



कक्षा - 10 संस्कृत (मणिका)

ग्रीष्मावकाश गृहकार्य (कौशलाधारितम्)

निर्देशाः -

- सर्वे प्रश्नः अनिवार्याः सन्ति ।
- स्वच्छं, सुन्दरं च लेखनम् अनिवार्यम् ।
- स्वस्वं कार्यं स्वयमेव कुर्वत ।
- उत्तराणि संस्कृतेनैव लिखत ।

पाठः 1 - वाङ्मयं तपः (वाग्मिः तपः)

पाठ-सारः

अस्मिन् पाठे वाणीं तथा वचनस्य महत्त्वं कथितम् ।
मधुरा, सत्यं, हितकरा च वाणी सर्वेषां हृदयानि
जयति । वाणीं संयम्य प्रयुनुज्य मनुष्यः समाजे
सम्मानं प्राप्नोति तथा च स्वीयं चरित्रं उत्तमं करोति ।

मूलश्लोकः

वाग्मिः तपः क्रियते यत्, सत्यं ब्रूयात् प्रियं ब्रूयात् ।
न ब्रूयात् सत्यमप्रियम्, एव वाङ्मयं तपः स्मृतम् ॥

- (मनिका)



1. ज्ञानं एवं समझ (बोधनम्)

नीचे दत्ताक्यानि पठित्वा सत्यं (✓) वा असत्यं (x)
वा लिखत -

- (क) कठोरे वचनेन बोलना भी तपः भवति । []
- (ख) सत्यं तथा प्रियं वचनं बोलना वाङ्मयं तपः । []
- (ग) वाणीं परं संयमं रक्षना आवश्यकं न भवति । []
- (घ) हितकरं वचनं सर्वेषां सुखं ददाति । []

2. अनुप्रयोगः (प्रयोगः)

दत्तप्रश्नानाम् उत्तरं संस्कृतेन लिखत -

(क) पाठात् किं परीक्षा में कं अङ्कं लभ्यते ? किमर्थम् ?

(ख) कोऽपि व्यक्तिः यदि कटुवचनानि वदति तर्हि ततः
किं फलम् भवेत् ?

3. विश्लेषणम्

वाणी के दोषाः च तेषां दुष्परिणामाः च लिखत -

वाणी के दोषाः	दुष्परिणामाः
1.	
2.	
3.	
4.	
5.	

4. सृजनात्मककार्यं

'मधुरा वाणी - मीठा व्यवहारः' इति विषयं गूगल
पोस्टर/चार्ट/नारिचित्रं निर्माय संस्कृतेन
पञ्चे वाक्यानि लिखत ।



5. मननं एवं चिन्तनम् (चिन्तनम्)

वाणी परं संयमं रक्षणं किमर्थम् आवश्यकम् ?
स्वानुभवं लिखत (4-5 वाक्यानि) ।

6. भाषा-कौशलम्

निम्नशब्दानां पर्यायवाचीं लिखत -

- (क) वाणी - _____
- (ख) तपः - _____
- (ग) सत्यं - _____
- (घ) मित्रं - _____

पाठः 2 - नास्ति त्यागसमं सुखम्

पाठ-सारः

अस्मिन् पाठे त्यागस्य महत्त्वं कथितम् ।
त्यागेन एव मनुष्यः सुखं, शान्तिं च लभते ।
स्वार्थं त्यक्त्वा परोपकारं कुर्वन् जनः जीवनस्य
सार्थकतां प्राप्नोति ।

मूलश्लोकः

नास्ति त्यागसमं सुखं, नास्ति त्यागसमं फलम् ।
त्यागेन अमृतत्वस्य, नान्यः पन्था विद्यते कदाचन ॥

- (मनिका)



1. ज्ञानं एवं समझ (बोधनम्)

