



# The Laurence School, Lovedale

## HOLIDAY ASSIGNMENT – DECEMBER 2025

### CLASS IX

#### English

#### Photo Memories & Mini-Story

**Step 1: Take Five Photographs.** During the holidays, click five simple photos of moments you enjoyed. These can include:

- A place you visited
- A favourite meal
- A pet or any animal
- A sunset or scenic view
- A moment with friends or family
- Something funny or unusual

**Step 2: Give Each Photo a Title.** Create a short, catchy title for every photo.  
Examples:

- *“The Giant Ice Cream Disaster”*
- *“Sunset at the Rooftop”*
- *“My Partner in Crime”*

**Step 3: Add a Caption.** Write one sentence below each photo explaining what is happening or how you felt.  
Example:

*“This was the moment I realised climbing rocks isn’t as easy as it looks.”*

**Step 4: Write a Short Narrative (100–120 words).** Use all five photos to create:

- One connected mini-story, OR
- A diary-style holiday entry

**Step 5: Put It All Together.** Present your work as a **mini booklet**.

#### Character Therapy Session!

#### **Task:**

Imagine **any one character** from the Class IX English lessons goes to a **therapist or counsellor**. Your job is to write a script of the therapy session.

**What you must include:**

1. **A short introduction**

- Why the character needs therapy (fear, guilt, loneliness, a mistake they made, a loss they suffered, anger issues, conflict with another character).
- 2. **A dialogue format**
  - Therapist (T): ...
  - Character (C): ...
- 3. **What the character talks about**  
You may include:
  - Their biggest fear
  - A major event that hurt or confused them
  - Something they regret
  - Someone they miss
  - A difficult choice they had to make
- 4. **What the therapist helps them understand**
  - Their emotions
  - Their motivations
  - What they could have done differently
  - How they can heal/grow forward
- 5. **Ending**
  - Write how the character feels after the session.
  - Example: “The character leaves the room calmer, more confident, or hopeful.”

### **“Dear Author” Letter**

#### **Task:**

Write a **personal letter to the author or poet** of any one chapter or poem from the Grade 9 English textbook. Imagine you could send this letter directly to them. **Your letter should include:**

#### **A. Opening (2–3 lines)**

- Introduce yourself
- Mention the lesson/poem you read
- Share one sentence about why you chose it

#### **B. Body Paragraphs**

You may include **any 3–4** of the following:

1. **A scene that touched you or stayed with you**  
Explain why — was it moving, funny, shocking, relatable?
2. **A character you admire or dislike**  
What did they teach you? What confused you? What frustrated you?
3. **Questions you want to ask the author**
  - Why did you choose this ending?
  - Why did this character behave like this?
  - Was this scene inspired by real life?
  - What message did you want readers to take away?

4. **How the lesson/poem changed your thinking**
  - Did it make you kinder, braver, more aware?
  - Did it remind you of a real-life situation?
5. **Suggestions for the author**
  - A character you wished had a bigger role
  - A twist you imagined
  - An alternate ending you would love to see

C. Closing (2–3 lines)

- Thank the author
- Share if you'd like to read more of their work
- A polite farewell

## Mathematics

01. Write down any THREE rational and irrational numbers between  $\sqrt{3}$  and  $\sqrt{5}$ .
02. Represent  $\sqrt{5}$  on a number line.
03. Represent  $\sqrt{7.3}$  on a number line and explain its procedure.
04. Check whether  $(x+2)$  is a factor of  $p(x) = x^3 - 3x^2 + 6x - 7$ .
05. Find the remainder when  $p(x) = x^4 + 5x^3 - 6x^2 + x - 5$  is divided by  $(x+1)$  by long division method and verify it by remainder theorem.
06. Factorize:  $8x^3 + y^3 - z^3 - 6xyz$ .
07. Factorize: a)  $x^2 + 17x + 70$     b)  $x^4 - 16$     c)  $3x^2 + 4x + 1$
08. Find the measure of an angle whose supplementary angle is thrice as that of its complementary.
09. Write any Three Euclid's axioms and postulates.
10. Prove that the angles opposite to equal sides of an isosceles triangle are equal.
11. Construct a Histogram and hence a frequency polygon from the following data:
 

