



The Laurence School, Lovedale

HOLIDAY ASSIGNMENT - JUNE 2025

CLASS X

English

Project

Instructions

Each student is required to choose **one** of the following topics and develop a project based on it. The project must follow the **prescribed CBSE format** and be **handwritten**.

Topics (Choose ONE):

1. How do the protagonists in 'A Letter to God' and 'The Thief's Story' demonstrate the power of faith and transformation?

Explore how the characters of Lencho and the young thief go through emotional and moral transformations driven by strong belief systems and personal experiences.

2. "Faith can move mountains" – How is this evident in the characters of Lencho and Nelson Mandela from 'A Letter to God' and *'Nelson Mandela: Long Walk to Freedom'?

Discuss how Lencho's faith in divine help and Mandela's faith in justice and freedom shaped their lives and inspired others.

Project Guidelines:

- **Word Limit:** 800–1000 words
- **Presentation:** The project must be **neatly handwritten** on A4-sized ruled/unruled sheets.
- **Format:** Your project should include the following sections:
 1. **Cover Page** – Title, student's name, class, roll number, and school name
 2. **Acknowledgements** – A brief note of thanks
 3. **Introduction** – A short overview of the selected topic
 4. **Main Content** – Detailed analysis with reference to the texts
 5. **Conclusion** – Personal insight or reflection
 6. **Bibliography** – List of sources/references used
- **Visuals:** Students are encouraged to use **relevant pictures, illustrations, or cut-outs** to enhance the visual appeal and understanding of the topic.

Note:

A sample format is attached below for reference to help you structure your project clearly and effectively.

SAMPLE

COVER PAGE

Title:

Courage in the Face of Adversity: A Comparative Study of 'His First Flight' and 'Nelson Mandela: Long Walk to Freedom'

Name: xyz

Class: X-A

Roll Number:

School: The Lawrence School Lovedale

Acknowledgements

I would like to sincerely thank my English teacher, _____, for his/ her constant support, encouragement, and guidance throughout the completion of this project. I also extend my gratitude to my parents for providing the necessary resources and to my friends who motivated me. This project has helped me understand the deep and inspiring value of courage through literature.

Introduction

Courage is not the absence of fear, but the ability to face it with strength and determination. In both real life and literature, the theme of courage stands as a powerful force that shapes individual journeys and societal transformations. This project explores the representation of courage in two different texts: **'His First Flight'** (part of *Two Stories About Flying*) and **'Nelson Mandela: Long Walk to Freedom'**. While one is a fictional story about a young seagull afraid to fly, the other is an autobiographical account of a real-life hero who led the struggle against apartheid in South Africa. Though their challenges differ in magnitude, both stories showcase how courage enables growth and change.

Main Content

A. Courage in 'His First Flight' by Liam O'Flaherty

The short story 'His First Flight' is about a young seagull who is afraid to fly. Despite his siblings soaring in the sky and his parents urging him to take the leap, the young bird is held back by fear. His lack of self-confidence leads him to believe that his wings won't support him.

But hunger becomes a powerful motivator. When his mother uses a piece of fish to lure him, the young seagull takes a leap—literally—and discovers that he can fly. The moment is magical, filled with joy and realization. It is not just a flight through the air but a flight toward self-reliance and courage.

Quote: "Then, maddened by hunger, he dived at the fish... and he was flying!"

Key Takeaways:

- The seagull represents anyone struggling with self-doubt.
- Fear can be natural, but courage comes from action.
- Sometimes a small step, or leap, changes everything.

B. Courage in ‘Nelson Mandela: Long Walk to Freedom’

This autobiographical extract presents Nelson Mandela’s emotional and mental strength as he shares his journey from a young boy to South Africa’s first Black President. Mandela speaks of how he learned that courage is not the absence of fear, but the triumph over it.

Mandela’s courage was tested by years of imprisonment, discrimination, and loss. Yet, he remained committed to his ideals of equality, democracy, and justice. He fought not just for himself but for the oppressed people of his nation. His leadership inspired not only South Africa but the world.

Quote: “I was not born with a hunger to be free. I was born free... But I slowly saw that not only was I not free, but my brothers and sisters were not free.”