रिक्तस्थानानि पूरयत -

- (क) त्यागेन _____ प्राप्ती भवति ।
- (ख) स्वार्थं त्यक्त्वा _____ करणं चाहिए ।
- (ग) त्यागात् _____ की प्राप्ति भवति ।
- (घ) त्यागं समं किञ्चित् _____ न भवति ।

2. अनुप्रयोगः (प्रयोगः)

दत्तप्रश्नानाम् उत्तरं संस्कृतेन लिखत -

(क) दैनिकजीवनं में त्यागस्य के द्वे उदाहरणे लिखत

- (१) _____
- (२) _____



3. विश्लेषणम्

त्यागात् किं किं अन्तरं भवेत् ? तालिकां पूर्णं कुरु -

त्यागात् पूर्वम्	त्यागात् पश्चात्

4. सृजनात्मक कार्यं

'त्यागः महानः' इति विषयं गूगल 5-6 वाक्यानि
संस्कृतेन लिखत तथा च सुन्दरं चित्रं निर्माय ।



5. मननं एवं चिन्तनम् (चिन्तनम्)

त्यागं कृत्वा समाजे तथा व्यक्तिः कां का लाभाः
भवन्तु इति लिखत (4-5 वाक्यानि) ।

6. भाषा-कौशलम्

निम्नशब्दानां विलोमशब्दान् लिखत -

- (क) सुखम् - _____
- (ख) त्यागः - _____
- (ग) स्वार्थः - _____
- (घ) लाभः - _____



मधुरा वाणी बोलें, त्याग करें, जीवनं जिये - यही सच्चा सुख की कुंजी है ।

शुभम्स्तु !

Class 10 English: Summer Vacation Assignment 2026-27

This assignment guide outlines three distinct tasks designed to bridge English literature with modern technology and local issues in Dhanbad. It encourages students to explore **documentary filmmaking**, **social media adaptation**, and **ethical writing**.

Creative Communication Tasks



Task 1: The Documentary Script

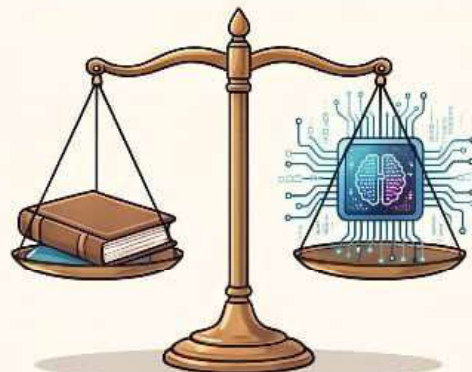
- Draft a 5-page script on Dhanbad issues featuring visual cues and narrative voice-over.



Task 2: The 'Twitter-Speare' Challenge

- Rewrite a syllabus conflict as a 10-tweet thread using hashtags and modern tone.

Analytical Thought & Reflection



Task 3: Ethical Dilemma Essay

- Compose a 500-word argumentative essay regarding the use of AI in school assignments.

Student Self-Reflection

- Provide a two-sentence reflection on how these tasks changed your personal perspective.

Embrace the summer, explore your creativity, and unlock your full potential! We believe in you.

OBJECTIVES

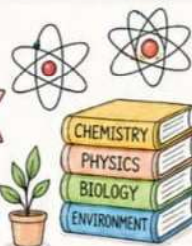
- ★ Strengthen concepts
- ★ Develop analytical skills
- ★ Promote scientific temperament
- ★ Apply knowledge in real life

CLASS 10 - SCIENCE

SUMMER HOLIDAY HOMEWORK

MAY - JUNE 2026

♥ Explore • Understand • Experiment • Analyse • Apply ♥



SECTION A - CHEMISTRY (CHEMICAL REACTIONS & EQUATIONS)

1. Task 1: Reaction Analysis Project

Write and balance 10 chemical equations.

Identify for each:

- ★ Type of reaction
- ★ Oxidation / Reduction



2. Task 2: Real-Life Chemistry

List 5 daily life reactions.

