स्मृति (3+3=6) 6 अंक

व्याकरण- शब्द व पद-2, अनुस्वार व अनुनासिक--2, उपसर्ग-प्रत्यय-4,

विराम चिन्ह-3, अर्थ के आधार पर वाक्य-भेद-2, स्वर संधि-3, 16 अंक

लेखन- अपठित गद्यांश- 10

अनुच्छेद -6 , अनौपचारिक पत्र- 6, संवाद लेखन-5, चित्र वर्णन-5 22 अंक

PT- 3

स्पर्श- वैज्ञानिक चेतना के वाहक डॉ रामन, अग्निपथ

(बहुविकल्पी -2 अंक , दीर्घ प्रश्न 3+2=6)   8अंक

संचयन- मेरा छोटा-सा निजी पुस्तकालय, कल्लू कुम्हार की उनाकोटी   (3+2=6) 6 अंक

व्याकरण- शब्द व पद, अनुस्वार व अनुनासिक, उपसर्ग-प्रत्यय,

विराम चिन्ह, अर्थ के आधार पर वाक्य-भेद, स्वर संधि   (1+ 10=10) 10 अंक

अपठित गद्यांश - 4अंक

लेखन- अनुच्छेद, अनौपचारिक पत्र, संवाद वर्णन, चित्र वर्णन (4+3=12) 12अंक

AE 2023-24

स्पर्श- दुख का अधिकार,एवरेस्ट मेरी शिखर यात्रा, तुम कब जाओगे अतिथि, वैज्ञानिक चेतना

