



John Wesley Convent, Rohtak

Winter Vacation Home Work (2025-26)

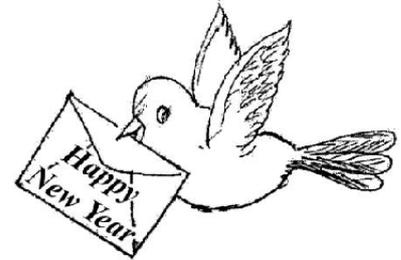
Class : 8

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



General Instructions:

- Do your Holidays Homework in a very neat and tidy manner.
- Parent should converse most of the time in English with their wards.
- Do the practice work in separate notebook.
- Kindly do the given assignments along with.
- Take good care of yourself

Subject Enrichment Assessment.

- The revision work given is for the test to be held after vacation. Marks obtained in these tests even will be considered for Subject Enrichment Assessment.
- Parents may help their ward in completing the Holidays Homework.

English -

PROJECT WORK

(Do the project according to your Roll Number)

Roll No. 1 to 10 – Story Innovators

Write a short story (250–300 words) on “A Winter Decision That Changed My Life”.

Design an eye-catching cover page for your story.

Highlight: Introduction, Conflict, Climax, Resolution/Conclusion

Roll No. 11 to 20 – Winter Diary Project

Create a Winter Diary with a creative cover page.

Write 8–10 lines on your favourite winter memory.

Write a descriptive paragraph (120–150 words) on “A Winter Morning in My City”.

Include one imaginative writing piece:

A letter from a Winter Hat to Its Owner

OR

A conversation between a Snowman and a Child

Draw a winter scene and write 8–10 sentences describing it.

Write 5–6 lines on one good habit you follow during winter (health, cleanliness, or study).

Roll No. 21 Onwards – Winter Creative Writing & Art Project

* Project Title: “Winter Wonders: Stories, Poems, and Art”

* Design an attractive cover page for your project.

* Write a short story (200–250 words) based on a memorable winter experience.

* Write a winter-themed poem (6–8 lines) expressing your feelings about winter.

* Draw a winter scene (like snowfall, frozen lake, children playing in snow, or a cozy home in winter).

* Write 8–10 sentences describing your drawing.

* Include 5–6 lines on a winter habit that you practice to stay healthy or active.

Literature- Revise and Learn the following chapters(Word Meanings, Question/Answer and book Exercises)

Unit 4 Chapter 1- Environment

Chapter 3- Waiting for the Rain

Unit 5

Chapter 1- Science and Curiosity

Chapter 3- Bhibha Choudhary

Grammar- Revise Conjunctions, Prepositions, Tenses, Active and Passive Voice, Direct and Indirect speech.

Complete the Worksheet related to these topics provided on Parent app.

हिंदी

मल्हार पुस्तक

1) कविता 3 (एक आशीर्वाद)

2) पाठ 4 हरिद्वार (पत्र)

3) कविता 5 (कबीर के दोहे)

4) पाठ 6 (एक टोकरी भर मिट्टी)

5) कविता 7 (मत बांधो)

पाठ 8 नए मेहमान (एकांकी)

सभी पाठों के प्रश्न उत्तर तथा अभ्यास याद कीजिए।

व्याकरण पुस्तक पुष्प

पाठ 19 विशेषण

पाठ 20 क्रिया

पाठ 21 काल

पाठ 22 वाच्य

पाठ 27 वर्तनी

पाठ 29 मुहावरे और लोकोक्तियां

पाठ 30 अलंकार

व्याकरण के इन उपविषयों के अभ्यास वार्षिक परीक्षा हेतु तैयार कीजिए।

भारत की खोज

6,7 तथा 8 (अंतिम दौर एक, अंतिम दौर दो, तनाव) पाठों के आंतरिक प्रश्नोत्तर खोज कर याद कीजिए।

कक्षा 8 – शीतकालीन अवकाश प्रोजेक्ट कार्य

(रोल नंबर / अनुक्रमांक के अनुसार)

अनुक्रमांक 1 से 10

विषय: शीतकालीन परंपराएँ (Winter Traditions)

कार्य निर्देश:

भारत के किसी एक शीतकालीन त्योहार पर प्रोजेक्ट तैयार करें।

(माघ, बिहू, पोंगल, लोहड़ी या उत्तरायण)

बिंदु शामिल करें:

1. त्योहार का नाम
2. किस राज्य में मनाया जाता है
3. मनाने का समय
4. विशेष परंपराएँ
5. चित्र (स्वयं बनाया हुआ)

अनुक्रमांक 11 से 20

विषय: सर्दियों में मौसम परिवर्तन (Climate Change in Winter)

