



LOYOLA CONVENT SCHOOL

HOLIDAY HOMEWORK 2025-26

(DURGA PUJA & DIWALI)

CLASS-VIII

ENGLISH:

1. Read the play 'The Tempest' by William Shakespeare. Write about 80-100 words on your favourite character.
 2. Find 20 new words with their meanings and also frame sentences with the words the play.
 3. Make a word web of 8 to 10 words related to festival for each write its synonyms and antonyms.
 4. Write an Essay on the given topics:- Durga Puja/Diwali/Onam/Eid -e-Milan/Chatt Puja(ANY ONE)in 100-120 words.
 5. Write a letter to the Editor of a local newspaper highlighting the problems caused by bursting firecrackers and suggest solutions.
 6. The teacher explains the lesson. Make a tense chart.(All the tenses).
- * * Treat homework as an interesting activity that strengthens your understanding.

HINDI:

1. अपने शहर में मनाये जाने वाले दुर्गा पूजा के धार्मिक महत्व का वर्णन करते हुए अपने मित्र को पत्र लिखें।
2. भारतीय स्वतंत्रता आंदोलन के समय घटित नमक सत्याग्रह की घटना का क्रमवार चित्र बनाकर घटना का वर्णन अपने शब्दों में कीजिए।
3. भारत का मानचित्र बनाकर किन्हीं पांच राज्यों में प्रयोग की जाने वाली भाषा एवं लिपियों को मानचित्र में दर्शाएं।
4. एआई (AI) तकनीक से होने वाले लाभ एवं हानियों की चर्चा करते हुए दो मित्रों के बीच संवाद लिखें।

MATHS:

1. From My Best Book complete practice worksheet of chapter 5(Algebra) and Chapter 10(Mensuration)
2. For the given solid figures find the number of Faces (F), Vertices (V) and Edges (E). Hence verify the Euler's formula ($F+V-E=2$) 1) Triangular prism 2) Rectangular prism 3) Cube 4) Triangular pyramid 5) Rectangular pyramid 6) cuboid
3. Complete the lab manual activity 12,13 and 14
4. Lab manual Project no 5. (To design a cross-word puzzle with mathematical terms)
5. All formulas of mensuration [Square, Rectangle, Circle, Cylinder, Cone] (Volume and Area), including the charts.
6. All Algebraic Identities and formulas of Comparing Quantities to be written in the form of a chart.

SCIENCE:

Assignment 1: “Eco-Economy: Nature’s Role in Livelihoods”(Inter disciplinary project)

Explore how plants and animals contribute to the local economy and sustainable livelihoods in Jharkhand or any other state of India.

Subject Integration:

Science: Study and list out useful plant species (For e.g., Sal, Mahua, Bamboo in Jharkhand) and their ecological roles.

Social Studies: Investigate tribal and rural communities that depend on forest produce.

Language: Write a persuasive article or speech titled “Protecting Nature is Protecting Us”.

Assignment 2: Title: “Pollution - Mission Clean Earth”

To identify sources of pollution in daily life and suggest simple, practical solutions.

For 3 days, observe your surroundings and note:

Air pollution sources (e.g., vehicle smoke, garbage burning)

Water pollution sources (e.g., dirty drains, plastic in ponds)

Tabulate and make a note of some remedies to control the same.

Assignment 3: Note down 10 different sounds you hear OR , different sound-producing objects around you.

Label each with the 1. type of sound, 2. source, whether it is 3. man-made or natural and 4. and classify them as pleasant/unpleasant, loud/soft. Present it in a tabular form or any other infographic of your choice.

Assignment 4- Write a detailed and descriptive project on the comparison between the different classes of microorganisms namely - bacteria, virus, protozoa, and fungi on the basis of the points given (size, example, disease caused and benefit).

S.ST:

Write in Detail on the following topics and paste relevant pictures.

1. Why is the SEPOY MUTINY OF 1857 known as THE FIRST WAR OF INDIAN INDEPENDENCE?

2. How do culture and festivals make our society more integrated? Explain.

3. What are Human Resources? What are the investments made to make them better and productive?

4. Do page numbers 20, 22, 30, 34 in your MAP BOOK.

* Treat homework as an interesting activity that strengthens your understanding.

* Make your HW impressive using your creativity.

SANSKRIT:

1. निम्नलिखित धातुओं को लट्, लोट्, लृट्, लङ् एवं विधिलिङ्ग लकारों में लिखें। (स्था, पा, नम्, भू, गम्)

2. सन्धि एवं सन्धिविच्छेद करें। (सूर्योदयः, सम् + सारः, मुनिः + अयम्, वाङ्मयम्, पवित्रः)

3. निम्नलिखित शब्दरूपों को लिखकर याद करें -(मुनि, साधु, पितृ, अस्मद्, युष्मद्)

4. संस्कृत भाषा में अनुवाद करें -(1. वह दौड़कर जाता है। 2. वे सब घर के बाहर खेलते हैं। 3. मैं भी पढ़ूंगा। 4. हिरन वन में दौड़ता है। 5. पक्षी आकाश में उड़ते हैं।)

COMPUTER:

1. Networking Basics

Q: Define the following terms:

- LAN (Local Area Network)
- WAN (Wide Area Network)
- Router
- IP Address
- Wi-Fi

2. Write a Python program to calculate the area of a rectangle. The program should ask the user to input the length and width, and then display the area.

3. Write a Python program that asks for a student's marks and then prints:

"Grade A" if the marks are greater than or equal to 80

"Grade B" if the marks are between 60 and 79

"Grade C" if the marks are between 40 and 59

"Fail" if the marks are below 40