Key Takeaways:

- Mandela’s courage was moral and political.
- He endured great pain without hatred.
- His bravery laid the foundation for a free and democratic nation.

C. Comparison of the Two Texts

Aspect	<i>His First Flight</i>	<i>Nelson Mandela: Long Walk to Freedom</i>
<i>Type</i>	<i>Fictional short story</i>	<i>Autobiographical nonfiction</i>
<i>Protagonist</i>	<i>Young Seagull</i>	<i>Nelson Mandela</i>
<i>Type of Courage</i>	<i>Personal, emotional</i>	<i>Social, moral, political</i>
<i>Obstacle</i>	<i>Fear of flying</i>	<i>Oppression and injustice</i>
<i>Result</i>	<i>Gains confidence and flies</i>	<i>Leads a nation to freedom</i>
<i>Message</i>	<i>Courage lies in self-belief</i>	<i>Courage brings justice and change</i>

Both characters show that courage does not require the absence of fear. In fact, it is the fear that makes courage meaningful. Whether in the sky or on the streets, bravery begins with a choice to act despite fear.

Conclusion

Courage manifests differently in every individual. Through the young seagull, we learn that sometimes, we just need to trust ourselves to overcome fear. Through Nelson Mandela, we understand the power of standing firm in one’s beliefs, even when the world is against you. Literature, as shown in these two texts, teaches us that courage is a powerful tool—it can help one fly, and it can help a nation rise.

Bibliography

- NCERT English Textbook: First Flight – Class X
- O’Flaherty, Liam. *His First Flight*
- Mandela, Nelson. *Long Walk to Freedom*
- www.cbseacademic.nic.in
- <https://ncert.nic.in/textbook.php>
- Notes from English classroom lectures

MATHEMATICS

1. If $x = 5$ is a solution of the quadratic equation $2x^2 + (k - 1)x + 10 = 0$, then the value of k is :
(A) 11 (B) -11
(C) 13 (D) -13
2. The pair of equations $x = 2a$ and $y = 3b$ ($a, b \neq 0$) graphically represents straight lines which are :
(A) coincident (B) parallel
(C) intersecting at $(2a, 3b)$ (D) intersecting at $(3b, 2a)$
3. If $(k, 3)$ is the point of intersection of the lines represented by $x + py = 6$ and $x = 15$, then (k, p) will be :
(A) $(15, 3)$ (B) $(15, -3)$
(C) $(3, 15)$ (D) $(-15, 3)$
4. The system of equations $y + a = 0$ and $2x = b$ has
(A) No solution (B) $\left(-a, \frac{b}{2}\right)$ as its solution
(C) $\left(\frac{b}{2}, -a\right)$ as its solution (D) Infinite solutions
5. $(1 + \sqrt{3})^2 - (1 - \sqrt{3})^2$ is :
(a) a positive rational number. (b) a negative integer.
(c) a positive irrational number. (d) a negative irrational number.
6. Let $p = x^2 y^3 z^n$ and $q = x^3 y^m z^2$, where x, y, z are prime numbers. If $\text{LCM}(p, q) = x^3 y^4 z^3$, then the value of $(2m + 3n)$ is
(A) 18 (B) 17
(C) 15 (D) 14
7. If the zeroes of the quadratic polynomial $x^2 + (a + 1)x + b$ are 2 and -3, then
(A) $a = -7, b = -1$ (B) $a = 5, b = -1$
(C) $a = 2, b = -6$ (D) $a = 0, b = -6$

8. If α and β are the zeroes of the polynomial $x^2 - 1$, then the value of $(\alpha + \beta)$ is
 (A) 2 (B) 1
 (C) -1 (D) 0
9. If 'p' is a root of the quadratic equation $x^2 - (p + q)x + k = 0$, then the value of 'k' is
 (A) p (B) q
 (C) p + q (D) pq
10. The value of k for which the pair of equations $kx = y + 2$ and $6x = 2y + 3$ has infinitely many solutions,
 (A) is $k = 3$ (B) does not exist
 (C) is $k = -3$ (D) is $k = 4$
11. Prove that $7 - 3\sqrt{5}$ is an irrational number, given that $\sqrt{5}$ is an irrational number.
12. Find a quadratic polynomial whose sum of the zeroes is 8 and difference of the zeroes is 2.
13. Find the values of x and y from the following pair of linear equations

