



John Wesley Convent, Rohtak

Winter Vacation Home Work (2025-26)

Class : 10

Dear Parents

School will remain closed from January 01, 2026 to January 15, 2026 on account of Winter Break. The school will reopen on January 16, 2026.

Wish you all a very

Prosperous New Year

Upcoming Exams Alert:

- Focus & Plan: Fix a daily study schedule. Complete daily targets 📅
- Practice & Improve: Believe in written practice. Ask doubts/ questions freely! 💡
- Stay Balanced: Manage emotions, stay calm & confident 😊
- Smart Prep: Make the most of this break. Prep smart, ace exams! ✨

ENGLISH :

📅 Holiday Homework Plan (14 Days)

First Flight (Prose & Poems)

Footprints Without Feet (Supplementary Reader)

Grammar & Writing Skills

📖 CBSE Question Paper Pattern (For Reference)

Reading Skills – 20 Marks

Writing Skills – 10 Marks

Grammar – 10 Marks

Literature (First Flight & Footprints Without Feet)
– 40 Marks

📅 DAY-WISE HOLIDAY HOMEWORK PLAN

🟢 Day 1 – Reading Skills (Unseen Factual Passage)

Read one factual passage (300–350 words)

Attempt:

MCQs

Short answer questions

📌 Focus: Skimming, scanning, factual accuracy, vocabulary in context

🟢 Day 2 – Reading Skills (Discursive / Case-Based Passage)

Read one discursive or case-based passage

Attempt:

Inference-based questions

Title / theme identification

📌 CBSE Skill: Critical thinking and interpretation

🟡 Day 3 – Writing Skills: Formal Writing

Write ONE:

Formal Letter (Editor / Complaint / Enquiry)

OR

Analytical Paragraph (based on given data)

📌 As per CBSE competency-based format

🟡 Day 4 – Writing Skills: Creative Expression

Attempt ONE:

Diary Entry OR Short Story (with given cues)

📌 Focus: Coherence, originality, logical flow

🟠 Day 5 – Grammar: Tenses & Modals

Revise rules thoroughly

Practice: Gap-filling

Editing / Error correction

Write 5 original sentences using modals

🟠 Day 6 – Grammar: Reported Speech & Subject-Verb Agreement

Practice: Dialogue to Reported Speech

Editing task

Sentence transformation

📌 High-weightage CBSE grammar area

🟢 Day 7 – First Flight (Prose)

Chapters:

1. A Letter to God

2. Nelson Mandela: Long Walk to Freedom

Tasks: Character sketch

Extract-based questions

Theme and message

📌 Competency-based responses

🟢 Day 8 – First Flight (Prose – Continued)

Chapters: 3. Two Stories about Flying

4. From the Diary of Anne Frank

Tasks: Short & long answer questions

Values and inference-based questions

● Day 9 – First Flight (Prose – Continued)

Chapter: 5. Glimpses of India

Tasks: Paragraph-based questions

Culture and tradition-based answers

✦ Map-based & descriptive learning focus

● Day 10 – First Flight (Poetry)

Poems:

1. Dust of Snow

2. Fire and Ice

3. A Tiger in the Zoo

4. How to Tell Wild Animals

Tasks: Central idea of each poem

Poetic devices

One stanza-based question answer

● Day 11 – Footprints Without Feet
(Supplementary Reader)

Chapters:

1. A Triumph of Surgery

2. The Thief's Story

3. The Midnight Visitor

Tasks: Short and long answer questions

Character and value-based questions

● Day 12 – Footprints Without Feet (Continued)

Chapters: 4. A Question of Trust

5. Footprints Without Feet

Tasks: Theme-based questions

Inference and moral-based answers

● Day 13 – Literature: Long Answer & Extract
Practice

Attempt:

One long answer from First Flight

One long answer from Footprints Without Feet

Practice: Two prose extracts

One poem extract

✦ As per CBSE word limit and marking scheme

● Day 14 – Final Revision & Self-Assessment

Attempt:

One complete CBSE Sample Question Paper

Self-check:

Word limit

Presentation

Time management

Write: One-page reflection on

“My Preparation Strategy for Board Examination”

✦ Important Instructions for Students

Complete one day's work per day only

Maintain neat handwriting and proper format

Follow CBSE word limits strictly

Homework will be assessed after holidays

■ Regular practice and disciplined study will ensure excellent performance in the Class X CBSE Board Examination.