कार्य निर्देश:

अपने क्षेत्र में सर्दियों में आए बदलावों पर प्रोजेक्ट बनाइए।

बिंदु शामिल करें:

1. पहले और अब की सर्दियों में अंतर
2. कोहरा, ठंड, बारिश पर प्रभाव
3. बदलाव के कारण
4. पर्यावरण बचाने के 5 उपाय

विशेष कार्य:

एक स्वयं लिखा स्लोगन अवश्य जोड़ें।

अनुक्रमांक 21 से 30

विषय: सर्दियों में स्वास्थ्य देखभाल (Winter Wellness)

कार्य निर्देश:

सर्दियों में स्वस्थ रहने के तरीकों पर प्रोजेक्ट तैयार करें।

बिंदु शामिल करें:

1. सर्दियों की 5 स्वास्थ्य समस्याएँ
2. घरेलू उपाय

3. 5 पौष्टिक खाद्य पदार्थ

4. एक DIY घरेलू नुस्खा

अतिरिक्त:

एक स्वयं बनाया चार्ट / तालिका जोड़ें।

अनुक्रमांक 31 से 45

विषय: सर्द प्रदेशों की कहानी (Winter Storytelling)

कार्य निर्देश:

भारत के किसी ठंडे प्रदेश में आधारित एक लघु कहानी लिखिए।

बिंदु शामिल करें:

1. कहानी का शीर्षक
2. स्थान (लद्दाख, कश्मीर, हिमाचल आदि)
3. मुख्य पात्र
4. कहानी की सीख

शब्द सीमा: 100–120 शब्द

सामान्य निर्देश (सभी विद्यार्थियों के लिए):

प्रोजेक्ट साफ-सुथरी लिखावट में हो

रंगीन पेन/चित्रों का प्रयोग करें

कवर पेज पर लिखें: नाम, कक्षा, अनुक्रमांक, विषय

Maths

* Learn and write Squares and Square root(1 to 25), Cube and Cube roots (1 to 20) on A4 size sheet.

* Learn and write all Algebraic Identities And Mensuration formulas on A4 size sheet.

* Activity on Winter Designs & Geometry : Design a rangoli or snowflake using geometric shapes. Identify lines of symmetry and measure angles used in the design.

Revise the following chapters from NCERT Book and solve the given assignments in practice notebook :

Chapters: 8 Algebraic Expressions and Identities

Chapter- 9 Mensuration

Chapter- 11 Direct and Indirect Variation

Chapter- 12 Factorisation

Science

A. Do Revision of the following Chapters

- Combustion & Flame

Chemical Effects of Electric Current

- Reproduction in Animals

- Reaching the age of Adolescence

- Some Natural Phenomena

- Light

B.Project-

- Poster Making-Conservation of Natural Resources (Odd Roll Numbers)

- Activity (Even Roll Numbers)-Prepare a Healthy Winter Food Collage on A3 sheet

Write 4 healthy winter foods and their benefits.

C.Solve the assignments given on App

Social Science

1) Revise thoroughly the chapters done in class.

History

Chapter – Civilizing the natives, Educating the Nation

Chapter- Caste & Reforms

Civics

Chapter – Understanding Marginalisation

Chapter – Confronting Marginalisation

Chapter- Law & Social Justice

Geography

Chapter – Industries

Chapter- Human Resource

2) Creative Writing: Write a short story or diary entry from the perspective of a student from a marginalised background.

3) Draw a timeline on an A4 sheet marking these significant legal milestones:

1829: Banning of Sati.

1856: Hindu Widow Remarriage Act.

1875: Formation of Arya Samaj.

1929: Child Marriage Restraint Act.

4) Environmental Case Study: List two steps currently being taken to reduce air pollution in your city and identify which laws govern these actions.

5) Practice Map Work of Geography on topic- agriculture, industries and human resource (10 most populous countries of the world) (twice) and paste them in N.B.

संस्कृत

पाठ्य पुस्तक-दीपकम्

पाठ -3 सुभाषितरसं पीत्वा जीवनं सफलं कुरु

पाठ-4 प्रणम्यो देशभक्तोऽयं गोपबन्धुर्महामनाः

पाठ-5 गीता सुगीता कर्तव्या

पाठ-6 डिजिभारतम् - युगपरिवर्तनम्

पाठ-7 मञ्जुलमञ्जूषा सुन्दरसुरभाषा

- हिंदी अर्थ, शब्दार्थ व अभ्यास कार्य याद कीजिए।

शब्द रूप -राजन्, लता और छात्र उत्तर पुस्तिका में लिखकर याद कीजिए।

धातु रूप-इष्, भू तथा पा लट्, लृट्, लोट् और लङ् लकार में लिखकर याद कीजिए।

अनुच्छेद और पत्र याद कीजिए।

संख्यावाचक, प्रत्यय(क्त्वा, तुमुन्), विलोम शब्द, व्यंजन संधि का लिख कर अभ्यास कीजिए।

श्री कृष्ण अर्जुन का चित्र बनाते हुए श्रीमद् भगवत गीता के दो श्लोक अर्थ सहित A3 शीट पर लिखिए।

A.I.

