



**Maharani Gayatri Devi Girls 'School**  
Sawai Ram Singh Road, Jaipur

**HOLIDAY ASSIGNMENT**  
**CLASS- 12**  
**SESSION-2026-2027**

## ***SUMMER HOLIDAYS ASSIGNMENT***

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## ENGLISH CORE

### PROJECT SYNOPSIS FOR ALS 2026-27

Students are required to follow the given guidelines:

Step 1: Selection

- Choose **ANY ONE** chapter/poem from the given list.
- Select **ANY TWO themes** relevant to the chosen text.

Step 2: Project Focus

Based on your selected themes, decide a proposed topic/title for your project. The topic should reflect:

- Your understanding of the text
- The connection between literature and real life

Step 3: Project Content

Your project must include the following components:

- **Proposed Project Title**
- **Central Idea (150 words)**  
Write a concise summary highlighting the core message of the text.
- **Theme Analysis (150 words)**  
Elaborate on **ANY TWO** selected themes with reference to the text.
  - Support your explanation with examples from the text.
- **Textual Evidence (250 words)**  
Identify and describe key incidents, events or situations in the text where the chosen themes are clearly reflected.
- **Real-Life Connection (150 words)**  
Connect the selected themes to real-life situations or contemporary issues.  
Explain how these themes are visible in today's world.

- **Comparative Study (150 words)**

Compare your text with a similar text, movie or podcast.

Highlight similarities or differences in themes, characters, or message.

- **Reflection (Personal Response) (100 words)**

Write a reflection on how the text remains relevant in modern times.

Express your personal insights and learning.

- **The home work should be hand written in the ENGLISH NOTEBOOK and should be titled as SYNOPSIS for ALS 2026-27**

- **Use clear headings and subheadings**

- **Date of submission: July 3, 2026**

### **Selected Chapters with Themes (Flamingo and Vistas)**

#### **1. *The Last Lesson***

- Love for one's language and cultural identity
- Procrastination: the key to losing one's identity
- Realisation and regret for neglected opportunities
- Importance of education and mother tongue

#### **2. *The Third Level***

- Escape from the harsh realities of modern life
- Psychological refuge in imagination/Escapism-seeking refuge in hobbies
- Conflict between fantasy and reality
- Desire for peace and simplicity

#### **3. *The Rattrap***

- The world as a metaphorical trap
- Redemption through kindness and compassion
- Power of human goodness to transform lives
- Trust vs. deceit

#### **4. *The Enemy***

- Humanity above nationalism
- Moral dilemmas in times of war
- Conflict between duty and conscience
- Compassion transcending boundaries

#### **5. *On the Face of It***

- Prejudice and social stigma about physical disability
- Need for acceptance and self-worth
- Loneliness vs. companionship
- Seeing beyond outward appearances

#### **6. *The Tiger King***

- Satire on autocratic rulers
- Fate vs. free will
- Pride and arrogance leading to downfall
- Irony of power and mortality

### 7. *Keeping Quiet*

- Value of introspection and silence
- Need for peace and global harmony
- Self-reflection for personal and collective growth
- Ending cycles of violence and destruction

### 8. *Aunt Jennifer's Tigers*

- Oppression of women in patriarchal society
- Contrast between fear and freedom
- Art as a medium of escape and expression
- Endurance vs. inner strength

### 9. *Deep Water*

- Overcoming Fear through Determination
- Psychological Impact of Childhood Trauma
- Courage as a Learned Behaviour
- Facing the fear vs Avoiding it

### 10. *Lost Spring*

- Child Labour and Lost Childhood
- Poverty as a Cycle
- Dreams vs Harsh Realities
- Social Injustice and Inequality

### 11. *A Thing of Beauty*

- Power of Beauty to Heal and Inspire
- Nature as a Source of Joy
- Eternal vs Temporary Happiness
- Role of Imagination in Human Life

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***“Books are a uniquely portable magic.” Stephen King***

**READ ANY ONE STORY FROM EACH WRITER** from the given list that interests you, but remember to reflect upon the following:

- TWO favourite statements/ moment from the stories.
- Also REMEMBER to note down how the story made you feel.
- What makes the story universally relevant across cultures?
- Do you agree with the fact that the themes transcend time and place?