HINDI :

◆ दिन 1

*क्षितिज पाठ 1 सूरदास के पद

(भावार्थ, शब्दार्थ, लघु दीर्घ प्रश्न याद कीजिए)

*व्याकरण पुस्तक से वाक्य 15 उदाहरण की वर्कशीट उत्तर पुस्तिका पर हल कीजिए।

◆ दिन 2

क्षितिज पाठ 2 राम - लक्ष्मण - परशुराम संवाद

* (संवाद की विशेषताएँ, चरित्र-चित्रण आधारित प्रश्न याद कीजिए)

*व्याकरण पुस्तक से वाक्य भेद 15 उदाहरण की वर्कशीट उत्तर पुस्तिका पर हल कीजिए।

◆ दिन 3

क्षितिज पाठ 4 आत्मकथ

(कवि परिचय, काव्य-सौंदर्य) आधारित प्रश्न याद कीजिए

* व्याकरण पुस्तक से अलंकार के 15 उदाहरण की वर्कशीट उत्तर पुस्तिका पर हल कीजिए।

◆ दिन 4

* क्षितिज पाठ 5 उत्साह, अट नहीं रही है

(अभ्यास आधारित प्रश्न याद कीजिए)

* व्याकरण पुस्तक से पद परिचय के 15 उदाहरण की वर्कशीट उत्तर पुस्तिका पर हल कीजिए।

◆ दिन 5

क्षितिज पाठ 6 यह दंतुरित मुस्कान, फसल

(प्रतीक, भाव, शीर्षक की सार्थकता आधारित प्रश्न याद कीजिए)

* औपचारिक पत्र लेखन अभ्यास करते हुए कोई दो पत्र उत्तर पुस्तिका पर लिखिए

◆ दिन 6

* क्षितिज पाठ 9 संगतकार

(संदेश आधारित प्रश्न याद कीजिए)

* रचनात्मक लेखन

अनौपचारिक पत्र लेखन अभ्यास करते हुए कोई दो पत्र उत्तर पुस्तिका पर लिखिए

◆ दिन 7

* क्षितिज पाठ 10 नेताजी का चश्मा

(व्यंग्य तत्व, पात्र विश्लेषण आधारित प्रश्न याद कीजिए)

* रचनात्मक लेखन ईमेल

(अपने मित्र को त्योहारों एवं रोजमर्रा की ज़िंदगी में कचरा कम करने के उपाय सुझाते हुए एक ई-मेल लिखिए।)

◆ दिन 8

क्षितिज पाठ 11 बाल गोबिन भगत
(लोक संस्कृति, चरित्र चित्रण आधारित प्रश्न)

* रचनात्मक लेखन

((रचनात्मक अनुच्छेद प्रारूप का अभ्यास करते हुए कोई दो समसामयिक विषयों पर आधारित अनुच्छेद लिखिए।)

◆ दिन 9

*क्षितिज पाठ 12 लखनवी अंदाज

(भाषा शैली, हास्य-व्यंग्य)

* रचनात्मक लेखन

(विज्ञापन / संदेश लेखन प्रारूप का अभ्यास करते हुए कोई दो उदाहरण लेखन अपनी उत्तर पुस्तिका पर लिखिए।)

◆ दिन 10

क्षितिज पाठ 14 एक कहानी यह भी

पाठ 16 नौबतखाने में इबादत

(आत्मकथात्मक तत्व, भाव पक्ष)

◆ दिन 11

क्षितिज पाठ 17 संस्कृति

(संस्कृति की परिभाषा, लेखक के विचार)

*वाचन प्रस्तुति कार्य

*अग्निपथ / अड़े रहो / हार नहीं मानूंगा मैं से किसी एक कविता को याद कीजिए

तथा 1 मिनट का ऑडियो तैयार कीजिए।

◆ दिन 12

कृतिका पाठ 1 माता का आँचल

पाठ 3 साना-साना हाथ जोड़ि

*सैपल पेपर से इन दोनों पाठों का PYQs का पुनरावृत्ति करते हुए प्रश्न बैंक बनाइए और उत्तर अभ्यास पुस्तिका में लिखिए।

◆ दिन 13

कृतिका पाठ 5 मैं क्यों लिखता हूँ


(लेखन का उद्देश्य, आत्मविश्लेषण आधारित प्रश्न)

◆ दिन 14

अपठित गद्यांश व पद्यांश

1 पूर्ण मॉडल प्रश्नपत्र अभ्यास

MATHS :