$$62x + 43y = 167$$

$$43x + 62y = 148$$
14. If Nidhi were 7 years younger than what she actually is, then the square of her age (in years) would be 1 more than 5 times her actual age. What is her present age?
15. A shopkeeper buys a number of books for ₹ 1,800. If he had bought 15 more books for the same amount, then each book would have cost him ₹ 20 less. Find how many books he bought initially.
16. If α, β are the zeroes of the polynomial $3x^2 - 13x - 10$, then find the value of $(3\alpha + 1)(3\beta + 1)$.
17. The sum of the digits of a 2-digit number is 12. Seven times the number is equal to four times the number obtained by reversing the order of the digits. Find the number.

18. Check whether the given system of equations is consistent or not. If consistent, solve graphically.
- $$x - 2y = 0$$
- $$2x + y = 0$$
19. Find the smallest value of p for which the quadratic equation $x^2 - 2(p + 1)x + p^2 = 0$ has real roots. Hence, find the roots of the equation so obtained.
20. Solve for x and y :
- $$\sqrt{2}x + \sqrt{3}y = 5 \text{ and}$$
- $$\sqrt{3}x - \sqrt{8}y = -\sqrt{6}$$
21. State true or false for each of the following statements and justify in each case :
- (i) $2 \times 3 \times 5 \times 7 + 7$ is a composite number.
- (ii) $2 \times 3 \times 5 \times 7 + 1$ is a composite number.
22. Find the value(s) of p for which the quadratic equation given as $(p + 4)x^2 - (p + 1)x + 1 = 0$ has real and equal roots. Also, find the roots of the equation(s) so obtained.
23. Prove that $\sqrt{5}$ is an irrational number.
24. Using prime factorisation, find HCF and LCM of 96 and 120.
25. A train travels at a certain average speed for a distance of 54 km and then travels a distance of 63 km at an average speed of 6 km/h more than the first speed. If it takes 3 hours to complete the journey, what was its first average speed ?
26. Check whether the given system of equations is consistent or not. If consistent, solve graphically.
- $$x - 2y = 0$$
- $$2x + y = 0$$

27.

Solve the following system of equations graphically :

$$2x + 3y = 6$$

$$x + y - 1 = 0$$

Also, find the sum of ordinates of the points where given lines meet y axis.

SCIENCE

CHEMISTRY

Choose the correct alternative:

1. Barium chloride on reacting with ammonium sulphate forms barium sulphate and ammonium chloride. Which of the following correctly represents the type of the reaction involved?

(i) Displacement reaction (ii) Precipitation reaction (iii) Combination reaction (iv) Double displacement reaction

(a) (i) only (b) (ii) only

(c) (iv) only (d) (ii) and (iv)

2. Which among the following statement(s) is(are) true? Exposure of silver chloride to sunlight for a long duration turns grey due to

(i) the formation of silver by decomposition of silver chloride

(ii) sublimation of silver chloride

(iii) decomposition of chlorine gas from silver chloride

(iv) oxidation of silver chloride

(a) (i) only (b) (i) and (iii)

(c) (ii) and (iii) (d) (iv) only

3. Which of the following is not a physical change?

(a) Boiling of water to give water vapour (b) Melting of ice to give water (c)

Dissolution of salt in water

(d) Combustion of Liquefied Petroleum Gas (LPG)

Following questions consist of two statements – Assertion (A) and Reason (R).

Answer these questions selecting the appropriate option given below:

(a) Both A and R are true and R is the correct explanation of A.

(b) Both A and R are true but R is not the correct explanation of A.

(c) A is true but R is false.

(d) A is false but R is true.

4. Assertion (A) : Decomposition of vegetable matter into compost is an example of exothermic reactions.

Reason (R) : Exothermic reaction are those reactions in which heat is evolved.