के वाहक डॉ रामन, शुक्रतारे के समान,

रैदास के पद, रहीम के दोहे, गीत-अगीत, अग्निपथ, नए इलाके, खुशबू रचते हाथ

(बहुविकल्पी व लघु प्रश्न 7+7=14, दीर्घ प्रश्न 6+6=12) 26 अंक

संचयन- गिल्लू, स्मृति, मेरा छोटा-सा निजी पुस्तकालय,

कल्लू कुम्हार की उनाकोटी   (3+3=6) 6 अंक

व्याकरण- शब्द व पद-2, अनुस्वार व अनुनासिक--2, उपसर्ग-प्रत्यय-4,

विराम चिन्ह-3, अर्थ के आधार पर वाक्य-भेद-2, स्वर संधि-3 16 अंक

लेखन- अपठित गद्यांश- 10

अनुच्छेद -6 , अनौपचारिक पत्र- 6, संवाद लेखन-5, चित्र वर्णन-5   22 अंक

CLASS IX MATHEMATICS

Sl. No.	Month	No. of Working Days	Books	Content	Learning Outcomes	Activities to be Conducted	Examination
1	April	18	NCERT	Ch2. Polynomials	**Students will be able to** - Find the degree of a polynomial - Identify linear, quadratic and cubic polynomials - Find the zeroes of a polynomial - Divide a polynomial by a monomial and find the remainder - Check whether a given monomial is a factor of the polynomial both by division and by applying factor theorem - State the Remainder Theorem with examples. - Statement and proof of the Factor Theorem. - Recall of algebraic expressions - Factorise a polynomial using identities	To construct a square root spiral that depicts the square roots of natural numbers √2, √3...............	
				Ch1. Number system	**Learners are enabled to** - Find Rational nos. between given rational numbers - Locate irrational numbers on a number line - Find the decimal expansion of rational and irrational numbers - Find the p/q form of decimal representations - Representing terminating / non-terminating recurring decimals on the number Line through - Recall of Laws of exponents with integral powers. Rational exponents with positive real bases. - Method of Rationalization	To verify that √2 = 1.41, using squared paper	
2	May	20	NCERT	Ch3. Co-ordinate Geometry	**After understanding the lesson, coordinates will** - Define the Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations, plotting points in the plane. - Locate a point P(x, y) on the Cartesian Plane - Find the quadrant in which the given point lies.	To verify the algebraic identity : (a+b+c) 2 = a2 + b2 + c2 + 2ab + 2bc + 2ca	PT1 (July)
				Ch4. Linear Equation in two variables	**Learners can** - Frame Linear equations of word problems. - Understand that a Linear equation in two variables has infinitely many solutions. - Solution of equations - Represent the equation on a graph - Find the equation of lines parallel to x-axis and y-axis	To obtain the mirror image of a geometrical figure in a Cartesian plane (an irregular pentagon) with respect to x-axis	
				Ch6. Lines and angles	**After learning, students are able to** - Recall if a ray stands on a Line, then the sum of the two adjacent angles so formed is 180 and the converse. - Recall if two Lines intersect, vertically opposite angles are equal. - Results on corresponding angles, alternate angles, interior angles when a transversal intersects two parallel lines. - Identify different types of angles formed when two or more lines are intersected by a transversal - Apply angle sum property of a Triangle in solving a triangle. - Apply various properties of angles in solving sums		
3	June				Summer Vacation		
4	July	23(including PT1)	NCERT	Ch7. Triangles	**Students will** - Recall rules of congruency i.e. SSS, ASA, SAS and RHS. - Establish congruence between Triangles by finding corresponding parts - Apply these congruence criteria in solving triangles. - Application of: Proof of the angles opposite to equal sides of a triangle are equal and vice versa. - Recall The sum of the angles of a triangle is 180. - If a side of a triangle is produced, the exterior angle so formed is equal to the sum of the two interior opposite angles	To illustrate that the medians of a triangle concur at a point called centroid which always lies inside the triangle.	
				Ch8. Quadrilaterals	**Learners will** - Identify Parallelogram, square , rectangle, rhombus, trapezium by studying their properties - Understand Mid-point theorem. - Prove that diagonal divides a parallelogram into two congruent triangles. - Recall some properties of the quadrilateral parallelogram - Apply these properties in solving Quadrilaterals	To show that the figure obtained by joining the midpoints of consecutives sides of a parallelogram is a parallelogram.	
5	August	23	NCERT	Ch9. Areas of parallelograms and Triangles	**Learners will** - Identify the common base and the parallel lines among the given figures. - Find the area of a given figure - Apply the concepts in solving sums.		
6	September	21 (including PT2)	NCERT	Ch12. Heron's Formula	**Students will be able to** - Recollect the formula to find the area of a triangle if its base and height are given - Find the area of a right angled triangle - Find the area of an equilateral triangle - Find the area of any triangular plane if the measurement of its sides are given - Understand that the area of a quadrilateral can be calculated by dividing it into triangles		PT2 (July)
				Ch10. Circles	**Students will be able to** - Find the length of a chord if the radius is given - Prove Theorems related to these concepts - Prove that the angle formed by an arc at the centre is double the angle subtended by it on the remaining part of the circle - Find the angles of a cyclic quadrilateral keeping in mind that opposite angles of a cyclic quadrilateral are supplementary	Verification of the Central Angle Theorem.	
7	October	20	NCERT	Ch5.Euclid's geometry	**Students will be able to** - Understand the notions of basic mathematical element such as point, line, plane, etc. - Understand assumptions specific to geometry (Postulates) - Understand common notions used throughout Mathematics (axioms) - To understand basic concepts such as the definition of a point, line, line segment, surface, etc. - Acquaint with basic definitions of axioms and postulates - Differentiate between axioms, postulates and theorems - Relate Euclid's axioms with daily life situations	. 4. To verify that opposite angles of a cyclic quadrilateral are supplementary, paper cutting and pasting	
				Ch.13. Surface areas and volumes	**Students will be able to** - Apply the formula to find 1) T.S.A & L.S.A of cube/cuboid 2) T.S.A & L.S.A of cylindrical object 3) T.S.A & L.S.A of a cone and its capacity 4) T.S.A of a sphere and a hemi-sphere		
8	November	19(including PT3)	NCERT	Ch13. Surface areas and volumes (contd.)	**Students will be able to understand the** - Volume of cube/cuboid - Volume of cylindrical object - Volume of a cone and its capacity - Volume of a sphere and a hemi-sphere		PT3 (November)
				Ch11. Constructions	**Students will be able to** - Justify the construction of 60°, 30° and 90°. - Construct triangle if the sum of all its sides is given - Construct a triangle if the sum of any two of its sides and base angle is given		
9	December	22	NCERT	Ch14. Statistics	**Students will** - Understand the concept of collection of data, presentation of data — tabular form, ungrouped / grouped, bar graphs and histograms - Prepare grouped frequency distribution table taking suitable class size/class interval. - Prepare histogram to depict the given data		
				Ch15. Probability	**It enables learner to** - Find the probability of any desired outcome of a trial. - Understand that the probability of an event lies between 0 and 1.		
10	January	18			Written and oral revision of the entire syllabus		
11	February (as per guidelines received in Study Group for Bifurcation of Syllabus/ webinar)	22			Annual Examination and Declaration of Result		Annual Examination in February on the full syllabus