- Please note that the Assessment of Speaking Skills for English will be based on this assignment.

<b>Guy de Maupassant</b>	The Necklace The Piece of String The Jewels Two Friends
<b>Rabindra Nath Tagore</b>	Kabuliwala The Postmaster The Homecoming
<b>O’Henry</b>	The Gift of the Magi The Last Leaf
<b>RK Narayan</b>	An Astrologer’s Day A Tiger for Malgudi The Missing Mail
<b>Kurt Vonnegut</b>	Harrison Bergeron

**READING  
CHAMP**

Dear students

The famous writer, C S Lewis said, “Literature

adds to reality, it does not simply describe it.”

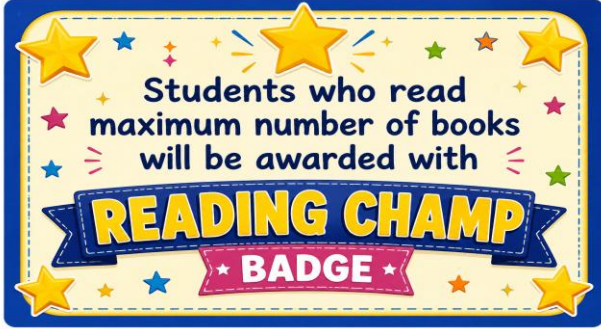
Reading is not merely a habit; it is a quiet awakening of the mind and spirit. In an era of fleeting distractions, reading anchors the mind, refines language, nurtures imagination and cultivates patience, focus, empathy, perspective, and discernment.

Books are faithful companions, reflecting our inner selves while opening vistas beyond our immediate world. Therefore, we would like to share a list of readable books with you. Knowing, for sure, that you will read the maximum number of books from the given list.

A true **Reading Champ** never stops exploring through pages. Challenge yourself this summer to read as many books as you can, because every book you finish adds strength to your mind and wings to your dreams. Read more, learn more, and grow more every single day. You may add more books of your choice to the list and share with your friends and teachers.

S.No.	SUGGESTED READING
1.	To Kill a Mockingbird – Harper Lee
2.	The Fault in Our Stars – John Green
3.	The Perks of Being a Wallflower – Stephen Chbosky

4.	The Blue Umbrella – Ruskin Bond
5.	Swami and Friends – R.K. Narayan
6.	The Conch Bearer – Chitra Banerjee Divakaruni
7.	Ender’s Game – Orson Scott Card
8.	The Hitchhiker’s Guide to the Galaxy – Douglas Adams
9.	The Adventures of Sherlock Holmes – Arthur Conan Doyle
10.	Who Moved My Cheese? for Teens – Spencer Johnson



### BUDDING AUTHORS ARCADE

As your reading journey continues, you will surely be inspired to pen a book yourself. The school is providing you a great opportunity to be a published author.

Register yourself by 29 May 2026

Secure your spot here:

👉 <https://www.camp.bribooks.com/events/student/signup/sc-india-2026?sid=191728>

### HINDI CORE

### विषय –हिंदी(कोड-302)



- निर्देश- \*छात्राएँ अवकाश गृहकार्य को अपनी कार्यपुस्तिका में करेंगी।  
 \* परियोजना कार्य हेतु A4 साइज़ फाइल का प्रयोग करेंगी  
 \*कार्य करते समय सुन्दर लेखनी एवं रचनात्मकता का ध्यान रखेंगी।



परियोजना कार्य :

