



GREENWOOD PUBLIC SCHOOL, ADITYAPURAM, GWALIOR
OUR MOTTO- DEVELOPMENT WITH DELIGHT
HOLIDAY ASSIGNMENT FOR CLASS-IX (2026-27)



Dear Students, Innovators,
Warm Greetings!!!

ENGLISH HOLIDAY ASSIGNMENT

GENERAL INSTRUCTIONS:

- Use an A4 size folder to compile all written work as part of your **Student Portfolio**.
- Focus on **Critical Thinking, Creativity, and Self-Expression** rather than mere recall.

Part 1: Reading & Critical Inquiry

1. **The Editorial Analyst:** Select two articles from an English newspaper (Discursive or Case-based).
 - Identify the **main idea** and at least three **supporting details** for each.
 - **Fact vs. Opinion:** List five statements from the articles and categorize them as either a fact or the author's opinion.
 - **Author's Tone:** Describe the tone of the writer (e.g., persuasive, critical, or informative) and provide evidence from the text.
2. **Multicultural Comparison:** Read two short stories or poems by different authors (e.g., one Indian and one international).
 - Create a table comparing the **cultural background, context, and author's voice**.

Part 2: Creative & Functional Writing

1. **Travelogue Narrative Essay:** Write a descriptive or narrative essay (200-250 words) about a journey you took this summer.
 - Structure your essay with a clear **beginning, middle, and conclusion**.
 - Integrate at least five **literary devices** (e.g., simile, metaphor, or imagery).
2. **Social Advocacy Project:** Identify a real-world problem in your neighborhood (e.g., environmental issues or public safety).
 - **The Poster:** Design an attractive poster (approx. 50 words) to raise awareness.

Part 3: Subject Enrichment & Art Integration

1. **Heritage Fact File:** Choose a medieval or contemporary Indian monument.
 - Create a "Fact File" describing its **aesthetics** and **cultural significance**.
 - Include a **graphic organizer** (like a mind map) to represent its architectural features.
2. **Indian Knowledge System (IKS) Connection:** Find three common words in your regional language that share a common phonetic origin with English or Sanskrit. Describe how these commonalities help us understand our cultural identity.

ASSESSMENT CRITERIA- Your homework will be evaluated based on:

- **Oracy and Literacy:** Fluency and critical comprehension.
- **Communicative Clarity:** Effectiveness in articulating ideas.
- **Analytical Ability:** Interpretation of texts and themes.

Teacher's Note: This assignment serves as a **Formative Assessment** and will contribute to your **Internal Assessment (20 Marks)** for the term.

HINDI HOLIDAY ASSIGNMENT

भाग 1: गणित और अंकगणित

1. **गणित और अंकगणित (कुल 120 अंक):** निम्नलिखित प्रश्नों का उत्तर दें:
 - गणित प्रश्न: गणित का अर्थ क्या है? (अंकगणित प्रश्न: अंक गणना, अंकगणित का अर्थ, अंकगणित का उपयोग, अंकगणित का महत्व)।
 - अंकगणित प्रश्न: अंकगणित का अर्थ क्या है? (अंकगणित प्रश्न: अंकगणित का अर्थ, अंकगणित का उपयोग, अंकगणित का महत्व)।

भाग 2: गणित और अंकगणित

1. **गणित और अंकगणित:** निम्नलिखित प्रश्नों का उत्तर दें:
 - गणित प्रश्न: गणित का अर्थ क्या है? (अंकगणित प्रश्न: अंकगणित का अर्थ, अंकगणित का उपयोग, अंकगणित का महत्व)।

भाग 3: गणित और अंकगणित

1. **गणित और अंकगणित:** निम्नलिखित प्रश्नों का उत्तर दें:
 - गणित प्रश्न: गणित का अर्थ क्या है? (अंकगणित प्रश्न: अंकगणित का अर्थ, अंकगणित का उपयोग, अंकगणित का महत्व)।

गणित और अंकगणित:

- गणित प्रश्न: गणित का अर्थ क्या है? (अंकगणित प्रश्न: अंकगणित का अर्थ, अंकगणित का उपयोग, अंकगणित का महत्व)।
- अंकगणित प्रश्न: अंकगणित का अर्थ क्या है? (अंकगणित प्रश्न: अंकगणित का अर्थ, अंकगणित का उपयोग, अंकगणित का महत्व)।
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गणित और अंकगणित:

- गणित प्रश्न: गणित का अर्थ क्या है? (अंकगणित प्रश्न: अंकगणित का अर्थ, अंकगणित का उपयोग, अंकगणित का महत्व)।
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MATHEMATICS HOLIDAY ASSIGNMENT

GENERAL INSTRUCTIONS:

- All activities should be documented in a **Mathematics Portfolio**.
- Focus on the process and logical reasoning rather than just the final numerical answer.

Part 1: Indian Knowledge System (IKS) & History

1. **The Great Mathematician Profile:** Choose one ancient or medieval Indian mathematician (e.g., Aryabhata, Brahmagupta, or Bhaskara II).
 - Create a "Biography Infographic" highlighting their major contributions to Algebra or Geometry.
 - Explain one specific mathematical rule or formula discovered by them in your own words.

Part 2: Real-Life Mathematical Modelling

1. **Geometric Architectural Detective:** Visit a local historical building or look at a photo of one (e.g., a tomb, temple, or fort).
 - Identify at least four different geometric shapes used in its construction (e.g., congruent triangles, quadrilaterals, or circles).
 - Sketch the patterns and label the types of symmetry you observe.

ASSESSMENT & EVALUATION CRITERIA- Your work will be evaluated based on the following learning outcomes:

- **Remembering & Understanding:** Accuracy of facts and definitions.
- **Applying:** Ability to solve problems in new situations.
- **Analysing & Creating:** Depth of inquiry, pattern identification, and original presentation.

Teacher's Note: This assignment contributes to your **Internal Assessment (20 Marks)**.

SCIENCE HOLIDAY ASSIGNMENT

GENERAL INSTRUCTIONS:

- Maintain a **Science Journal** to record all observations, hypotheses, and data.
- Use scientific terminology effectively to communicate your findings.
- All activities align with the **Internal Assessment** components, specifically focusing on **Subject Enrichment (Practical Work)** and **Portfolio**.

Part 1: Scientific Inquiry & Modeling

1. The "Slow-Melting" Challenge (Matter in Our Surroundings):

- **Task:** Investigate how different substances affect the melting rate of ice.
- **Action:** Place equal-sized ice cubes in four different bowls. Leave one as a "control." Sprinkle salt on the second, sugar on the third, and wrap the fourth in a piece of wool.
- **Inquiry:** Formulate a **hypothesis** about which will melt fastest/slowest. Record the time taken for each to melt completely.
- **Analysis:** Identify the independent and dependent variables. Explain the observations using the concept of **Latent Heat**.

Part 2: Practical Skills & Observation

1. **The pH Detective:** Use a natural indicator (like red cabbage juice or turmeric paste) to test the nature of at least five household substances (e.g., lemon juice, soap solution, milk, vinegar, and tap water).
 - **Data Representation:** Create a color-coded table showing the initial color of the indicator and the final color after the reaction.
 - **Inference:** Classify each substance as **Acidic, Basic, or Neutral** based on your results.

Part 3: Awareness & Historical Context

1. **Environment Analysis:** Observe a real-life environmental phenomenon in your locality (e.g., water logging, waste accumulation, or local plant growth).
 - **Action:** Identify the key factors influencing this behavior.
 - **Solution:** Propose a rational, science-based solution or a change in practices to address the issue.

ASSESSMENT & PORTFOLIO INTEGRATION - Your work will be evaluated based on the following learning outcomes:

- **Portfolio:** Your Science Journal, graphs, and reports will be assessed for the quality of work and evidence of learning.
- **Practical Work:** The pH testing and motion tracker activities contribute to your subject enrichment marks.

"Science is not just a subject, it is a systematic process of questioning the world around us."