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

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

CLASS IX SCIENCE

Sl. No.	Month	No. of Working Days	Books	Content	Learning Outcomes	Activities to be Conducted	Examination
1	April	22	NCERT TEXT BOOK PRACTICAL MANUAL NCERT EXEMPLAR PROBLEMS	**PHY: Ch 8 Motion** Distance, Displacement,speed, Velocity, Acceleration, Average speed, Average velocity **Chem-Ch1 Matter in our surroundings** i)Matter - its definition ii)Characteristics iii) States of matter. iv) Change of state. v) Effect of temp. on the change of state **Bio:Ch-5 The Fundamental Unit of Life** 1.Definition & History 2.Types of cells 3.Shapes and size of cells 4.Structure of cell. 5.Structure and function of cell organelles-chloroplast, mitochondria,vacuoles, endoplasmic reticulum,Golgi apparatus; nucleus, chromosomes - basic structure, number 6.Cell division.	LWBAT (i)Differentiate between the distance and displacement and calculate them in real situations. (ii)Calculate and compare speed of an object at different intervals of time. (iii) Differentiate between uniform and nonuniform motion. (iv)Calculate speed, velocity and acceleration of a moving body . 1. Learn about the states of matter . 2. Know about the three states of matter. 3. Learn about the effect of temperature and pressure on the change of state. i) Understand the structure and functions of cell organelle. ii)Differentiate between prokaryotic & Eukaryotic cells ,Plant & Animal cell,Mitosis & Meiosis.	**Term I Activities: Multiple Assessment Activity (Worksheet/PPT/Model/Collage/Chart) Portfolio Class work copy PRACTICALS:** Preparation of stained temporary mounts of (a) Onion peel (b) Human cheek cells to record observations and draw their labelled diagrams	
2	May	15		**PHY: Ch 8 Motion** Graphical representation of Motion Distance-time graph, velocity time graph equations of motion(derivation and numerical),circular motion **Chem-Ch 2 Is Matter Around us Pure** i)What is a mixture? ii) Types of mixtures. iii) Homogenous and Heterogenous mixtures **Bio:Ch 5 The fundamental Unit of Life** Discussion of Exercise questions. **Ch 6 Tissues. Definition and Classification** Organisation of the living world. Definition of tissues Meristematic tissues and its types and functions.simple permanent tissues and their types.complex permanent tissues	LWBAT: (i) solve the numericals related to acceleration and retardation. (ii)Interpret and draw the graphs related to motion and solve the related numericals. (iii)Derive the three equations of motion and solve the related numericals. (iv)Define the circular motion and calculate the speed,distance and displacement of a body moving in a circle. 1 Explore the scattering of Light to observe the tyndall effect. 2. Describe types of mixtures and solutions i) comprehend the organisational levels and hierarchy ii)To know about the characteristics of Meristematic tissue and understand the various types of meristematic tissues iii)Understand the types of simple permanent tissues, their nature of cells, location and functions.	**Preparation of:** a) A true solution of common salt, sugar and alum b) A suspension of soil, chalk powder and fine sand in water c) A colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of transparency filtration criterion stability	
3	June	15		Note :(May Month syllabus could be completed in these working days)			PTI (July)
4	July	24(including PTI)		**PHY: Ch 9-Force and laws of motion** force and its effects, balanced and unbalanced force , inertia, Newton's 1st law ,momentum, Newton's 2nd Law **Chem-Ch-2 Is matter around us pure** i)What is solution, ii)Properties of suspension, Colloid **Bio: Ch-6 Tissues.** Chap Tissues contd. Animal Tissues Structure, Characteristics and functions of epithelial tissue;connective tissue; muscular tissue; nervous tissue Discussion of exercise questions	LWBAT : (i)Calculate the resultant force acting on a body which can bring a change in the state of a body. (ii)To make the student correlate everyday life examples with Newton's 1st Law (iii)Solve the Numericals related to momentum. (iv)To make the student correlate everyday life examples with Newton's 2nd Law. (v)Derive the mathematical form of Newton's 2nd Law. (vi)Solve the numericals related to Newton's 2nd Law. 1.Distinguish between True solution and suspension. 2.Identify the components of a true solution 3. Calculate the concentration of true solution i) Locate and explain the functioning of various animal tissues. ii) Correlate between various animal tissues and explain their functions. iii)Locate various animal tissues in living organisms.	Preparation of: a) A mixture b) A compound using iron filings and sulphur powder and distinguishing between these on the basis of the following: (i) Appearance, i.e., homogeneity and heterogeneity (ii) Behaviour towards a magnet (iii) Behaviour towards carbon disulphide as a solvent (iv) Effect of heat Perform the following reactions and classify them as physical or chemical changes: a) Iron with copper sulphate solution in water b) Burning of magnesium ribbon in air c) Zinc with dilute sulphuric acid d) Heating of copper sulphate crystals e) Sodium sulphate with barium chloride in the form of their solutions in water Identify Parenchyma, collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibres and nerve cells in animals from prepared slides. Draw their labelled diagrams.	