 Daily Study Structure (1.5–2 hours)

* Use this structure every day:

* Concept Revision – 20–25 min (Formulas, theorems, key steps, mistakes)

* Practice (NCERT / Exemplar) – 45–60 min

Application / Case-based Questions – 20–30 min

* Error Log / Formula Recall – 5–10 min

 14-Day Maths Holiday Plan (Class 10)

Day 1 – Real Numbers

Revise: HCF, LCM, Fundamental Theorem of Arithmetic

Practice: NCERT: All examples + Ex 1.1, 1.2

Exemplar: Important proof-based Qs

Application:

HCF/LCM word problems

Short proof questions

Day 2 – Polynomials

Revise: Zeros, relation between zeros & coefficients

Practice: NCERT Ex 2.1–2.4

Exemplar MCQs & reasoning Qs

Application:

Finding polynomial from given zeros

Case-based questions

Day 3 – Pair of Linear Equations in Two Variables

Revise: Graphical method, consistency of solutions

Practice: NCERT Ex 3.1–3.3

Application:

Interpretation-based graph questions

Assertion–Reason

Day 4 – Pair of Linear Equations

Revise: Substitution, Elimination, Cross-multiplication

Practice:

NCERT Ex 3.4–3.7

Application:

Word problems (age, numbers, money)

Day 5 – Quadratic Equations (Concept + Factorisation)

Revise: Standard form, nature of roots

Practice: NCERT Ex 4.1–4.2

Application:

Case-based quadratic problems

Real-life situations

Day 6 – Quadratic Equations (Formula Method)

Revise: Discriminant, quadratic formula

Practice: NCERT Ex 4.3–4.4

Application:

Mixed word problems

Compare nature of roots

Day 7 – Arithmetic Progressions

Revise: n th term, sum of n terms

Practice: NCERT Ex 5.1–5.3

Application:

HOTS & real-life AP questions

Day 8 – Triangles

Revise: Similarity criteria, Pythagoras theorem

Practice: NCERT Ex 6.1–6.5

Application:

Proof-based + case-study questions

Day 9 – Coordinate Geometry

Revise: Distance formula, area of triangle

Practice: NCERT Ex 7.1–7.4

Application:

Collinearity & area-based problems

Day 10 – Trigonometry (Identities)

Revise: Trig ratios, identities

Practice: NCERT Ex 8.1–8.2

Application:

Simplification & verification problems

Day 11 – Applications of Trigonometry

Revise: Angles of elevation & depression

Practice: NCERT Ex 8.3, Ex 9.1

Application:

Case-based word problems

Day 12 – Circles

Revise: Tangent properties, theorems

Practice: NCERT Ex 10.1–10.2

Application:

Proof-based & reasoning questions

Day 13 – Areas Related to Circles

Revise: Steps & logic of constructions

Practice: Construction Qs (Triangles, Tangents)

NCERT Ex 12.1–12.2

Day 14 – Surface Areas, Volumes + Statistics & Probability

Revise: SA & Volume formulas

Mean, Probability basics

Practice: NCERT Ex 13, 14, 15

Application:

Case-study + calculation-heavy Qs

 Final 2-Hour Mock Task (Recommended)

Attempt one pre-board level Maths paper

Analyse:

Silly mistakes

Formula errors

Time management

★ Extra Tips for Pre-Boards

Maintain a formula notebook

Mark weak chapters for last-week revision

Practice case-based questions daily

Focus on presentation & steps

SCIENCE :

 14 Days Holiday Homework & Revision Plan

Subjects: Physics | Chemistry | Biology

Daily Study Time: 2–2.5 hours

 **CHEMISTRY (5 DAYS)**

◆ Day 1 – Chemical Reactions and Equations

Types of chemical reactions

Balancing chemical equations

Corrosion & rancidity

Practice: 15 balanced equations

10 assertion–reason questions

◆ Day 2 – Acids, Bases and Salts

Properties & uses

pH scale and importance

Common salts (washing soda, baking soda, plaster of Paris)

Numericals based on pH

Draw preparation diagrams

◆ Day 3 – Metals and Non-Metals

Physical & chemical properties

Reactivity series

Extraction of metals

Corrosion and prevention

Practice case-based questions

◆ Day 4 – Carbon and its Compounds

Covalent bonding

Homologous series

Functional groups

Ethanol & ethanoic acid

Draw labelled structural formulas

◆ Day 5 – Periodic Classification of Elements

Modern periodic table

Periodic trends

Valency, atomic size

Short answer & MCQs

 **PHYSICS (5 DAYS)**

◆ Day 6 – Light: Reflection and Refraction

Laws of reflection

Ray diagrams (mirror & lens)