SOCIAL SCIENCE HOLIDAY ASSIGNMENT

GENERAL INSTRUCTIONS:

- All tasks must be compiled in a **Social Science Portfolio**.
- Use a mix of visual expressions (maps, sketches, flowcharts) and written reflections.
- Assignments are designed to reduce content load and prioritize deep understanding of core concepts.

1. Historical Inquiry: The Evolution of Democracy

- **Democratic vs. Non-Democratic Comparison:** Research one contemporary country that is a democracy and one that is not.
 - Compare them based on: **Freedom of Speech, Election Process, and the Rule of Law.**
 - Create a **Venn Diagram** to show any overlapping features and stark differences.

2. Geography & Environment: The Sustainability Audit

- **Climate Action:** Track the weather patterns in your city for 10 days.
 - Note down instances of "Climate Change" indicators (e.g., unusual heatwaves or unseasonal rain).
 - Suggest three rational ways your household can reduce its carbon footprint.

3. Field Visit & Cultural Heritage

- **Site-Map Making:** Visit a local historical site, monument, or a traditional community center (e.g., a stepwell, a temple with ancient architecture, or a local administrative building).
 - Create a **Site-Map** of the location.
 - Identify the materials used in construction and any traditional techniques used to keep the building cool or sturdy.
 - **Visual Interpretation:** Draw a sketch of the most significant architectural feature you observed.

ASSESSMENT & EVALUATION (INTERNAL ASSESSMENT)- Your work will be evaluated based on the following learning outcomes:

- Your site-map and field visit.
- **Portfolio:** The neatness, reflections, and completeness of your compiled folder.

"The purpose of Social Science is to develop engaged, productive, and contributing citizens for an equitable and inclusive society."

COMPUTER APPLICATIONS HOLIDAY ASSIGNMENT

GENERAL INSTRUCTIONS:

- All practical work should be saved in a folder named [YourName]_CA_Homework.
- Written reports should be formatted as professional documents.

Basics of IT & Cyber Safety (Theory/Research)

1. **Computer Anatomy Report:** Create a detailed text document describing the basic organization of a computer.
 - Explain the roles of the **CPU, Memory (RAM vs. ROM), Storage Devices, and I/O Devices.**
 - Include a comparison table between different storage media (Hard Disk, SSD, and Flash Drive).
2. **Safe Internet Practices Guide:** Research and write a 2-page report on "Cyber Safety."
 - Define: **Malware, Phishing, and Identity Theft.**
 - List 5 "Golden Rules" for browser settings to ensure a secure connection.
 - Explain why a "Private Cloud" might be more secure for a business than a "Public Cloud."

Office Productivity Tools (Lab Exercises)

1. **Multimedia Presentation:** Create a 5-slide presentation on "The Future of Computer Networking (5G, Wi-Fi 6, and Beyond)."
 - Slide 1: Title & Introduction.
 - Slide 2-4: Concepts with images and bullet points.
 - Slide 5: Conclusion.
 - **Requirement:** Apply at least two different **Animation Effects** to text/pictures and use a consistent **Transition** between slides.

The Interdisciplinary Project

Task: Design a "Digital Concept Brochure" for another subject (e.g., Science or Social Science).

- **Subject Integration:** Choose a concept taught in another Class 9 course (e.g., *The French Revolution* or *Atomic Structure*).
- **Components:**
 - Use a **Word Processor** to draft a detailed report on the concept.
 - Use a **Spreadsheet** to create any relevant data tables or charts related to the topic.
 - Use a **Presentation Tool** to create a visual summary.
- **Goal:** Demonstrate how Office Tools are used to organize and present complex information across different disciplines.

ASSESSMENT & EVALUATION (INTERNAL ASSESSMENT)- Your work will be evaluated based on the following learning outcomes:

S.No.	Component
1.	Lab Test/Exercises: Accuracy in Word, Excel, and PPT tasks.
2.	Report File: Completion of the IT and Cyber Safety reports.
3.	Project Work: Successful integration of the interdisciplinary concept.