			PHY: Ch.9 Force and Laws of Motion Third Law of Motion Law of conservation of Momentum, Numerical problems related to law of conservation of momentum **Ch.10 Gravitation (Till mass and weight)** Universal law of Gravitation Free Fall Mass and Weight **Chem:Ch 2 Is matter around us pure** Types of colloids and their components, Tyndall effect, Separation techniques**.** **Biology: Ch 7- Diversity in Living Organisms** Basis of classification, hierarchy of classification- different kingdoms and phyla Discussion of exercise questions	**LWBAT** (i) Apply scientific concepts in daily life and solving problems (ii) Calculate the Recoil velocity of the gun. (iii) Use formula to calculate the value of 'g'. (iii) Understand the relation between radius of the earth and acceleration due to gravity. (iv)Differentiate between mass and weight. 1. Distinguish between Colloids and Suspensions. 2. Classifies the types of colloids along with their examples. 3. Define Tyndall effect in colloidal solution. 4. Understand the principles of all the separation techniques (i) Understand classification of animals (ii) Differentiate between different kingdoms proposed by R.H. Whittaker.	Separation of the components of a mixture of sand, common salt and ammonium chloride (or camphor). Study of the characteristics of Spirogyra, Agaricus, Moss, Fern, Pinus (either with male or female cone) and an Angiospermic plant. Draw and give two identifying features of the groups they belong to. Observe the given pictures/charts/models of earthworm, cockroach, bony fish and bird. For each organism, draw their picture and record: (not included for the academic year) a) One specific feature of its phylum b) One adaptive feature with reference to its habitat Study the external features of the root, stem, leaf and flower of monocot and dicot plants.	PT 2(Septembe
5	August	25				
6	September	23 (including PTII)	**Revision of HY** **HY Examination**			
7	October	15	**PHY: Ch.10 Gravitation** Buoyancy, Relative density **Chem:Ch3-Atoms and Molecules** Laws of Chemical combination Law of conservation of mass Law of constant proportions **Bio:Ch-13 Why do we Fall ill** Health and its Failure Disease and its Cause	**LWBAT** 1 Find the density of a given object. 2. Verify Archimedes' Principle 3. Apply laws of floatation. i) State the law of conservation of mass and law of constant proportions ii) Solve numericals based on laws of chemical combination identify symptoms of various diseases ,their causative organisms, and prevention techniques.	**Term I Activities:** **Multiple Assessment Activity (Worksheet/PPT/Model/Collage/Chart)** **Portfolio** **Class work copy** **PRACTICALS:** Determination of the density of a solid (denser than water) by using a spring balance and a measuring cylinder. Establishing the relation between the loss in weight of a solid when fully immersed in a) Tap water b) Strongly salty water with the weight of water displaced by it by taking at least two different solids Verification of the law of conservation of mass in a chemical reaction.	PTIII (November)
8	November	21(including PTIII	**PHY: Ch11: Work and energy** Scientific conception of Work Work done by a constant force Energy- Forms of Energy Kinetic Energy Potential energy Are Energy Forms Interconvertible Law Of Conservation of Energy Rate Of Doing Work Commercial unit of energy **Chem-Ch3 Atoms and Molecules** What is an Atom? Atomic Mass Writing chemical Formulae **Bio:Ch-13 Why do we Fall ill** Infectious Diseases **Ch-14. Natural Resources.** General talk on the Topic Discussion and presentation of Project work on Management of Natural resources	**LWBAT:** **i)** Identify where work is done according to scientific conception and calculate the magnitude of work. ii)Calculate the total work done on an object when force is applied in varied directions and determine its nature. iii) Relate kinetic energy to motion and calculate kinetic energy possessed by the objects. iv) Relate potential energy to position and calculate potential energy possessed by the objects v) Generalise the law of conservation of energy to situations of energy transfer and calculate the total energy of an object. (vi) Calculate power and assess the efficiency of work done. (vii) Get conversant with commercial unit of energy. (viii) Calculate total energy consumption and determine total cost in households and industries. 1. Write the chemical formula using the criss cross method. 2.Calculate the atomic mass of various elements by using formula. i) Understand and appreciate variety of resources provided by the nature ii) Realise about depletion of resources and prevailing environmental issues.	Project work on Management of Natural resources	