Class	0-10	10-20	20-30	30-40	40-50	50-60	60-70
Freq	3	5	6	10	13	7	4
12. Find the TSA and LSA of a cone of height 8cm and base diameter 12cm.
13. Twenty seven iron balls each of radius 1cm is melted and recast into an iron ball. Find its radius, total surface area and volume.
14. Find the area of a triangle, two sides of which are 8cm and 11cm and the perimeter is 32cm.
15. Show that the bisectors of angles of a parallelogram form a rectangle.
16. Prove that, if the diagonals of a parallelogram are equal, then it's a rectangle.
17. If  $2^x \times 4^x = 8^{\frac{1}{3}} \times (32)^{\frac{1}{5}}$ , find the value of  $x$ .
18. If  $x = 3 + 2\sqrt{2}$ , then find  $(x + \frac{1}{x})$ .
19. Check whether the points a)  $(-3, -2)$     b)  $(2, -1)$     c)  $(0, 5)$  lie on the line  $2x + 3y - 5 = 0$
20. Find the value of 'k', if the point  $(-2, -3)$  lies on the line  $2kx^2 - 5y + 1 = 0$

## SCIENCE

### Instructions:

To be handwritten

To be done in A4 sheets preferably white

Neat labelled diagrams

Can stick pictures wherever necessary

Topic: To compare crops grown in Tamilnadu & West Bengal

Project Outline:

#### 1 Introduction:

- Briefly explaining about Agriculture, crop, different types of crops, conditions required, food security, Kharif & Rabi crops, major groups of activities for improving crop yields
- Introduce both Tamil Nadu and West Bengal as states with unique characteristics in terms of geography, economy and food requirements.
- State the purpose of the project: To compare how these states produce different crops, their sources of irrigation and their efficiency in managing population demands

#### 2 Data Required & Analysis:

- State-wise area, production & yield (annual) by crop,
- Kharif/Rabi season coverage reports, Rainfall data, irrigation area stats
- Challenges & opportunities in both the states, Area share by crop (% of gross cropped area). Contribution to state foodgrain , Irrigated area share .

Comparative study:

- State-wise area, production & yield (annual) by crop, Rainfall data, irrigation area stats, Area share by crop (% of gross cropped area). Contribution to state foodgrain , Irrigated area share

#### 3. Scientific data representation:

- Create Bar graphs, Pie charts, Line graphs

#### 4. Artistic representation:

- Creative Art:
- Students can draw a map of India, highlighting Tamil Nadu and West Bengal, with symbols or icons

#### 5. Impact Analysis:

- Discuss how the differences in food production impact the local population in terms of availability, cost and environmental quality.
- News & policy releases for recent interventions (e.g., irrigation schemes, cold-storage, procurement)
- Focus on government initiatives like subsidies, policies and projects aimed at promoting sustainable livelihood

#### 6. Conclusion:

- Sum up the findings of the comparative study
- Suggest recommendations for improving food/ crop production efficiency in both states
- Encourage the promotion of organic farming

#### 7. Bibliography:

- List of books, articles, web sites and data sources used to gather information for the project.

### **FOREST SOCIETY AND COLONIALISM**

#### **General Instructions:**

1. Prepare a detailed handwritten project on any one of the topics given below.
2. Do some basic research using your textbook and other resources (Chapter – Forest society and colonialism).
3. The project should contain the following:
  - a) Introduction
  - b) A brief description of all the sub-topics mentioned in the topic
  - c) Conclusion
  - d) Bibliography: List the books or websites you used to find your information.
4. You must use collages, posters, maps, charts, diagrams, pictures and postcards to supplement your research.
5. You are requested to attempt any one of the topics given below.

#### **TOPIC I**

#### **"The Nilgiris Under British Rule: How Did Colonialism Change the Land, People, and Environment?"**

In this project, you will research and discuss the following sub-topics:

- **The Nilgiris Before British Rule:** What was life like in the Nilgiris before the British came? Research and create a **picture collage** or **drawing** showing the native people and forests.
- **The British takeover:** How did the British change the Nilgiris? Look at how they introduced **plantations (tea and coffee)**, built **railways**, and made new **forest laws**. You can make a **poster** or **illustration** to show these changes.
- **The Impact of Invasive Plants:** The British brought new plants like **eucalyptus** to the Nilgiris. How did these plants affect the environment? Create a **before-and-after picture** of the land with native plants versus new plants.
- **How Did Local People React?** How did the **Toda** and other tribal communities feel about these changes? Were they forced off their land?
- **The Environmental Impact:** How did the changes made by the British hurt or help the local environment? Draw a simple **chart or diagram** showing how the land changed after the British arrived.
- **The Legacy of Colonialism:** Do you still see signs of British influence in the Nilgiris today? You can make a **"postcard"** showing the Nilgiris now and compare it with how it was during British rule.

