PM SHRI KENDRIYA VIDYALAYA NO.2 JAIPUR
AUTUMN BREAK HOLIDAY HOME WORK

CLASS- XI (Maths)

1. Complete all Maths lab activities assigned in the class in Activity Notebook
2. Solve three sample question papers shared by the teacher for the preparation of half yearly exam.

CLASS- XII (Maths)

1. Complete all Maths lab activities assigned in the class in Activity Notebook
2. Solve the following question papers in the notebook.
   (a) Sample QP of 2026-27 and 2025-26 published by CBSE.
   (b) CBSE main exam QP and Compartment Exam QP of 2025-26.
   (c) Four sample QP shared by the teacher.

Preeti Meena

PGT(Maths)

PM SHRI KENDRIYA VIDYALAYA



NO 2 JAIPUR

PORTFOLIO

NAME:_____

CLASS -SECTION:_____

BOARD ROLL NO:_____

SESSION : _____

SUBJECT : ARTIFICIAL INTELLIGENCE

SUBJECT CODE : 417

SUBMITTED TO:

Ms. Tarannum Shaikh PGT

(Comp. Sc.)

My Profile

Name: ……..

Class & Section: ……

Roll No: ……..

Mother's Name: ……..

Father's Name: ……..

School:…….. ……..

Address:…….. ……..

Contact: ……..

Blood Group: ……..

My Strength: ……

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I am good at: ……

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My hobbies: ……

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My limitations:……

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I want to learn: ……

I want to be: ……

About Artificial Intelligence-

1. **What is Artificial Intelligence? Explain its domains.**

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2. The world around us is filled with various applications of AI. Write 5-5 examples of each domain of AI being used by us in real life.

3. What is AI Project cycle? Explain its various stages.

4. What are Ethical Frameworks? Why do we need Ethical Frameworks for AI?

5. What is the difference between classification and regression model? Explain with graph.

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6. What is the difference between clustering and association model? Explain with graph.

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7. How grey scale images are different from RGB images?

8. How Script bot and smart bot are different from each other?

9. What is confusion matrix? Define the terms Accuracy, Precision, Recall and F1 Score with their formulas.

10. Explain the following- Supervised, unsupervised and reinforcement Learning

11. What is Artificial Neural Networks? Draw its diagram. Write any 4 features of Artificial Neural Networks.

12. Explain the following-

- Train-test split
- Needs of Train-test split
- Accuracy
- Error

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13. An AI model analyzed data for 500 students and predicts their result. The prediction are as follows:

i. Model predicted Pass students and student passed 230

ii. Model predicted Pass and students failed 70

iii. Model predicted fail and students failed 110

iv. Model predicted failed and student passed 90

Draw a confusion matrix and calculate accuracy, precision, recall and F1 score.

THANK YOU

Chemistry and Science

Date : _____

Holiday Home-work.

Class 8-D.

- Exercise of chapter Particulate nature of matter
- Preparation of MDP
- Preparation of LD
- Snapshots of chapters.

Class. 11-C

- Exercises of chapter Thermodynamics
- Preparation of Notes of chapter Thermodynamics

Class. 12B

- Exercises of chapter Amine.
- Notes preparation of Aldehyde, ketone & Carboxylic acid
- Preparation of chemistry Project
- Preparation of Practical file of chemistry
- Notes on named Reaction

KV No2 JAIPUR
ASL PROJECTS (CBSE)
SESSION 2026-27
CLSS XI

NOTE FOR STUDENTS ON WHAT TO WRITE IN THE PROJECT: The Project will include the following sections:

a)Acknowledgement
b)Certificate
c)Content :
I)Introduction of what they are going to write about
ii)Procedure
iii)Output of the project : a story/ a report/ an interview/ a letter/ autobiography/travelogue/poetry/article etc.------ PASTE RELEVANT PICTURES
iv)Conclusion
v)Bibliography