			Ch 12. Sound Propagation of SoundPropagation of Sound Characteristics of Sound wave Reflection of Sound Range of Hearing Application of Ultrasound SONAR Structure of Human Ear **Chem-Ch3 Atoms and Molecules** Molecular Mass 'Mole Concept **Chem-CH 4 Structure of the Atom** Electron distributions in different shells, Atomic number,mass number, isotopes, isobars **Bio: CH 15 Improvement of Food resources.** Introduction to types of crops Improvement of Crop yields Crop production Management Animal Husbandry **Cattle Farming** **Poultry Farming** **Fish production and Beekeeping** **Discussion of Exercise questions..**	**LWBAT:** (i) Generalise that sound travels as successive compressions and rarefactions in the medium (ii) Relate frequency, amplitude and speed of a sound wave to determine its loudness and frequency. (iii) Interpret the graphical representation of sound waves to determine its frequency, amplitude, and speed. (iv) Examine the paths of reflection of sound on different surfaces. 1. Calculate the molecular mass and formula unit mass of different substances. 2. Calculate the number of moles, number of particles and mass of a given substance using the mole concept. 3. Illustrate the electron dot structure of various atoms i 4. Explain the Atomic models given by various scientists. 5. Differentiate between isotopes and isobars. i) learn to preserve and protect livestock through provisioning of adequate healthcare facilities. (ii) Understand how to propagate, plant, and sustainably grow, manage and harvest crops (iii) Realise different scientific advancements used in crop improvement.	Determination of the speed of a pulse propagated through a stretched string/slinky (helical spring). Annual Examination in February on the full syllabus			
9	December	19						
10	January	21			Written and oral revision of the entire syllabus in preparation for Annual Examination			
11	February (as per guidelines received in Study Group for Bifurcation of Syllabus/ webinar)	24 (including Annual Examination)			Annual Examination and Decalaration of Results			

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
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

PHYSICS: Ch. 8. Motion

Ch. 9. Force & Laws of Motion

Ch. 10. Gravitation (till Mass & Weight)

CHEMISTRY: Ch. 1. Matter in our surroundings

Ch. 2. Is matter around us pure

BIOLOGY: Ch. 5. The Fundamental Unit of Life

Ch. 6. The Tissue

Ch. 7. Diversity in Living Organisms

SYLLABUS FOR ANNUAL EXAM
Chapter 1 – Matter In Our Surroundings
Chapter 2 – Is Matter Around Us Pure?
Chapter 3 – Atoms And Molecules
Chapter 4 – Structure Of The Atom
Chapter 5 – The Fundamental Unit Of Life
Chapter 6 – Tissues
Chapter 7 – Diversity In Living Organisms
Chapter 8 – Motion
Chapter 9 – Force And Laws Of Motion
Chapter 10 – Gravitation
Chapter 11 – Work And Energy
Chapter 12 – Sound
Chapter 13 – Why Do We Fall Ill?
Chapter 14 – Natural Resources
Chapter 15 – Improvement In Food Resources