**OR**

## **TOPIC II**

### **“The Decline of the forest cover in the Indian subcontinent between 1880 and 1920”**

Between 1880 and 1920, forest cover in the Indian subcontinent declined by 9.7 million hectares, from 108.6 million hectares to 98.9 million hectares. In this project, you will discuss the role of the following factors in this decline using appropriate examples of each:

- Railways
- Shipbuilding
- Agricultural Expansion
- Commercial Farming
- Tea/Coffee plantations
- Adivasi and other peasant users

## **ECONOMICS**

- **THIS TASK IS PART OF THE PROJECT WORK.**
- **TO BE FURNISHED IN A SEPARATE PROJECT FILE.**
- **Students are required to select ANY THREE OF THE FOLLOWING TOPICS and prepare comprehensive projects incorporating thorough analysis and creative presentation.**

## **TOPICS**

- **Food Security: India’s Strengths & Challenges.**  
(Buffer Stock, FCI, MSP, nutrition issues)
- **Study of Mid-Day Meal Scheme in Your School or Local Schools.**
- **Climate Change and Its Impact on Food Security.**  
(Simple explanations + charts + real cases)
- **Make an illustrated booklet on “How a Grain of Wheat Reaches Your Plate”**
- **Design posters on solutions for poverty, unemployment and food wastage separately.**



வகுப்பு:ஒன்பது  
நேரம்

பாடம்:தமிழ்

காலம்:3மணி

குறிப்பு

- உனது தமிழ் பாடநூலை பயன்படுத்தி எழுதவும்,
- தேவைப்பட்டால் நூலகத்தைப் பயன்படுத்திக் கொள்ளலாம்.
- ஒவ்வொரு கட்டுரைகளும் குறைந்தது முன்று பக்கங்கள் இருத்தல் வேண்டும்.

1. கவிஞர் கண்ணதாசன் எழுதிய காலக்கணிதம் பற்றிய செய்திகளைத் தொகுத்து கட்டுரை ஒன்றை இரண்டு பக்க அளவில் எழுதுக.
2. கேட்கிறதா என் குரல் எனும் தலைப்பில் காற்று கூறுவது போல் விரிவான கட்டுரையொன்றை முன்று பக்க அளவில் எழுதுக..
3. தமிழர்களின் பழமையான நீர் மேலாண்மை முறைகள் (ஏரி, குளம், ஊரணி) இன்று ஏன் முக்கியமானவை? என விளக்கமான முறையில் கட்டுரை ஒன்றை எழுதுக.
4. "கிராமப்புற மரங்கள் பேசினால்..." என்ற தலைப்பில் ஒரு மரம் மனிதர்களிடம் சொல்வது போன்ற குறுங்கவிதை (20 வரிகள்) எழுதுங்கள்.
5. தமிழர்கள் விருந்தோம்பலில் தலைச்சிறந்தவர்கள் என்பதை நிறுவும் வகையில் கட்டுரை ஒன்றை எழுதுக.
6. பாதிக்கப்பட்ட ஒரு நதி (மாசடைந்த நதி) தன்னுடைய உயிரை காக்க மனிதர்களிடம் கேட்கும் கோரிக்கையை கட்டுரையாக எழுதுக.
7. "இயற்கை - என் ஆசிரியர்" என்ற தலைப்பில் இயற்கை உங்களுக்குக் கற்றுத்தந்த 5 முக்கியமான பாடங்களை இலக்கிய நடையில் எழுதுங்கள்.
8. பன்முகக் கலைஞர் மு.கருணாநிதி அவர்கள் பற்றிய ஆய்வறிக்கை ஒன்றை எழுது.
9. மொழிபெயர்ப்புக் கல்வியின் முக்கியத்துவம் குறித்த தகவல்களை சேகரித்து கட்டுரை ஆய்வேடு ஒன்றை உருவாக்குக.
10. நீ முன் வகுப்புகளில் பயின்ற இலக்கணப்பிரிவுகளின் குறிப்புகளை தனியொரு விடைக்குறிப்பெடுக்கும் புத்தகத்தில் எழுதி வரவும்(பத்தாம் வகுப்பிற்கு மிக முக்கியம்)

