

Class X

Session 2026-27



Dear Students

Greetings!

Summer vacation is synonymous with fun, frolic, getting up late in the morning, playing for long hours with friends, going for picnics, exploring new places and having fun. Teachers have planned some assignments and creative work so that you can make the optimum use of your time and energy.

Here are few learning engagements for you subject wise.



- **CBSE Art integrated Project- Rajasthan and Nagaland**
Topic- “Colors of the Deserts & Rhythms of the Hills.”
Prepare a cultural fusion brochure: Creating a travel brochure comparing Rajasthan festivals and food with Nagaland’s. (Submit in a Folder)
- **Attempt and submit the assignments given in the Extra marks.**
- **Interdisciplinary PBL project shared in Britannica by the concerned teacher.**
- **Read Chapter 1 and 2 of your Supplementary Reader and Revise the syllabus covered from the Literature Reader and complete the previous assignments.**



1. विज्ञापन लेखन

“जल संरक्षण”, “स्वच्छ शहर अभियान” तथा “प्लास्टिक मुक्त भारत” विषय पर लगभग 40-50 शब्दों में आकर्षक विज्ञापन तैयार कीजिए।

2. अनुच्छेद लेखन

निम्न विषयों में से किसी एक पर 120 शब्दों में अनुच्छेद लिखिए –

- “विद्यार्थी जीवन में अनुशासन का महत्व”

- “पर्यावरण संरक्षण: केवल सरकार की नहीं, हमारी भी जिम्मेदारी”
- “कृत्रिम बुद्धिमत्ता (AI): अवसर या चुनौती?”
- “पुस्तक पठन की घटती रुचि: कारण और समाधान”

3. पुस्तक समीक्षा

किसी भारतीय साहित्यकार/लेखक की कोई कहानी/पुस्तक पढ़कर निम्न बिंदुओं के आधार पर उसकी समीक्षा लिखिए (जैसे – कफ़न, गोदान, पंचतंत्र आदि)

- परिचय: पुस्तक का नाम, लेखक का नाम और परिचय।
- सामग्री का संक्षेप: पुस्तक की मुख्य कथा या विषय-वस्तु का परिचय।
- लेखन शैली: लेखक द्वारा अपनाई गई लेखन शैली, भाषा की सरलता या जटिलता।
- पात्र और चरित्र निर्माण: मुख्य पात्रों का विश्लेषण
- विषय और संदेश: पुस्तक द्वारा प्रस्तुत किए गए मुख्य विचार, शिक्षा और संदेश।
- प्रभाव और प्रासंगिकता: पुस्तक का सामाजिक और वैचारिक महत्व, पाठकों पर प्रभाव।
- समीक्षक की राय: पुस्तक के सकारात्मक और नकारात्मक पहलुओं पर व्यक्तिगत विचार।

नोट- सभी पठित पाठों के अभ्यास प्रश्नों के उत्तर अपने नोटबुक में लिखिए।

ART INTIGRATION PROJECT परियोजना विषय

“राजस्थान से नागालैंड तक : एक भारत श्रेष्ठ भारत”

गतिविधियाँ

- दोनों राज्यों का मानचित्र बनाना
- प्रमुख पर्यटन स्थलों का वर्णन
- पारंपरिक परिधानों का चित्रण
- लोककला आधारित बुकमार्क/पोस्टर बनाना
- हिंदी में तुलना तालिका तैयार करना

*रचनात्मक प्रस्तुति

- प्रोजेक्ट फाइल
- माइंड मैप

संस्कृत

- 1- संस्कृत की 25ज्ञानवर्धक सूक्तियों को संग्रह कर लिखिए।
- 2- संस्कृत के 5 महाकवियों का संक्षिप्त जीवनवृत्त तैयार कीजिए।
- 3-गीता के 11वें अध्याय के 5श्लोक याद कीजिए।
- 4- बालक, लता, फल, मुनि, मति, नदी, अस्मद्, युष्मद्, किम्, तद्, इदम्, राजन्, विद्वस्, मातृ, पितृ, भगवद् शब्दों के रूप लिखें और याद करें।
- पठ्, गम्, वद्, भू, अस्, कृ धातुओं के रूप लिखें और याद करें।
- 5- गृहवाटिका में एक फलदार पौधा लगाइए।



CBSE Project (Classes IX & X): An Art-Integrated Project focusing on “The Comparative Analysis of Area and Population between the states of Rajasthan and Nagaland”. Students are permitted to use AI tools for generating graphs and charts, but the mandatory final submission after Summer Vacations must be CREATIVE AND HANDWRITTEN.