CLASS IX SOCIAL STUDIES

Sl. No.	Month	No. of Working Days	Books	Content	Learning Outcomes	Activities to be Conducted	Examination
1	April	22	1.India and the Contemporary World - I (History) - Published by NCERT	1. The French Revolution- To be cont. 2. What is Democracy? Why Democracy 3.India,location and size 4. The story of village Palampur	a. Familiarize with the names of people involved, the different types of ideas that inspired the revolution, the wider forces that shaped it. Know the use of written, oral and visual material to recover the history of revolutions. b. Develop conceptual skills of defining democracy. Understand how different historical processes and forces have promoted democracy. Develop a sophisticated defense of democracy against common prejudices. Develop a historical sense of the choice and nature of democracy in India c. Identify the location of India in the Indian subcontinent d. Familiarize with basic economic concepts like organization of production through an imaginary story of a village	Multiple assessments (Worksheet/PPT/ Chart)	
2	May	15	2.Contemporary India - I (Geography) - Published by NCERT	The French Revolution … concluded	As mentioned above		
3	June	15	3. Democratic Politics - I Published by NCERT	5.Socialism in Europe and the Russian Revolution..to be cont. 6.Constitutional Design	a. Explore the history of socialism through the study of Russian Revolution. Familiarize with the different types of ideas that inspired the Revolution b. Understand the process of Constitution making. Develop respect for the Constitution and appreciation for Constitutional values. Recognize Constitution as a dynamic and living document.		
4	July(including PT 1)	24	4. Economics - Published by NCERT	Socialism in Europe and the Russian Revolution… concluded 7.Physical features of India 8.People as a resource	a. Understand the major landform features and the underlying geological structure; their association with various rocks and minerals as well as nature of soil types. b. Understand the demographic concepts.Understand how population can be an asset or a liability for the nation.		PT 1 (July)
5	August	25		9.Nazism and the rise of Hitler 10.Drainage 11.Electoral Politics	a. Discuss the critical significance of Nazism in shaping the politics of modern world.Get familiarized with the speeches and writings of Nazi Leaders. b. Identify the river systems of the country and explain the role of rivers in the human society c. Understand representative democracy via competitive party politics.Familiarize with Indian electoral system. Reason out for the adoption of present Indian Electoral System. Develop an appreciation of citizen's increased participation in electoral politics. Recognize the significance of the Election Commission	Natural calamity ,e.g. earth quake,flood etc causes& mitigation (Chart making)	
6	September (including PT 2)	23		12.Climate..to be cont. 13.Poverty as a challenge..to be cont.	a. Identify various factors influencing the climate and explain the climatic variation of our country and its impact on the life of the people. Explain the importance and unifying role of monsoons. b.Understand poverty as a challenge. Identify vulnerable group and interstate disparities.Appreciate the initiatives of the government to alleviate poverty		PT 2 (September)
7	October	15		Climate… conclusion Poverty as a challenge…………..conclusio	As mentioned above		
8	November (including PT 3)	21		14.Natural Vegetation and Wildlife 15. Forest society and colonialism.. 16.Working of the Institution	a. Explain the nature of diverse flora and fauna as well as their distribution.Develop concern about the need to protect the biodiversity of our country b.Discuss the social and cultural world of forest communities through the study of specific revolts. Understand how oral traditions can be used to explore tribal revolts. Analyze the impact of colonialism on forest societies, and the implication of scientific forestry c. Identify the role of Parliament and its procedures Distinguish between political and permanent executive authorities and functions. Understand the parliamentary system of executive's accountability to the legislature. Understand the working of Indian Judiciary.		PT 3 (November)
9	December	19		17.Population 18.Democratic Rights	a. Analyse the uneven nature of population distribution and show concern about the large size of our population. b. Recognize the need for rights in one's life. Understand the availability /access of rights in a democratic system/government.Identify and be able to comprehend the Fundamental Rights given by the Indian Constitution to its citizens.Create awareness regarding the process of safeguarding rights	Group discussion on Fundamental Rights	
10	January	21		19.Pastoralists in the modern world 20. Food security in India.	a. Highlight varying patterns of developments within pastoral societies in different places.Analyze the impact of modern states, marking of boundaries, processes of sedentarization, contraction of pastures, and expansion of markets on pastoralism in the modern world. b.Understand the concept of food security.Appreciate and analyse the role of government in ensuring food security.		
11	February (as per guidelines received in Study Group for Bifurcation of Syllabus/ webinar)	24			Annual Examination and Decalaration of Results		Annual Examination in February on the full syllabus

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	1	10	10
Very short answer type	2	2	4
Short answer type	3	2	6
Long answer type	5	2	10
Case based question	3	2	6
Map skill	2+2	2	4

80 marks

Type of Question	Marks	No. of Questions	Total Marks
Very short answer type/ MCQ	1	20	20
Very short answer type	2	4	8
Short answer type	3	5	15
Long answer type	5	4	20
Case based question	4	3	12
Map skill	2+3	2	5

Periodic Test 2

1	The French Revolution
2	Socialism in Europe and the Russian Revolution
3	Nazism and the rise of Hitler
4	What is Democracy? Why Democracy
5	Constitutional Design
6	Electoral Politics
7	India, location and size
8	Physical features of India
9	Drainage
10	The story of village Palampur
11	People as a Resource

Syllabus for Annual Examination:

1	l. The French Revolution
2	Socialism in Europe and the Russian Revolution
3	Nazism and the rise of Hitler
4	Forest society and colonialism
5	Pastoralists in the modern world
6	What is Democracy? Why Democracy
7	Constitutional Design
8	Electoral Politics
9	Working of the Constitution
10	Democratic Rights
11	India: location and size
12	Physical features of India
13	Drainage
14	Climate
15	Natural Vegetation and Wildlife
16	Population
17	The story of village Palampur
18	People as a Resource
19	Poverty as a challenge
20	Food security in India