5. Assertion (A) : Calcium carbonate when heated gives calcium oxide and water.

Reason (R) : On heating calcium carbonate, decomposition reaction takes place

6. What happens when copper powder is heated?

7. Define: Rancidity
8. Give an example of photochemical decomposition reaction.
9. On what basis is a chemical equation balanced?
10. State any two observations in an activity suggesting the occurrence of a chemical reaction.
11. A substance X, which is an oxide of a group 2 element, is used intensively in the cement industry. This element is present in bones also. On treatment with water it forms a solution which turns red litmus blue. Identify X and also write the chemical reactions involved.
12. A magnesium ribbon is burnt in oxygen to give a white compound X accompanied by emission of light. If the burning ribbon is now placed in an atmosphere of nitrogen, it continues to burn and forms a compound Y.
- (a) Write the chemical formulae of X and Y.
- (b) Write a balanced chemical equation, when X is dissolved in water.
13. Complete the missing components/variables given as x and y in the following reactions:
- (a) $\text{Pb}(\text{NO}_3)_2 (\text{aq}) + 2\text{KI}(\text{aq}) \rightarrow \text{PbI}_2 (\text{x}) + 2\text{KNO}_3(\text{y})$
- (b) $\text{Cu}(\text{s}) + 2\text{AgNO}_3(\text{aq}) \rightarrow \text{Cu}(\text{NO}_3)_2(\text{aq}) + \text{x}(\text{s})$
- (c) $\text{Zn}(\text{s}) + \text{H}_2\text{SO}_4(\text{aq}) \rightarrow \text{ZnSO}_4(\text{x}) + \text{H}_2(\text{y})$
- (d) $\text{CaCO}_3(\text{X}) \rightarrow \text{CaO}(\text{s}) + \text{CO}_2(\text{g})$
12. Write the formula and then balance the following equations.
- a. Butane (C_4H_{10}) + Oxygen Carbon dioxide + Water
- b. Magnesium + Silver nitrate Magnesium nitrate + Silver
- c. Lime water + Carbon dioxide Calcium carbonate + Water
- d. Sodium + Water Sodium hydroxide + Hydrogen
- e. Calcium carbonate + Water + Carbon dioxide Calcium bicarbonate

BIOLOGY

Choose the correct alternative:

1. In amoeba, food is digested in the:
 (a) Food vacuole (b) Mitochondria (c) Pseudopodia (d) Chloroplast
- 2 In which of the following groups of organisms are food materials broken down outside the body and absorbed?
 (a) Mushroom, green plants, amoeba

- (b) Yeast, mushroom, bread mould
- (c) Paramecium, amoeba, cuscuta
- (d) Cuscuta, lice, tapeworm

3. The contraction and expansion movement of the walls of the food pipe is called:

- (a) Translocation (b) Transpiration (c) Peristaltic movement (d) Digestion

Following questions consist of two statements – Assertion (A) and Reason (R).

Answer these questions selecting the appropriate option given below:

- (a) Both A and R are true and R is the correct explanation of A.
- (b) Both A and R are true but R is not the correct explanation of A.
- (c) A is true but R is false.
- (d) A is false but R is true.

4. Assertion (A) : In anaerobic respiration, one of the end product is alcohol.

Reason (R) : There is an incomplete breakdown of glucose.

5. Assertion (A) : Bile is essential for digestion of lipids.

Reason (R) : Bile juice contains enzymes.

6. What is the mode of nutrition in fungi?

7. Name one organism each having saprophytic, parasitic and holozoic modes of nutrition.

8. Name the process by which plants make food.

9. In addition to carbon dioxide and water state two other conditions necessary for the process of photosynthesis to take place.

10. Name the enzyme present in human saliva. What type of food material is digested by this enzyme?

11 (a) What is chlorophyll? What part does chlorophyll play in photosynthesis?

(b) (i) Which simple food is prepared first in the process of photosynthesis?

(ii) Name the food which gets stored in plant leaves.

12 (a) Photosynthesis converts energy X into energy Y. What are X and Y?

(b) State the various steps involved in the process of photosynthesis.

13 (a) Which part of the body secretes bile? Where is bile stored? What is the function of bile?

(b) What is trypsin? What are its functions?

14 a) Why is the small intestine in herbivores longer than in carnivores?

(b) What will happen if the mucus is not secreted by the gastric glands?