1. अर्थ के आधार पर वाक्य के भेद

- अर्थ के आधार पर वाक्यों के सभी भेद लिखें।
- प्रत्येक भेद का अर्थ लिखें।
- प्रत्येक भेद के 3-3 वाक्य अपने बनाए हुए लिखें।

2. 25 मुहावरे और उनके अर्थ

- स्वयं खोजकर 25 मुहावरे लिखें।
- सभी के अर्थ लिखें।
- किसी 10 मुहावरों का प्रयोग वाक्य में करें।

3. पद के भेद

- पद के सभी भेदों की सूची अर्थ सहित लिखें।
- प्रत्येक भेद के दो-दो उदाहरण स्वयं बनाकर लिखें।
- अपनी पसंद के किसी भी दो छोटे अनुच्छेदों में से 15-20 शब्द चुनकर उनके पद-भेद लिखें।

4. संवाद लेखन - नीचे दिए गए दोनों विषयों पर 8-10 पंक्तियों का संवाद लिखें।

- i. दो मित्रों के बीच परीक्षा की तैयारी पर संवाद।
- ii. पुस्तक मेले में छात्र और दुकानदार के बीच नई पुस्तकों की खरीद पर संवाद।

5. अनौपचारिक पत्र - नीचे दिए गए दोनों विषयों पर 120-150 शब्दों के दो पत्र लिखें।

- i. अपने मित्र को शीतावकाश में हुई किसी रोचक/विशेष घटना के बारे में पत्र।
- ii. अपने भाई/बहन को बोर्ड परीक्षा की तैयारी के सुझाव देते हुए पत्र।

6. Together With - पृष्ठ 267-272

- पुस्तक में दिए गए पृष्ठ 267-272 का संपूर्ण प्रश्नपत्र हल करें।
- प्रारूप और शब्द सीमा का ध्यान रखें।

निर्देश:

1. कार्य को A-4 शीट पर पूरा करें।
2. पूरे प्रोजेक्ट को ट्रांसपेरेंट फाइल-कवर में जमा कराएँ।
3. एक सुंदर कवर पेज बनाएँ और उस पर अपनी पूरी जानकारी लिखें।
4. साफ-सुथरी और स्पष्ट लिखावट में पूरा कार्य लिखें।
5. आवश्यक स्थानों पर संबंधित चित्र भी चिपकाएँ।

**Holiday assignment December-January 2025-26**

**French, Class IX**

1. **Apprendre 400 phrases en français: Écrivez ces phrases dans le cahier avec leur sens: veuillez cliquez sur le lien ci-dessus:**  
<https://youtu.be/z1zGIFvPqno?si=3LKt76fRkGCLx0Rf>
2. Écrivez une lettre à vos parents leur demandant la permission de partir en France pour un voyage scolaire éducatif.
3. Écrivez un poème sur le thème: Le français pour moi.....
4. Projet intégré d'art sur Bengale occidentale et le Tamilnadu, comprenant les monuments, la cuisine, la mode, les bijoux, les langues parlées et la géographie.
5. Écrivez une composition sur le thème: Mes projet d'avenir
6. Écoutez et apprenez par cœur trois chansons françaises.
7. Interrogez vos grands parents et vos parents sur l'argent de poche, combien il en recevaient, s'il travaillaient pour le gagner, ce qu'ils faisaient avec cet argent.
8. Dites aussi combien d'argent de poche vous recevez maintenant, comment et ce que vous faites avec ça.
9. Regardez les films sur youtube et écrivez leur revue:
  1. Les Choristes (2004)
  2. Le Petit Nicolas (2009)
  3. La famille Bélier (2014)
  4. Amelie (Le fabuleux destin de Amelie Poulain) (2001)

**Bon courage et bonnes vacances tout le monde!**