CLASS IX INFORMATION TECHNOLOGY

Sl. No.	Month	No. of Working Days	Books	Content	Learning Outcomes	Activities to be Conducted	Examination
1	April	22	NCERT	Unit 1 Communication Skills – I	1. Demonstrate knowledge of various methods of communication Methods of communication. Verbal. Non-verbal. Visual. 2. Identify elements of the communication cycle Meaning of communication Importance of communication skills Elements of the communication cycle (i) sender, (ii) ideas, (iii) encoding, (iv) communication channel, (v) receiver, (vi) decoding, and (vii) feedback 3. Identify the factors affecting our perspectives in Communication Perspectives on communication. Factors affecting perspectives on communication. Visual perception. Language. Past experience. Prejudices. Feelings. Environment. 4. Demonstrate the knowledge of basic writing skills Writing skills Phrases Kinds of sentences Parts of sentence Parts of speech Use of articles Construction of a paragraph	PPT AS BASED ON THE TOPIC	
2	May	15	NCERT	Introduction to the IT-ITeS industry	• Introduction to IT and ITeS, BPO services, • BPM industry in India, • Structure of the IT-BPM industry, • Applications of IT in home computing, everyday life, library, workplace, education, entertainment, communication, business, science and engineering, banking, insurance, marketing, health care, IT in the government and public service,	PRACTICAL	
3	June	15	NCERT	Unit 2 Self Management Skills – I	Unit 2: Self Management Skills Class 9 – I 1. Describe the meaning and importance of self-management Meaning of self-management. Positive results of self- management. Self-management skills. 2. Identify the factors that help in building self-confidence Factors that help in building self-confidence – social, cultural, and physical factors Self-confidence building tips – getting rid of the negative thoughts, thinking positively, staying happy with small things, staying clean, hygienic and smart, chatting with positive people, etc.	PPT AS BASED ON THE TOPIC	
4	July	24	NCERT	Data Entry & Keyboarding Skills	Keyboarding Skills, • Types of keys on keyboard, Numeric keypad,• Introduction to Rapid Typing Tutor, • Touch typing technique, • User interface of Typing Tutor, • Typing text and interpret results, • Working with lesson editor, • Calculating typing speed, • Typing rhythm. • Home keys, Guide keys, • Typing and deleting text, • Typing ergonomics, • Positioning of fingers on the keyboard, Allocation of keys to fingers on four different rows, • Pointing device – Mouse, Mouse operations.	PRACTICAL	PT 1 (July)
5	August	25	NCERT	Unit 3 ICT Skills – I	Unit 3: Basic ICT Skills – I 1. Describe the role of ICT in day-to-day life Introduction to ICT Role and importance of ICT in personal life and at the Workplace ICT in our daily life (examples) ICT tools 9 Mobile, tab, radio, TV, email, etc. 2. Identify the various components of the computer system Basic components of the computer system. Hardware and software. Primary and secondary memory. Input, Output, and Storage devices. 3. Identify various peripheral devices Various peripheral devices and their use. Examples of peripherals. 4. Perform basic computer operations Procedure for starting and shutting down a computer. Operating Systems (OS). Types of OS – DOS, Windows, Linux. The desktop of Windows and Linux. Files and folder. Keyboard and mouse operations. Common desktop operations. 5. Connect with the world using the Internet and its Applications Introduction to the Internet. Applications of the Internet. Internet Browser. Websites and web pages. Email applications. Email accounts. Sending and receiving the email. Introduction to social media. Blog. Twitter. Facebook. Youtube. WhatsApp. Digital India.	PPT AS BASED ON THE TOPIC	