PHYSICAL EDUCATION & WELL-BEING HOLIDAY ASSIGNMENT

General Instructions:

- Maintain a dedicated **Sports & Well-being Journal**.
- Use photographs, sketches, and data tables to make your work authentic.
- This assignment contributes directly to your **Internal Practical Assessment**.

Task 1: The Major Sports File

Choose **one** game/sport (e.g., Athletics, Badminton, Basketball, Football, Kabaddi, Kho-Kho, or Volleyball). Prepare a detailed report covering the following:

- **History:** Write a 200-word summary of the game's origin and its evolution in India.
- **Terminology:** Define 5 key terms used in the sport (e.g., *Dribbling, Smash, Lona*).
- **Fundamental Skills:** Describe 5 basic skills required to play the game effectively.
- **Rules:** List 5 major rules of the game as per international standards.
- **Specifications:** Draw a labeled diagram of the **Ground/Court/Field** with exact measurements.
- **Personalities:** Profiles of 5 famous Indian sports personalities or awardees in this sport.
- **Tournaments:** List 3 national and 3 international competitions for this sport.

Task 2: Field Visit & Observation Report

Visit **any one** of the following: a Gymnasium, a Fitness Centre, a Sports Stadium, or a live Sports Institution/Tournament.

- **Observation Log:** What equipment did you see? How was the facility maintained?
- **Interview:** If possible, talk to a coach or trainer about the importance of a "Warm-up" and "Cool-down" routine.
- **Deliverable:** A 1-page report with a photograph or a signed entry pass as evidence.

Task 3: The "Movement & Mindfulness" Daily Log

- **Yoga & Flexibility:** Practice at least three Asanas daily (e.g., *Tadasana, Bhujangasana, Vrikshasana*).
- **The Log:** Record your progress. For example, note how many seconds you can maintain balance in *Vrikshasana* on Day 1 vs. Day 15.
- **Emotional Well-being:** After your physical activity, spend 5 minutes in "Mindful Breathing." Write one sentence each day about your "Mood Status" (e.g., *Feeling energetic, feeling calm, feeling tired*).

Task 4: Safety and Injury Management

Objective: To understand value-based living and ethical responsibility toward health.

- **First Aid Chart:** Research and create a "Safety Action Plan" for the **3 most common injuries** in your chosen sport (e.g., a sprain, a bruise, or a nosebleed).
- **Action:** Draw the "R.I.C.E." (Rest, Ice, Compression, Elevation) method and explain when it should be used.

Task 5: Nutritional & Lifestyle Audit

- **Hydration Tracker:** For one week, track your water intake. Are you drinking the recommended 8–10 glasses?

ASSESSMENT & EVALUATION (INTERNAL ASSESSMENT)- Your work will be evaluated based on the following learning outcomes:

Criteria	Description
Completeness	All sections of the Sports File and Reports are finished.
Technical Accuracy	Rules, measurements, and terminology are correct.
Reflection	Ability to explain your daily log and field visit

Teacher's Note: Physical Education is about the balanced development of your physical, mental, and social dimensions. Approach these tasks with **self-discipline and perseverance**.

ART EDUCATION HOLIDAY ASSIGNMENT

Theme: "The Human Narrative through Art & Nature"

Part 1: The Visual Journal (Visual Arts)

Maintain a "Visual Journal" to document your daily observations and creative growth.

- **Daily Sketching:** Spend 10–15 minutes every day creating a drawing from direct observation (e.g., a corner of your room, a tree, or a family member).
- **Elements & Principles:** Create one full-page composition that demonstrates **Linear or Aerial Perspective** to show spatial depth.
- **Heritage Craft Project:** Research one Indian hand-crafting tradition (e.g., Bamboo crafts, Papier-mâché, or Jute crafts). Create a small three-dimensional artwork using that technique.

Part 2: The Sound of My World (Music)

Explore the science and culture of Indian music through these tasks.

- **Personal Playlist & Navarasa:** Create a digital or written playlist of 5 songs that are meaningful to you. Categorize each song according to one of the **Navarasas** (nine emotions).
- **The Science of Sound:** Perform a home experiment by varying the length of a string (or the water level in glass jars) to manipulate frequency. Write a short paragraph on how this connects to the physics of music.
- **Vocal Health:** Practice daily breathing and vocal warm-up exercises. Record a 1-minute audio clip of yourself singing notes from a raga of your choice (Hindustani or Carnatic).