Mirror and lens formula

Numericals

◆ Day 7 – Human Eye and the Colourful World

Defects of vision & correction

Dispersion of light

Scattering of light

Labelled eye diagram

◆ Day 8 – Electricity

Electric current & potential difference

Ohm's law

Electric circuits

Numericals

◆ Day 9 – Magnetic Effects of Electric Current

Magnetic field lines

Fleming's rules

Electromagnets

Numericals & diagrams

 **BIOLOGY (4 DAYS)**

◆ Day 11 – Life Processes

Nutrition, respiration

Transportation & excretion

Flow charts & diagrams

◆ Day 12 – Control and Coordination

Nervous system

Hormones & endocrine glands

Reflex action diagram

◆ Day 13 – How Do Organisms Reproduce?

Asexual & sexual reproduction

Human reproductive system

Menstrual cycle

Labelled diagrams

◆ Day 14 – Environment, Resources & Final Revision

Environment & ecosystem

Management of natural resources

Revision of weak chapters

One full-length Class 10 Science sample paper

Self-evaluation

SOCIAL SCIENCE :

14-day holiday homework and revision plan for Class 10 Social Science, covering History, Geography, Political Science, and Economics.

HISTORY (4 DAYS)

Day 1 – Nationalism in Europe

Key concepts and events

Important figures and movements

Practice short and long answer questions

Day 2 – The Rise of Nationalism in India

Key movements (like the Non-Cooperation Movement, Civil Disobedience)

Important leaders and their contributions

Timeline charts and practice questions

Day 3 – The Age of Industrialization

Industrial revolution in Europe and India

Impacts and changes in society

Source-based questions

Day 4 – Contemporary India

Urbanization and its effects

Environmental challenges

Practice case studies and short answers

GEOGRAPHY (4 DAYS)

Day 5 – Resources and Development

Types of resources (natural, human, capital)

Sustainable development

Practice questions and case studies

Day 6 – Water Resources

Distribution and utilization

Conservation of water resources

Map work and data interpretation

Day 7 – Agriculture

Types of farming (commercial, subsistence)

Crop distribution and challenges

Practice diagrams and short answers

Day 8 – Minerals and Energy Resources

Types of minerals and their distribution

Energy resources (conventional and non-conventional)

Map work and data-based questions

POLITICAL SCIENCE (3 DAYS)

Day 9 – Power-Sharing

Forms of power-sharing

Importance and challenges

Case studies and practice questions

Day 10 – Federalism

Federal system in India

Division of powers

Key features and challenges

Day 11 – Democracy and Diversity

Understanding diversity

Role of democracy in accommodating diversity

Practice questions and case studies

ECONOMICS (2 DAYS)

Day 12 – Development

Concepts of development

Indicators of development (income, health, education)

Practice data interpretation and case studies

Day 13 – Sectors of the Indian Economy

Primary, secondary, and tertiary sectors

Employment and development

Practice questions and examples

FINAL REVISION (1 DAY)

Day 14 – Complete Social Science Revision

Key definitions and concepts across all subjects

Map work and diagram practice

Attempt one full-length sample paper for Social Science

Self-evaluation and reflection

 Student Instructions

Maintain a Social Science notebook, divided into four sections

Neatly practice map work and diagrams

Answers should be structured and point-wise (CBSE pattern)

Highlight important terms and dates

IT :

Duration: 14 Days

Objective: Complete revision of all units with theory, practical, and application-based practice

EMPLOYABILITY SKILLS (UNIT 1)

 Day 1: Communication Skills

Revise:

Types of communication

Verbal & Non-verbal communication

Barriers to communication

Write:

5 MCQs

5 short-answer questions

Practice:

Email writing format

Day 2: Self-Management Skills

Revise:

Self-awareness

Goal setting

Stress & time management

Activity:

Make a daily study timetable

Practice 10 MCQs

Day 3: ICT Skills

Revise:

Computer components

OS, input/output devices

Internet & safety

Practical:

Identify hardware parts

Write shortcuts list

Practice MCQs

Day 4: Entrepreneurial Skills

Revise:

Entrepreneurship concepts

Task:

Solve 10 MCQs

Day 5: Green Skills

Revise:

Green economy & sustainability

Activity:

Write 1 page on “Eco-friendly Business Idea”

SUBJECT-SPECIFIC SKILLS (UNIT 2–5)

Day 6: Digital Documentation (Writer) –

Basics

Revise:

Formatting text

Styles, bullets, alignment

Practical:

Create a 1-page notice

Apply styles & formatting

Day 7: Digital Documentation – Advanced

Revise:

Tables, images

Header/footer

Mail merge (theory)

Practical:

Create a formal letter with table & image

Day 8: Electronic Spreadsheet (Calc) – Basics

Revise:

Rows, columns, cells

Formulas & functions

Practical:

Create a marksheet

Use SUM, AVERAGE, MAX, MIN

Day 9: Spreadsheet – Advanced

Revise:

IF function

Charts

Cell referencing

Practical:

Create a result analysis chart

Day 10: Database Management System

Revise:

Database concepts

Tables, fields, records

Primary key

Practical:

Design a student database table

Write field names & data types

Day 11: Maintain Healthy Safe & Secure

Working Environment


Revise:

Safe work environment, Hazards, Types of classes

Activity:

Write 10 Health safety rules

Practice MCQs

 REVISION & PRACTICE

Day 12: MCQ Practice Day

Solve:

30 MCQs (Employability Skills)

30 MCQs (Subject Skills)

Revise wrong answers

Day 13: Sample Paper Practice

Attempt 1 full IT Sample Paper

Time yourself (2 hours)

Check answers & revise weak areas

Day 14: Practical File & Final Revision

Practical work:

Subtotal, Goal seek, Scenario

Revise:

Short notes

Important definitions

 General Instructions:

Maintain one separate notebook for IT HHW.

Neatness & clarity will be assessed.

Sanskrit :

14 Days Holiday Homework & Revision Plan

Parts Covered: Grammar | Literature | Translation

Recommended Daily Study Time: 2 hours

◆ Day 1 – श्लोकानि एवं सूक्तयः

- श्लोकों का अर्थ, अनुवाद
- Practice: श्लोक अनुवाद, MCQ

◆ Day 2 – व्याकरण – कारक

- कारक विभक्तियाँ, प्रयोग
- Practice: वाक्य बनाना, MCQ

◆ Day 3 – पाठ – शांति पाठः

- अर्थ, अनुवाद, प्रश्नोत्तर
- Practice: शांति पाठ अनुवाद, प्रश्नोत्तर

◆ Day 4 – धातु रूप

- धातु रूप (लङ्, लृङ्, लोट्)
- Practice: धातु रूप लिखना, वाक्य बनाना

◆ Day 5 – पाठ – कः धातुः

- अर्थ, अनुवाद, प्रश्नोत्तर
- Practice: अनुवाद, प्रश्नोत्तर

◆ Day 6 – संस्कृत वाक्य रचना

- वाक्य बनाना, अनुवाद
- Practice: हिंदी से संस्कृत अनुवाद

◆ Day 7 – पाठ – पर्यावरणम्

- अर्थ, अनुवाद, प्रश्नोत्तर
- Practice: अनुवाद, MCQ

◆ Day 8 – सन्धि एवं समास

- सन्धि नियम, समास प्रकार
- Practice: सन्धि, समास पहचानना

◆ Day 9 – पाठ – मम परिचयः

- आत्म परिचय, अनुवाद
- Practice: आत्म परिचय लिखना

◆ Day 10 – संस्कृत शब्द रूप

- शब्द रूप (सर्वनाम, विशेषण)
- Practice: शब्द रूप लिखना, वाक्य बनाना

◆ Day 11 – पाठ – जननी जन्मभूमिश्च

- अर्थ, अनुवाद, प्रश्नोत्तर
- Practice: अनुवाद, MCQ

◆ Day 12 – अनुवाद अभ्यास

- हिंदी से संस्कृत अनुवाद
- Practice: अनुवाद करना

◆ Day 13 – Revision of Grammar & Literature

- कारक, धातु रूप, पाठ पुनरावलोकन
- Practice: MCQ, प्रश्नोत्तर

◆ Day 14 – Full Syllabus Revision and Sample Paper

- सम्पूर्ण पाठ्यक्रम पुनरावलोकन
- CBSE नमूना पत्र हल करना

✓ Student Instructions

- एक संस्कृत नोटबुक बनाए रखें
- रोज अभ्यास करें, अनुवाद लिखें
- महत्वपूर्ण शब्दों, नियमों को हाइलाइट करें