No.	Month	Periods	Source	Chapter	Content	Method	PT
6	September	23 (including Half Yearly Examination)	NCERT	Digital Documentation	Introduction to word processing, • Word processing applications, • Introduction to Word Processing tool • Creating a document, Parts of a Word Processor Window, Text editing – Undo and Redo, • Moving and copying text, • Copy and Paste, • Selecting text, • Selection criteria, • Selecting non-consecutive text items, • Selecting a vertical block of • text, • Find and replace option, • Jumping to the page number, • Non-printing characters, • Checking spelling and grammar, • Using Synonyms and Thesaurus. • Page style dialog • Formatting text – Removing manual formatting, Common text formatting, Changing text case, Superscript and Subscript • Formatting paragraph – Indenting paragraphs, Aligning paragraphs, Font colour, highlighting, and background colour, Using bullets and numbering, Assigning colour, border and background to paragraph. • Page formatting – setting up basic page layout using styles, Inserting page break, Creating header/footer and page numbers, • Defining borders and backgrounds, Inserting images shapes, special characters in a document, Dividing page into columns, Formatting the shape or image. Creating table in Word Processor • Inserting row and column in a table • Deleting rows and columns • Splitting and merging tables • Deleting a table • Copying a table • Moving a table. Printing options in Word Processor. • Print preview, • Controlling printing, • Printing all pages, single and multiple pages.• Introduction to mail merge • Concept of data source for mail merge		PT 2 (September)
7	October	15	NCERT	Unit 4 Entrepreneurial Skills – I	Unit 4: Entrepreneurial Skills – I 1. Identify various types of business activities Types of businesses – service, manufacturing, hybrid. Types of businesses found in our community Business activities around us. 2. Demonstrate the knowledge of distinguishing characteristics of entrepreneurship Meaning of Entrepreneurship development. Distinguishing characteristics of entrepreneurship. Role and rewards of entrepreneurship.	PPT AS BASED ON THE TOPIC	
8	November	21	NCERT	Electronic Spreadsheet	• Introduction to spreadsheet application • Starting a spreadsheet • Parts of a spreadsheet • Worksheet – Rows and Columns, Cell and Cell Address, • Range of cells – column range, row range, row and column range. • Different types of data, • Entering data – Label, Values, Formula • Formula, how to enter formula, • Mathematical operators used in formulae, • Simple calculations using values and operators, • Formulae with cell addresses and operators, • Commonly used basic functions in a spreadsheet – SUM, AVERAGE, MAX, MIN, Count • Use of functions to do calculations. Formatting tool, • Use of dialog boxes to format values, • Formatting a range of cells with decimal places, • Formatting a range of cells to be seen as labels, • Formatting of a cell range as scientific, • Formatting a range of cells to display times, • Formatting alignment of a cell range, • Speeding up data entry using the fill handle, • Uses of fill handle to copy formulae.Concept of referencing, • Relative referencing, • Mixed referencing, • Absolute referencing. • Importance of chart in spreadsheet • Types of chart	PRACTICAL	PT 3 (November)
9	December	19	NCERT	Unit 5 Gree Skills – I	Unit 5: Green Skills – I 1. Demonstrate the knowledge of the factors influencing natural resource conservation Introduction to the environment. Relationship between society and environment, ecosystem, and factors causing an imbalance. Natural resource conservation. Environment protection and conservation. 2. Describe the importance of the green economy and green skills Definition of the green economy. Importance of green Economy.	PPT AS BASED ON THE TOPIC	

				Concept of presentation,		
				• Elements of presentation,		
				• Characteristics of an effective presentation Introduction to presentation software,		
				• Opening a presentation software		
				• Parts of presentation window,		
				• Closing a presentation		
				• Creating a presentation using template,		
				• Selecting slide layout,		
				• Saving a presentation,		
				• Running a slide show,		
				• Save a presentation in PDF,		
				• Closing a presentation,		
				• Using Help. Inserting a duplicate slide,		
				• Inserting new slides,		
				• Slide layout,		
				• Copying and moving slides,		
				• Deleting and renaming slides		
				• Copying, moving and deleting contents of slide,		
				• View a presentation,		
				• Controlling the size of the view,		
				• Workspace views – Normal, Outline, Notes, Slide sorter view. Formatting toolbar,		
				• Various formatting features,		
				• Text alignment,		
				• Bullets and numbering.		
				• Custom AnimationInserting tables in presentation,		
				• Entering and editing data in a table,		
				• Selecting a cell, row, column, table,		
				• Adjusting column width and row height,		
				• Table borders and background Inserting an image from a file,		
				• Inserting an image from the gallery,		
				• Formatting images,		
				• Moving images,		
				• Resizing images,		
				• Rotating images,		
				• Formatting using the Image toolbar,		
				• Drawing graphic objects – line, shapes,		
				• Grouping and un-grouping objects • Slide masters,		
				• Creating the slide masters,		
				• Applying the slide masters to all slide,		
10	January	21	NCERT	Digital Presentation	• Adding transitions.	PRACTICAL	Annual Examination in
11	February	24 (including Annual Examination)	NCERT	Revision of full syllabus	Including Revision & Annual Examination		February on the full syllabus

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