Part 3: The Storyteller's Vision (Theatre)

Develop your skills in collaboration and symbolic representation.

- **Theatre Company Branding:** Imagine you are starting a theatre company. Design a **Name and Logo** for your team and write a 100-word "Vision Statement" describing its social purpose.
- **Symbolism Challenge:** Choose a broad idea (e.g., "Justice" or "Growth") and take a photograph of a single object or gesture that abstractly represents that idea.
- **Field Interview:** Interview a local artist, performer, or technician (or research one online). Journal their journey and the scope of dramatic arts in your community.

Part 4: Rhythm and Connection (Dance & Movement)

Focus on the "Dekhya" (observing) and "Parkhya" (contemplation) aspects of dance.

- **Dance in Cinema Analysis:** Watch a dance sequence from a film. Write a review analyzing the **Abhinaya** (expression), rhythm, and how it contributes to the storytelling.
- **Cultural Comparisons:** Research the similarities between an Indian dance form and a Southeast Asian dance form. Create a short table comparing their hand gestures or costumes.
- **Body Geometry:** Practice the concept of **Saushthava** (proper body alignment). Take a photo or draw a diagram showing correct posture in a basic dance movement.

SUBMISSION GUIDELINES

- **Format:** All written work and sketches should be compiled in a single **Visual Journal** or a creative scrap file.
 - **Assessment:** This homework will contribute towards your **Internal Assessment**, worth 20 marks in your final practical grade.
 - **Evaluation Criteria:** Your work will be judged on creativity, the application of concepts learned from the curriculum, and the quality of your reflections.
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VOCATIONAL EDUCATION HOLIDAY ASSIGNMENT

Part 1: The "Dignity of Labour" Case Study (Research)

Choose one local vocation in your community (e.g., a local carpenter, an organic farmer, or a desk clerk at a hotel) and conduct a brief field study.

- **The Workflow:** Create a **Process Chart** showing the end-to-end life cycle of their work (from gathering raw materials to delivering the final product or service).
- **Observation:** List three specific tools they use and describe the safety protocols they follow while using them.
- **Reflection:** Write a 100-word paragraph on how this vocation contributes to the local economy and what "attention to detail" looks like in their daily tasks.

Part 2: Home-Based Vocational Application (Hands-On)

Apply vocational skills directly within your home setting to solve a problem or improve a process.

- **Option A (Work with Life Forms):** Start a small-scale growing project (e.g., a rooftop herb garden or a DIY composting pit). Record the watering/fertilization schedule and any pests observed.
- **Option B (Work with Machines & Materials):** Create a prototype or sample of a useful household item (e.g., a multi-purpose storage box or a clothing accessory) using **recycled materials**. Create a 2D sketch with dimensions before building.
- **Option C (Work in Human Services):** Identify a service need in your family (e.g., organizing a weekend travel plan or managing a home event). Create a detailed brochure or schedule including timelines, emergency contacts, and estimated costs.

Part 3: The "AI & Technology" Scan

Research how **Artificial Intelligence (AI)** is currently used or could be used in your chosen vocation from Part 1.

- *Example:* If studying farming, how do mobile apps help identify plant diseases? If studying fashion, how does 3D modeling help in design?

Part 4: Performance Record (Project Report)

Maintain a simple logbook for your assignment with the following entries:

1. **Work Log:** Date, task performed, and time spent.
2. **Resource Record:** List of materials used and their estimated cost.
3. **Self-Assessment:** Rate your own "Persistence and Focus" and "Curiosity" during the task on a scale of 1–5.

EVALUATION CRITERIA

Your assignment will be evaluated based on the **Internal Assessment** standards (Project Report and Formative Assessment):

- **Authenticity:** Evidence of real hands-on practice.
 - **Procedural Accuracy:** Correct use of tools and sequencing of tasks.
 - **Values:** Demonstration of attention to detail and resourcefulness.
-