1. Learn Unit-3

(Chapter-1 Sustainable Development Goals

Chapter-2 AI & Sustainable Development Issues)

Unit-4

(Chapter-1 AI Career Prospects in Industry

Chapter-2 Getting Ready for AI-Based Career)

Unit-5

(Chapter-1 Artificial Intelligence & Ethics)

2. Prepare a presentation(atleast 3 slides) on "Combating climate change"with slides on reduce, reuse, recycle, renewable energy, and sustainable choices. Get printouts(Black & white or coloured)

General knowledge and Reasoning

General Knowledge

1) Revise the topics done in the class.

A) Nicknames

B) Cabinet Ministers

C) Parents of Great Personalities

D) Sports

E) Economic Scenario

F) Politics and Constitution

G) Current Affairs

2) 2025 Milestones: Create a list of major 2025 events, such as the G20 Summit 2025 location, winners of major awards like the Padma Vibhushan, or new space missions launched by ISRO.

3) Seven Sister States: Choose one of the northeastern states and create a detailed profile on its food, language, traditional dress, and festivals.

4) Inventions Timeline: Create a creative poster or scrapbook featuring 10 significant inventions that changed society, noting the inventor and the year of discovery.

Reasoning

1. Make 3 assignments on Problem on Ages

2. Make 3 assignments on Alphanumeric Series

3. Practice the questions of Venn Diagrams

Art and Craft

1. Draw and colour the Madhubani painting.

2. Make an Abstract painting by using the shapes.

Note: Size for art work (A-3 sheet)

Use any type of colours.



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Class..... Section.....

Name: _____ Roll No.: _____ Topic : _____

1. If $y = 5x$, state the type of variation.
2. If $y = 12/x$, state the type of variation.
3. When one quantity increases and the other also increases proportionally, what type of variation is it?
4. If y varies directly as x and $y = 12$ when $x = 4$, find the equation connecting x and y .
5. If 6 workers can complete a job in 12 days, how many days will 9 workers take?
6. The speed of a vehicle varies inversely as the time taken. If a journey takes 4 hours at a speed of 60 km/h, find the speed if the time is reduced to 3 hours.
7. The cost of 5 notebooks is Rs150. Find the cost of 8 notebooks. State the type of variation.
8. The distance travelled varies directly as time. A car travels 120 km in 2 hours. How far will it travel in 5 hours?
9. Find the area of a trapezium whose parallel sides are 10 cm and 14 cm and height is 6 cm.
10. Find the total surface area of a cube of side 5 cm.
11. Find the total surface area of a cuboid of dimensions 10 cm \times 8 cm \times 6 cm.
12. Find the curved surface area of a cylinder of radius 7 cm and height 10 cm.
13. Find the volume of a cube of side 7 cm.
14. Find the volume of a cuboid of dimensions 15 cm \times 8 cm \times 5 cm.
15. Find the volume of a cylinder of radius 7 cm and height 14 cm.
16. How many cubic centimetres of water can a tank hold if its dimensions are 20 cm \times 15 cm \times 10cm?
17. Find the cost of polishing the floor of a room of length 10 m and breadth 6 m at rs 5 per m



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Class..... Section.....

Name: _____ Roll No.: _____ Topic : _____

1. Write an algebraic expression for:

(a) The sum of 5 and thrice a number x

(b) 7 less than twice a number y

2. Find the value of $4x - 3$ when $x = 5$

3. Identify the terms in the expression: $6p - 4q + 9$

4. Write the coefficient of m in: $9m - 2n + 1$

5. Simplify: $5y(2xy + 3yz + 9)$

6. How many variables are there in: $4a + 3b - c$

7. Expand using identity: $(3y + 7z)^2$

8. Expand: $(4y - 5x)^2$

9. Find the product using identity: $(2x + 3)(2x - 3)$

10. Find p : $(p + 4) = 22p - 7$

11. Expand: $(p + 4)(p + 4)$

12. Factorize: $m^2 - 12m + 108$

14. Write the identity used in $(x + y)(x - y)$

15. Factorize using identity : $p^2 - 25$

16. Solve by factorization : $x^2 + 6x + 9$