(e.g. rusting, cooking)

Explain each in 2-3 lines.

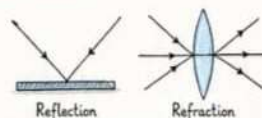


SECTION B - PHYSICS (LIGHT & ELECTRICITY)

3. Task 3: Ray Diagram Practice

Draw and label:

- ★ Reflection (mirror)
- ★ Refraction (lens)



4. Task 4: Case-Based Question

Explain:

Why do we see objects clearly in a plane mirror but not in a rough surface?

(Answer in 120-150 words)



$$\text{Power (P)} = V \times I$$

$$\text{Energy (E)} = P \times t$$

$$\text{Units} = \frac{E}{1000}$$

5. Task 5: Electricity Application

List appliances at home.

Calculate:

- ★ Power usage
- ★ Units consumed

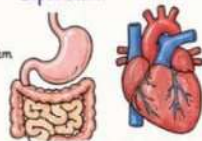


SECTION C - BIOLOGY (LIFE PROCESSES)

6. Task 6: Diagram + Explanation

Draw and label:

- ★ Human digestive system
- ★ Human heart



7. Task 7: Case Study

Explain:

Why is balanced diet essential for health?



SECTION D - ENVIRONMENTAL SCIENCE

8. Task 8: Resource Study

Classify resources used at home.

- ★ Renewable Resources
- ★ Non-renewable Resources



9. Task 9: Sustainable Development

Write 150-200 words on:

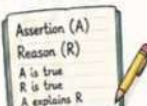
Importance of conservation and sustainable development.



SECTION E - THINKING & ANALYSIS

10. Task 10: Assertion-Reason

Prepare 5 Assertion-Reason type questions.



11. Task 11: Data Interpretation

Collect any data (e.g. electricity / water usage at home).

Represent using:

- ★ Table
- ★ Graph



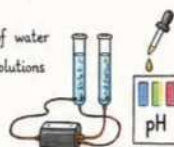
SECTION F - EXPERIMENT & PRACTICAL

12. Task 12: Home Experiment

Perform any one experiment.

Examples:

- ★ Electrolysis of water
- ★ pH test of solutions



Write:

- ★ Aim
- ★ Materials Required
- ★ Procedure
- ★ Observation
- ★ Conclusion

SECTION G - CREATIVE & APPLICATION

13. Task 13: Poster / Infographic

Make a poster / infographic on any one topic.

- ★ Save Energy
- ★ Green Technology



14. Task 14: Model Making

Make a model of any one:

- ★ Electric circuit
- ★ Human organ system



SECTION H - PROJECT WORK (MULTIDISCIPLINARY)

15. Task 15: Science Portfolio

Prepare a portfolio including:

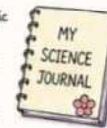
- ★ Diagrams
- ★ Experiments
- ★ Case studies
- ★ Real-life applications



16. Task 16: Science Journal

Write daily:

- ★ One scientific observation
- ★ One concept learned
- ★ One question



- #### SUBMISSION GUIDELINES
- ✓ Maintain a well-structured practical file.
 - ✓ Use labelled diagrams and neat presentation.
 - ✓ Focus on understanding + application.
 - ✓ Submit after holidays.



WHY THIS HOMEWORK IS SPECIAL

- ♥ Helps you think like scientists.
- ♥ Improves conceptual clarity.
- ♥ Builds problem-solving skills.
- ♥ Connects science with real life.
- ♥ Strengthens board exam preparation.



