

DAV PUBLIC SCHOOL, SECL BISHRAMPUR
AUTUMN BREAK HOMEWORK
SESSION:2026-27

CLASS-X

SUB: ENGLISH

Students will make a group of four and create a ppt presentation on the given topics.
(Any one out of the two)

Topic 1: A JOURNEY THROUGH POETIC DEVICES

1. **TITLE PAGE** : School's name, Title of the project, student name, roll number, class/section, and teacher's name.
2. **Acknowledgement**: Expressing gratitude to the school, principal, and teacher.
3. **Index / Table of Contents**: Serialized list of headings and Slide numbers.
4. **Objectives**: Overview of the chosen topic and goals.
5. **Body / Main Content** :
 - a) Introduction of poetic devices
 - b) The purpose of using poetic devices in literature
 - c) Different types of poetic devices, definition and examples from the prescribed poems of 'English Communicative' curriculum.
6. **CONCLUSION**
7. **BIBLIOGRAPHY / REFERENCES**

2. ANALYSIS OF A LITERARY TEXT

1. **TITLE PAGE** : School's name, Title of the project, student name, roll number, class/section, and teacher's name.
2. **Acknowledgement**: Expressing gratitude to the school, principal, and teacher.
3. **Index / Table of Contents**: Serialized list of headings and Slide numbers.
4. **Objectives**: Overview of the chosen topic and goals.
5. **Body / Main Content** :
 - a) **TITLE**
 - b) **ABOUT THE AUTHOR**
 - c) **GENRE**
 - d) **OBJECTIVES**
 - e) **PLOT / SETTING**
 - f) **CHARACTERS**
 - g) **PROGRESSION OF ACTION**
 - h) **SUMMARY**
 - i) **TONE & MOOD**
 - j) **LITERARY DEVICES**
 - k) **THEME**
 - l) **MESSAGE**
6. **CONCLUSION**
7. **BIBLIOGRAPHY / REFERENCES**

(TEXT TO BE ANALYSED: a. VIRTUALLY TRUE b. Snake c. Patol Babu Film Star d. The Rime of the Ancient Mariner Part-I e. The Rime of the Ancient Mariner Part-II (Any one to be chosen))

Hindi

1. पोर्टफोलियो बनाना
2. अनुच्छेद लेखन:
 - I.साइबर सुरक्षा: जागरूकता ही समाधान
 - II.सौर ऊर्जा सस्ती और स्वच्छ ऊर्जा
- 3.व्याकरण खंड की पूर्ण तैयारी।

Sanskrit

संस्कृत(A3 साइज पेपर में)

कथा लेखनम्. (कोई दो)

1. साधुवृत्तिं समाचरेत्
2. आज्ञा गुरुणां हि अविचारणीया
3. नास्ति त्याग समम् सुखम्

Mathematics

1. Solve CBSE sample question paper 2026-27 for Mathematics Basic and Mathematics Standard.
2. Solve five competency based questions from each chapters.
3. Solve Assertion and Reason questions from each chapter.

Science

BIOLOGY

1. DO the case-based question and extra question given, in your notebooks from the chapter-“Why do organism reproduce”?
2. Do the intext question and exercise question from the same chapter.

PHYSICS

1. Learn and revise the topic taught in class of chapter – Electricity.
2. To practise all the solved numericals of NCERT (Chapter – Electricity) in notes copy.

CHEMISTRY

1. Practice 20 nomenclature from chapter 4 including each functional group taught.
2. Differentiate between electrovalent and covalent compounds.(7points) with examples
- 3.Do 20 objective type questions from metals non metal (chapter 3)
- 4 Explain the process of extraction of copper, zinc ,Sodium ,mercury, Iron .Along with the balanced chemical equations.

Social Science

Prepare a port folio on the basis of following points.

SOCIAL SCIENCE

PORTFOLIO

Class X Academic Session: 2026–27

1. My Introduction

- Name: _____

- Class and Section: _____

- Roll Number: _____

- School Name: _____

2. My Academic Achievements

1. Previous Class Examination Results (Subject-wise Marks Table):

SUBJECT	MAX MARKS	OBTAINED
ENGLISH		
HINDI/SANSKRIT		
MATHAMATICS		
SCIENCE		
SOCIAL SCIENCE		
I.T		

2. Highest Marks Obtained in Tests Conducted During This Academic Session

In social science

PERIODIC TEST & HALF YEARLY EXAM 2026-27

Periodic test I

PERIODIC TEST II

HALF YEARLY

3. Awards Received / Positions Secured in Competition.

Inter house comp./ Cluster/Zonal Sports meet.2025 -26 ,2026-27

2025-26

2026-27

4. My Creativity Corner

A. History: Locate important place (as per cbse syllabus) of Indian national movement

B. Geography: Prepare a project on an important geographical topic /features chapter wise as per given syllabus on cbse (List of the maps) political map of India.

5. My Goal for the Next Pre board and Board Examination in Social science.

PRE BOARD I

PREBOARD II

BOARD

5. Teacher's Remarks

Teacher's Signature: _____

AI

1. Define Computer Vision and write five applications.
2. Explain pixels, image resolution and RGB images.
3. Differentiate between image classification and object detection.
4. Explain how Computer Vision is used in facial recognition and self-driving cars.
5. Activity: Prepare a poster titled “Computer Vision in Everyday Life” showing at least five applications.
5. Define model evaluation and explain why it is important.
6. Differentiate between training data and testing data.
7. Explain True Positive, True Negative, False Positive and False Negative.
8. Draw a confusion matrix and explain its four components.
9. Write the formulas for Accuracy, Precision, Recall and F1-score.
10. Explain overfitting and underfitting with examples.
11. Differentiate between AI, Machine Learning and Deep Learning.
12. Explain supervised, unsupervised and reinforcement learning with examples.
13. Differentiate between classification and regression.
14. Explain neural networks with a labelled diagram showing input, hidden and output layers.
15. Write five real-life applications of machine learning.

DRAWING-

Topic: Conceptual Art: Modern Social Evils as Ravana’s 10 Heads

Task: Create a creative poster where the 10 heads of Ravana symbolize 10 modern societal issues (e.g., pollution, corruption, cybercrime, plastic waste).