- (c) What causes movement of food inside the alimentary canal?
- (d) What is the role of acid in our stomach?
- (e) How are alveoli designed to maximise the exchange of gases?

SOCIAL SCIENCE

General instruction:

- *The enrichment task has to be done on an A4 size paper with proper classification.*
- *The task has to be handwritten. Printed work will not be accepted.*
- *Relevant pictures to be added.*
- *Students must mention their name, class, section in the cover page.*
- *For History minimum pages- 8-10(including cover page and index)*
- *For Geography, minimum pages 5 to 7.*
- *Submission- start of 2nd term.*

Holiday Assignment 2025-26

Geography

Make a project file on 'Sustainable development in Indian context'.

1. Define sustainable development. Why is sustainable development important for India?(150-200 words.)
2. Explain the three pillars of sustainable development. (Environmental, Economic, Social).
3. Case study: How a village or city in India is promoting sustainability. (250-300 words)
4. Any ONE of the following (choose creatively):
 - Make a poster on "Save Earth, Go Green".
 - Create a slogan or poem about protecting nature or sustainable living.
 - Design a recycled craft item and share photos with a short explanation.

History/Pol Sc.

1. **Introduction:** Define the chosen issue and provide a brief overview in both global and national contexts.
2. **Nature of the Issue:** Choose and make a project file on any one from the following topics. Give historical context of the chosen topic with regard to India.
 - Social Justice Issues
 - Community Issues
 - Political Issues
 - Economic Issues
 - Environmental Issues
 - Technical Issues
 - Human Rights Violations

3. **Case Study / Real-Life Examples:** Include national or global case studies with details of government or NGO initiatives.
4. **Analysis:** Analyze the causes and impact of the issue. Discuss challenges in addressing it.
5. **Role of Government and Citizens:** Discuss laws, policies, constitutional articles, and the role of public participation and civil society.
6. **Suggestions and Solutions:** Suggest practical and innovative solutions. List a few awareness raising efforts by national and International governing bodies.
7. **Conclusion:** Summarize your findings and reflect on the civic responsibility to address the issue.
8. **Bibliography:** List all references including books, websites, articles, and documentaries.

தமிழ் விடுமுறை கால பணிகள்

வகுப்பு:பத்து

பாடம்:தமிழ்

காலம்:4 மணி நேரம்

குறிப்பு

- உனது தமிழ் பாடநூலை பயன்படுத்தி மட்டுமே இப்பணிகளைச் செய்தல் வேண்டும்.
- தேவைப்பட்டால் இணையதளத்தை பயன்படுத்திக் கொள்ளலாம்.
- ஒவ்வொரு கட்டுரைகளும் குறைந்தது மூன்று பக்கங்கள் இருத்தல் வேண்டும்.

வினாக்கள்

- 1.தமிழ்ச்சொல் வளம் எனும் தலைப்பில் பாடநூல் துணைகொண்டு கட்டுரை வரைக.
- 2.கேட்கிறதா என் குரல் என காற்று உன்னுடன் பேசுவது போல் கலந்துரையாடல் ஒன்றை ஐந்து பக்க அளவில் எழுதுக.
- 3.தமிழர் மரபில் விருந்தோம்பல் எனும் தலைப்பில் ஆய்வேடு ஒன்றை உருவாக்குக.
- 4.செம்மொழித் தமிழுக்கு வளம் சேர்க்கும் மொழி பெயர்ப்புக்கலை என்ற தலைப்பில் வார இதழ் ஒன்றிற்கு நடுபக்கக் கட்டுரை வரைக.
- 5.செயற்கை நுண்ணறிவு எனும் தலைப்பில் கட்டுரை வரைக.
- 6.பன்முகக் கலைஞர் எனும் தலைப்பில் சான்றுகளுடன் கட்டுரை ஒன்றை உருவாக்குக.

8. தமிழ் இலக்கியம் - சிறுகதை திறனாய்வு

✓ ஒரு சிறுகதை (உ.தா: அறம் (Aram), படையல் (Padaiyal), தங்கப்புத்தகம் (Thanga Puthagam) ஆகிய நூல்கள் ஜெயமோகன் (Jeyamohan) எழுதியவை.