WORD LIMIT : 800-1000 words.
Material : FILE

ROLL NO 1 - 5
TOPIC : POSTER DESIGNING

1.What is a POSTER ?
2.How have POSTERS originated?
3.What is the need/purpose of a POSTER?
4. What kinds of POSTERS do you know ?
5.How are POSTERS generated/DESIGNED to create awareness ?
6. Who are the people involved in a Poster ?
7.What is the format of a POSTER?
8.What are the types of POSTER in your syllabus ?
9.How do you write a POSTER ?
10. PASTE SOME PICTURES OF ATTRACTIVE POSTERS.
10. What are the important ingredients of a Poster.
11. Draw a Colourful layout of a Poster.

ROLL NO 6-10
TOPIC: A PHOTOGRAPH

1.Write the poem in your file.
2. Write the summary of the poem.
3.Mention the poetic devices used in the poem by the poet. Mention them with examples from the poem.
4.Mention the rhyme scheme used by the poet in the poem.
5. Mention the PHASES OF LIFE suggested by the poet. Paste pics.
3. Write about the poet- SHIRLEY TOULSON – Her life, career, books/poems that she has written.
4. Paste pics in support of the poem.

5.What do you think is a Photograph? Why do we preserve photographs ?
6.Do photographs affect you? How?
7..What do you say about the poem ? Write your views about the poem.
8.Write some exclusive quotations on the topic ''PHOTOGRAPHS''
9.Write a song or a poem in English which is dedicated to the topic ''PHOTOGRAPH".

ADVENTURE 3 ROLL NO 11-15
TOPIC: ADVENTURE
1.What is a travelogue?
2.What does a travelogue contain?
3.What is the format of a travelogue?
4.Who writes it?
5. Mention some famous travelogues that have been written so far?
6.Write down the Summary of adventure?
7.What is the message of the lesson?
8.What is the significance of the title ADVENTURE?
9.Draw/Paste pics showing the various stages in the development of the lesson .
10. Write your impression about time travel. Paste pictures also.

ROLL NO 16-20
TOPIC: MOTHER'S DAY
1.What is the genre of the piece?
2.Write a few words about the writer.
3.What moral issue does the story raise?
4.Mention the theme of the story?
5.Write in your own words the summary of the story/play.
6.Who are the characters in the story? Mention them.
7.Pick up a scene from the drama/play . Write a script for the scene.
8.Give a pictorial representation of the play.
9.Draw/Paste the picture of the Pearson family. Draw a character sketch of Mrs Annie Pearson in a few lines.
10. "Mother is just like the air we breathe in". explain with reference to the lesson. Paste some pictures associated with the mother.

ROLL NO 21-25
TOPIC : DISCOVERING TUT THE SAGA CONTINUES
1.What message is conveyed through the lesson?
2.What do you think is the lesson all about?(Theme)
3.What does the title of the lesson suggest?
4.What are the main events in the lesson?
5. Describe in your own way the character sketch of King TUT.
6. Elaborate the lesson with suitable pictures.
7.What do you know about the pyramids and mummies of Egypt? Describe them.Paste some pictures.
8. What is CT Scan?What did it reveal about KING TUT.

9.Do you find the ending of the lesson appropriate. Yes/No. Give reasons in support of your answer.

ROLL NO 26-30

TOPIC: THE SUMMER OF THE BEAUTIFUL WHITE HORSE

1.How does the story begin?
2.Who is MOURAD in the story?
3.What is the HALLMARK OF GAROGHLANIAN TRIBE in the story?
4.What is the setting of the story?
5.What is the theme of the story ?
6. Do you think Mourad had stolen the horse?
7.Paste a map of Asia and Europe and Locate Armenia, Russia, Ukraine and Uzbekistan in it .
8.What are the points to remember from the lesson?
9.What message does the story convey in the end?
10. Draw/Paste pictures based on the lesson.
11. Paste some pictures of Tribal people like Gurzars,Bhotias,Boxas and Rajis from Uttarakhand.