REMEMBER

- ★ Be curious
- ★ Be creative
- ★ Be consistent
- ★ Practice daily
- ★ Believe in yourself



♥ SCIENCE IS NOT JUST A SUBJECT, IT IS A WAY OF THINKING! ♥

OBJECTIVES

- ★ Strengthen conceptual clarity
- ★ Develop problem-solving skills
- ★ Improve logical reasoning
- ★ Apply maths in real-life situations

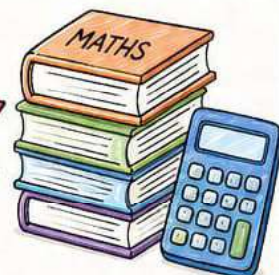


CLASS 10 - MATHEMATICS

SUMMER HOLIDAY HOMEWORK

MAY - JUNE 2026

♥ Think • Solve • Analyse • Apply • Excel ♥



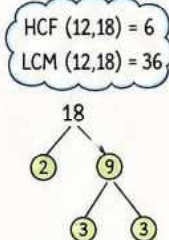
SECTION A - REAL NUMBERS

1. Task 1: Concept Application

Solve problems based on:

- ★ Euclid's Division Lemma
- ★ HCF & LCM

Include 5 real-life examples.



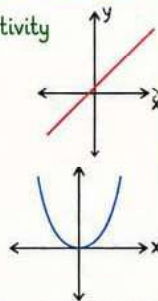
SECTION B - POLYNOMIALS

2. Task 2: Graph Activity

Draw graphs of:

- ★ Linear polynomial
- ★ Quadratic polynomial

Observe the number of zeroes.



SECTION C - LINEAR EQUATIONS IN TWO VARIABLES

3. Task 3: Case-Based Questions

Solve 5 real-life problems.

Examples:

- ★ Cost related problems
- ★ Distance & speed problems
- ★ Mixture problems

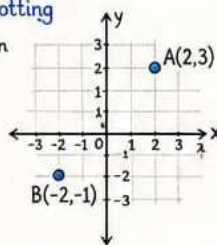


SECTION D - COORDINATE GEOMETRY

4. Task 4: Graph Plotting

Plot the given points on the graph and find:

- ★ Distance between two points
- ★ Section formula

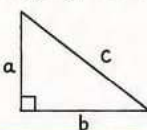


SECTION E - TRIANGLES

5. Task 5: Theorem-Based Questions

Solve questions using:

- ★ Similarity of triangles
- ★ Pythagoras theorem



In a right triangle,
 $c^2 = a^2 + b^2$

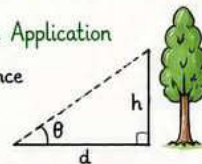
SECTION F - TRIGONOMETRY

6. Task 6: Identity Practice

Prove any 5 trigonometric identities.

7. Task 7: Real-Life Application

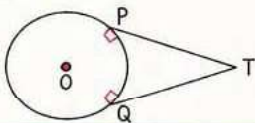
Solve height and distance problems.



SECTION G - CIRCLES

8. Task 8: Tangent Problems

Solve 5 questions based on tangents to a circle.



SECTION H - STATISTICS & PROBABILITY

9. Task 9: Data Analysis

Collect data (marks/expenses/heights etc.) and find:

- ★ Mean
- ★ Median
- ★ Mode



10. Task 10: Probability

Solve real-life probability questions.



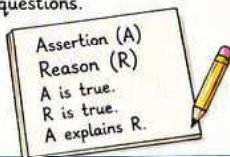
$$P(\text{blue}) = \frac{\text{Number of blue balls}}{\text{Total number of balls}}$$



SECTION I - THINKING & ANALYSIS

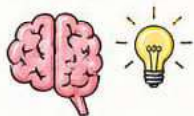
11. Task 11: Assertion-Reason

Create 5 Assertion-Reason type questions.



12. Task 12: HOTS Questions

Solve higher-order thinking skill (HOTS) questions.