· **Revision & Assessments:** Chapter-wise AI-generated MCQ assessments will be assigned weekly via Extramarks. Relevant "Teach Modules" for completed chapters will be shared with the students. Students are requested to access their Extramarks account everyday to know the updates of Holiday Homework. Attempt the assessments as per the schedule.

· **Practical Experience:** Students are requested to view and perform chapter-based activities on the AI Virtual Platform, Olabs, for hands-on experience for better understanding of the chapters done in class and also completion of Practical activities, those who have not done. Links will be available on Extramarks platform in homework assigned.

· **Pi-approximation day (22 July 2026) celebration:**

Prepare a creative Poster (half chart size) on any innovative topic related to Mathematics for Pi-approximation day Inter-school Competition and to be assessed for Internal marks.

Rubik's Cube Pi-Shape Presentation (3x3 cubes) – Practice making 3x3 Rubik cube with a speed to inculcate Mental Ability and bring your own Rubik cubes for the presentation.



BIOLOGY:

1.The "Cell-fie" Portfolio: Create a portfolio where each page is an "interview" with a major system (Digestive, Respiratory, Circulatory, Excretory). Each "organ" should explain its role and its "complaints" (e.g., "The Stomach: I hate it when you skip breakfast!").

2.Complete your assignments in your notebook."

3.complete your assignment in Extramarks

2. Read and learn the chapters completed in class.

3. CBSE Project on Topic:

Consumer Awareness

OR

Sustainable Development

4. Britannica Homework & Entrepreneurship Project

Students will use their respective IDs to access the Britannica Library and complete the assigned work.

Students will prepare an Entrepreneurship Project on the topic “Craft Fragrance from Waste.”

5. All work and projects must be completed neatly in handwritten form



Task 1: AI Project Formulation (4W Canvas)

Choose one problem (plastic waste, traffic management, or personalized tutoring) and prepare a 4W Canvas:

Who is affected? , What is the problem? , Where does it occur? , Why should it be solved?

Task 2: AI Ethics Report

Write a short report on AI Ethics. Include:

- Impact of Deepfakes
- Privacy concerns
- Bias in AI
- Accountability in AI systems

Task 3: AI Domains Exploration

Prepare a table listing **10 applications each** of:

1. Natural Language Processing (NLP)
2. Computer Vision (CV)
3. Data Domain

Task 4: Practical – Teachable Machine

Create a simple AI model using [Google Teachable Machine](#).

Submit:

- Screenshot of the trained model
- Two possible use cases

Task 5: AI Around Us

List **10 AI-based devices/apps** used in daily life and explain how they help us.

S.No	AI Device/App	Use
1	Google Maps	Gives directions

Task 6: Poster Making

Make a colourful poster on either:

- “Future World with Artificial Intelligence”
OR
- “AI for Good” Use drawings, slogans, and creativity.

Task 7: Case Study

Choose any one topic and prepare a **2-page illustrated report**:

- Self-driving Cars
- Chatbots
- Facial Recognition
- AI in Healthcare
- AI in Education
- Robotics

Include: Introduction, Uses, Advantages, Disadvantages, and Conclusion.

Task 8: Holiday Challenge – Interview Activity

Interview **3 family members** and ask:

1. Have you used AI?
2. Which AI apps do you use?
3. Is AI helpful or harmful?

Write a short report based on their responses.

ENJOY THE LEARNING
JOURNEY

Wish you all a safe and positive summers. Have fun-filled Holiday Break.