ROLL NOS 31-35

TOPIC: WE ARE NOT AFRAID TO DIE IF WE CA ALL BE TOGETHER

1.Write ONE PAGE about the writer of the lesson .
2.What is the moral of the lesson?
3.Who are the important characters in the lesson
4.What are the issues that the lesson deals in?
5.Do you hold the view that the story is written in an excellent manner? Support your view by stating examples from the story. Paste some colourful pictures based on the lesson.
6.Describe the different parts of a ship?Draw a picture of a ship on sail.
7.What is the setting of the lesson?
8.What impression of the narrator do you form on reading the story?
9. State the different difficult terms used to describe the voyage.
10. Draw a map of the route undertaken by Captain James Cook and the narrator along with his family.

ROLL NOS 36-40

TOPIC: THE VOICE OF THE RAIN

1.Write a brief note on the biography of the poet.
2.Describe water cycle?Draw a colourful picture of water cycle.
3.Write down the conversation between the rain and the poet.
4.Describe your own experiences about rainy season. Paste some colourful pictures also.
5.Write down the gist/summary of the poem .
6.Write down a similar poem using some beautiful pictures.
7. Pick out the literary devices/poetic devices from the poem.

ROLL NOS 41-45

TOPIC: THE ADDRESS

1.Brifly describe the consequences of the First & Second World War. Paste some pictures of both wars.

2.Write down the summary of the Lesson'THE ADDRESS". Paste some pictures also.

3. What is the theme of the lesson?

4.Who are the important characters of the story ?

5.What message does the story convey.

6.Supplement your project by pasting pictures related to the incidents narrated in the chapter.

7. Write a few lines about the ongoing Ukraine- Russia war. Paste some pictures also.

EXAMPLE :

PROJECT BASED ASSESSMENT 2025-26

Prepare a project on the topic-CHILD LABOUR, by using the given clues/headings:

(Approximately 1000 Words)

1.Self-Introduction /Acknowledgement/Certificate

2.Aim/Objective/Purpose of the project.

3.Introduction of the topic/Index.

4.Brief history of the topic.

5.Advantage / Disadvantage of CHILD LABOUR.

6.Role of ILO to handle this CHILD LABOUR.

7.Role/step of India to control CHILD LABOUR.

8.How to eradicate CHILD LABOUR.

9.Your personal view on this topic as Self-awareness/RESEARCH

10.Conclusion (Message/Complement/Lesson)

11.Bibliography/Reference

Note:1. Use A4 size paper.

2. You may draw pictures/diagrams for interpretation.

3. Legibility, accuracy and fluency will be counted.

4. Last date of submission is 2nd January 2026.

The evaluation of the project will be based on the following Rubrics:

Sl no.	Item	Marks
1	Quality &originality of the content=	3
2	Visual presentation of the facts like Description/content/picture /map/Diagram/derivation etc.=	3
3	Over all presentation(Handwriting &word limit etc. =	2
4	Assessment of the project through Questionnaire(10 MCQs/ viva) =2	
	Total	10 Marks

KV NO 2 Jaipur Cantt.

Class XI, English Core

Holidays 'home assignment for Autumn Break

Answer to the following questions in your English note book .

1 Solve the sample question Paper in your own notebook.

2 Draft two Poster making and two advertisements in your own words.

I Avoid drinks and drugs

II Cleanliness is next to Godliness

III situation vacant

IV situation wanted

V blood donation

3 Write two Speech on –

I- Importance of Outdoor Games

II Girl education

4 Memorize all the important questions from taught topics

5 Prepare a debate for and against the motion-

on the topic- "Social Media helps us to make friends " and

Is education curbing corruption?

6 Summarize the topic – "Mother's Day " and the address in your own words.

7 Prepare a project in more than 1000 words on the topic alloted in the list. (In the project file)