SECTION J - CREATIVE & APPLICATION

13. Task 13: Maths Poster

Make a poster on any one topic:

- ★ Maths in Daily Life
- ★ Importance of Graphs



14. Task 14: Model Making

Make a model on any one:

- ★ 3D shapes
- ★ Trigonometry concept



SECTION K - PROJECT WORK

15. Task 15: Maths Portfolio

Prepare a portfolio including:

- ★ Important formulas & theorems
- ★ Graphs & charts
- ★ Case studies & real-life applications
- ★ Activities & worksheets



16. Task 16: Daily Practice Journal

Write daily:

- ★ One problem solved
- ★ One concept learned
- ★ One doubt/question



The only way to learn mathematics is to do mathematics.



SUBMISSION GUIDELINES

- ✓ Maintain a well-organized notebook/file.
- ✓ Show all steps clearly.
- ✓ Use diagrams and graphs neatly.
- ✓ Focus on concept + application.
- ✓ Submit after the holidays.



WHY THIS HOMEWORK IS SPECIAL

- ♥ Prepares you for board exams (CBSE pattern).
- ♥ Builds strong conceptual understanding.
- ♥ Develops logical and analytical thinking.
- ♥ Applies maths in real-life situations.
- ♥ Boosts confidence in problem-solving.



REMEMBER

- ★ Practice daily.
- ★ Be consistent.
- ★ Stay curious.
- ★ Believe in yourself!



♥ MATHS IS NOT JUST A SUBJECT, IT IS A WAY OF THINKING ! ♥

← Neelam Sharma
Yesterday, 7:31 pm



हिंदी हमारी पहचान है,
इसे सीखना और
सिखाना हमारा
सम्मान है!

कक्षा 10

हिंदी

ग्रीष्मकालीन गृहकार्य

40 दिनों का समर होमवर्क

★ कौशल आधारित (Competency Based) ★

1 शब्द ज्ञान

- ★ प्रतिदिन 1 नया शब्द लिखें।
- ★ उसका अर्थ लिखें।
- ★ उस शब्द का वाक्य प्रयोग करके उसे पढ़ें।



कौशल (Competency): भाषा ज्ञान, शब्द भंडार, अभिव्यक्ति कौशल, पठन कौशल

2 वाक्य के अंग, प्रकार व उदाहरण

- ★ वाक्य के अंग (कर्ता, क्रिया, कर्म आदि) की रूपरेखा तैयार कीजिए।
- ★ वाक्य के प्रकार (विधान, प्रश्नवाचक, आदेशात्मक, इच्छावाचक आदि) लिखिए।
- ★ प्रत्येक के उदाहरण दीजिए।



कौशल (Competency): व्याकरण ज्ञान, विश्लेषण कौशल, तर्क शक्ति, संरचना समझ

3 प्रिय पुस्तक पर पुस्तक समीक्षा

- ★ गर्मी की छुट्टियों में पढ़ी गई अपनी प्रिय हिंदी कहानी/पुस्तक पर समीक्षा लिखें।
- पुस्तक का नाम
- लेखक
- कहानी का सार
- क्या अच्छा लगा
- क्या नया सीखा



कौशल (Competency): पठन कौशल, चिंतन कौशल, मूल्यांकन कौशल, लेखन कौशल

4 ई-मैगजीन के लिए लेखन

- ★ कविता / कहानी / लेख लिखें।
- ★ विषय: अपनी पसंद का



कौशल (Competency): सृजनात्मक लेखन, डिजिटल अभिव्यक्ति, कल्पनाशक्ति, संश्लेषण कौशल

5 विज्ञापन गतिविधि

- ★ 2 हिंदी विज्ञापन काटकर फाइल में चिपकाएँ।
- ★ 2 विज्ञापन स्वयं बनाएँ (किसी भी विषय पर)।



कौशल (Competency): रचनात्मकता, दृश्य साक्षरता, डिजाइन कौशल, संश्लेषण कौशल

6 नेताजी सुभाष चंद्र बोस

- ★ नेताजी सुभाष चंद्र बोस के जीवन से संबंधित जानकारी एकत्र करें।
- ★ चित्र सहित प्रस्तुत करें।