சாய்வு நாற்காலி (Saivu Narkali) தோப்பில் முகமது மீரான் (Thoppil Mohamed Meeran) எழுதியது, புயலிலே ஒரு தோணி (Puyalilae Oru Thoni) L. சிங்காரம் எழுதியது போன்ற சிறுகதைகள் படித்து, கீழ்க்காணும் அடிப்படைகளில் பகுப்பாய்வு செய்யுங்கள்:

- கதையின் தலைப்பு, முக்கிய பாத்திரங்கள்,
- கதைச் சுருக்கம், முக்கியக் கருத்து

- என் பார்வையில் கதை.

முக்கிய குறிப்பு :

- தமிழ் சொல்லாக்கம் திறன் போட்டி(PREPARE FOR TAMIL SPELLBEE COMPETITION)
- தமிழ் செய்யுள் ஒப்புவித்தல் போட்டி(PREPARE FOR TAMIL POEM RECITATION COMPETITION)(சங்க இலக்கியம் பாடல்,பக்தி இலக்கியப்பாடல், இக்கால இலக்கியப்பாடல்(திரையிசை பாடலாகவும் இருக்கலாம்).
- தமிழ் கதைக்கூறும் போட்டி/பேச்சுப்போட்டி (PREPARE FOR TAMIL STORY TELLING PREPARED SPEECH COMPETITION)

இரண்டு மரக்கன்றுகளை வளர்க்க முயற்சி செய்

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हिंदी- द्वितीय भाषा

कक्षा 10

1. सामूहिक परियोजना कार्य । (Group Project)

विषय . तमिलनाडु एवं गुजरात में समानता एवं तुलनात्मक अध्ययन (कोई एक विषय)

1. वेशभूषा और खान-पान
2. भाषा और साहित्य
3. प्राकृतिक सौंदर्य और वन्य जीवन
4. त्योहार और संस्कृति
5. प्रसिद्ध मंदिर और तीर्थस्थान
6. दर्शनीय स्थान

2. विषय संवर्धन गतिविधि । (Individual)

1. विज्ञापन (कोई भी पाँच)
2. सूचना (कोई भी पाँच)
3. ई मेल (कोई भी पाँच)
- 4 औपचारिक पत्र (कोई भी पाँच)

नोट- ए 4 सीट पर हल करके फाइल (File) में लाना अनिवार्य है।

FRENCH

Les lettres (Cinq de votre choix)

1. Donnez des conseils à ami qui est au chômage et cherche un emploi.
2. Décrivez le système d'enseignement en France à votre mère.
3. Donner des conseils a quelqu'un comment protéger l'environnement.
4. Écrivez une lettre à votre ami indien et décrivez le système politique indien.
5. Écrivez une lettre à votre cousin décrivant votre nouvel emploi.
6. Écrivez une lettre à votre ami qui était malade comment être en bonne forme.
7. Écrivez une lettre à vos parents décrivant comment vous vous êtes inscrits à une bibliothèque et quels sont ses avantages.
8. Écrivez une lettre à votre cousin décrivant on livre que vous avez lu / ou/ un livre que vous avez vu pendant les vacances.

Section D:

10. Toutes les questions de « Together with French » concernant la culture et la civilisation:
Leçons 2, 3, 4, 5, 6, 7, 8, 10

Les compétitions : (préparations)

11. Apprenez une chanson ou un poème pour « French poetry recitation competition »
ou
Préparez sur un des thèmes pour « French Speech competition »
12. Apprenez le vocabulaire du livre 'Entre Jeune-2' du glossaire de page 127 jusqu'à page 131 pour : 'Spellbee competition'

Art integrated project:

13. Décrivez l' état de Tamil Nadu sur les aspects suivants :
 - Les vêtements,
 - Les bijoux,
 - La nourriture (La cuisine),
 - La Langue,
 - Les monuments et Les Temples,
 - La situation géographique

FINE ARTS HOLIDAYS ASSIGNMENT

Draw any 10 drawings by using pencil, charcoal, charcoal pencil, brush pen, and drawing pen on A4 cartridge/drawing papers.







