कौशल (Competency): अनुसंधान कौशल, ऐतिहासिक समझ, प्रस्तुतीकरण कौशल, देशभक्ति मूल्य

7 नगरपालिका और पंचायत

- नगरपालिका और पंचायत के कार्यों की सूची तैयार करें।
- दोनों में अंतर स्पष्ट करें (तालिका के रूप में)।



कौशल (Competency): सामाजिक समझ, तुलना कौशल, श्रुतना संगठन, सारणीकरण कौशल

8 वाद्य यंत्र (किसी 10)

- ★ 10 वाद्य यंत्रों के नाम लिखें।
- ★ प्रत्येक की जानकारी दें।
- ★ चित्र सहित प्रस्तुत करें।



कौशल (Competency): ज्ञान संग्रह, सांस्कृतिक समझ, प्रस्तुतीकरण कौशल, रचनात्मकता

सामान्य निर्देश

- ✓ कार्य साफ-सुथरा और आकर्षक बनाएं।
- ✓ चित्र, रंग, बॉर्डर का उपयोग करें।
- ✓ अपने शब्दों में लिखें।
- ✓ समय पर कार्य पूरा करें।
- ✓ सात्वता और गौरविका बनाए रखें।

यह कार्य आपकी इन क्षमताओं को मजबूत करेगा



भाषा ज्ञान



रचनात्मकता



सामाजिक विवेक



अनुसंधान कौशल



समस्या समाधान कौशल



संश्लेषण कौशल



★ पढ़ो... सोचो... लिखो... और अपनी प्रतिभा निखारो! ★



← Reply

☐ Holiday Homework – Class 10 (Art Education & Craft)

☐ 1. Drawing / Composition

Create a detailed composition:

Social theme / Daily life scene

☐ 2. Poster Making

Make a poster on:

Environmental Awareness / Social Issue

☐ 3. Still Life Drawing

Draw and shade objects

☐ Focus on proportion, light & shadow

☐ 4. Craft Work

Make one creative craft:

Best out of waste / Functional item

☐ 5. Indian Art Form

Create artwork based on:

Madhubani / Warli / Gond / Folk art

☐ 6. Art Appreciation

Write 8–10 lines on:

Any Indian artist or famous artwork

★Instructions

Maintain neat art file

Use proper colours & techniques

Show originality and creativity

Class 10 AI Holiday Homework

1. Case-Based Question

A group of students wants to build an AI system that helps farmers decide which crop to grow based on soil type and weather conditions.

Answer the following:

- Which stage of the AI Project Cycle involves understanding the farmer's problem?
- What type of data will be required for this project?
- Why is data collection important in this project?
- Which stage comes after data collection?

2. Application-Based Question

Riya is working on an AI model that detects spam emails.

- Identify the problem she is solving in the AI project cycle.
- Which stage will help her prepare and clean email data?
- What could happen if data is not properly cleaned?

3. Higher Order Thinking Question

A team directly starts building a model without understanding the problem or collecting proper data.

- Which AI Project Cycle stages did they skip?
- What problems may occur due to this mistake?
- Suggest one way to improve their approach.

Topic: AI Ethics

1. Case-Based Question

An AI facial recognition system is used in a school for attendance. Some students' faces are not recognized correctly.

- Which ethical issue is highlighted here?
- What is bias in AI systems?
- Suggest one way to reduce this issue.

2. Scenario-Based Question

An AI chatbot stores user conversations and shares them with advertisers without permission.

- Identify the ethical concern.
- Which AI principle is violated here?
- Why is user consent important?

3. Analytical Question

An AI hiring system selects only male candidates for a job role.

- What type of bias is shown here?
- How can such bias affect society?
- Suggest two measures to make AI fair.

Short Answer Practice

Define AI Project Cycle.

What is data collection?

What is AI ethics?

Name any two ethical issues in AI.

What is model training?