1. निम्नलिखित विषयों / स्वरुचि पर आधारित किसी एक विषय पर परियोजना कार्य की रूपरेखा तैयार कर शोध (रिसर्च) कीजिए।  
\*कवि – कृतियाँ, कहानीकार – प्रमुख कहानियाँ, \*भारतीय ग्रामीण संस्कृति और शहरी जीवन \* मीडिया का इतिहास / कहानी / कविता/नाटक /पत्र-पत्रिकाओं का इतिहास आदि।
2. अपनी रूचि के अनुसार कहानी पढ़कर नाटक में परिवर्तित कीजिये।
3. बाज़ार का दृश्य को चित्रित करते हुए किसी एक उत्पाद(प्रोडक्ट) पर सचित्र विज्ञापन प्रस्तुत कीजिये।
4. महादेवी वर्मा के संस्मरण 'भक्तिन' को पढ़कर आपके मन में आए 'स्त्री' के जीवन-संघर्ष से सम्बंधित विचारों को पंक्तिबद्ध कीजिए।

## MATHS

1. Frame 10 objective type questions with answers (not from the textbook) from each of the following chapters-
  - i. Continuity and Differentiability
  - ii. Matrices
  - iii. Determinants
  - iv. AOD
2. Do Miscellaneous exercises and examples of the chapters mentioned above.
3. Complete the worksheets given during enrichment classes.
4. Revise all the work done till now.
5. Complete activity files/ project work.

## APPLIED MATHS

1. Frame 10 objective type questions with answers (not from the textbook) from each of the following chapters-
  - i. Differentiation
  - ii. Matrices
  - iii. Determinants
  - iv. AOD
  - v. Linear Programming
2. Complete the worksheets given during enrichment classes.
3. Revise all the work done till now.

4. Complete activity files by using the link below

<https://acrobat.adobe.com/id/urn:aaid:sc:AP:82c69af3-babe-4944-bd17-39a8c3d05d1c>

5. Complete the project file

## **BIOLOGY**

**1. Instructions:** Write the answers to the following questions in your Biology notebook. Draw neat and properly labelled diagrams wherever required.

Distinguish between self-pollination and cross-pollination. Also mention four floral adaptations that discourage self-pollination.

Define double fertilization and explain its process with the help of a labelled diagram.

State the main features of flowers pollinated by wind and provide one suitable example.

Describe the process of megasporogenesis in angiosperms.

What do you understand by apomixis? Differentiate it from parthenocarpy and state one practical application of apomixis.

Explain microsporogenesis briefly.

Describe the structure of a mature pollen grain and mention any two functions performed by the pollen wall.

Why is pollen viability important? Mention any one factor influencing it.

Explain the structure and functions of seminiferous tubules present in the human testis.

Describe the functions of FSH and LH during the menstrual cycle.

Differentiate between spermatogenesis and oogenesis on the basis of any three points.

Explain the various events taking place during the luteal phase of the menstrual cycle.

Mention the changes occurring in the ovary and uterus during the follicular phase of the menstrual cycle.

Describe the structure and functions of the placenta. Name any two hormones secreted by it.

What modifications occur in the sperm head during fertilization? How do these changes assist in zygote formation?

## **2. Investigatory Project Work**

During the holidays, students are required to complete an Investigatory or Experimental Project as part of their academic enrichment activities. The topic should be finalized after discussion with the subject teacher. The project must involve research, observation and, wherever possible, experimental work.

### **Guidelines for the Project:**

Topic Selection – Choose an appropriate and engaging topic in consultation with your teacher.

Objectives – Clearly state the purpose and aims of the investigation.

Planning the Project – Prepare a proper plan for conducting the study or experiment.

Collection of Materials – Arrange all necessary materials and decide the methodology to be followed.

Conducting the Investigation – Carry out the experiment or research systematically.

Recording and Presentation – Maintain proper records of observations and results in an organized manner.

**Suggested Format for the Project Report:**

Title of the Project

Objectives

Materials Required

Procedure / Methodology

Observations and Results

Analysis and Interpretation

Discussion – Mention findings, difficulties faced, and learning outcomes.

Conclusion – Summarize the important outcomes of the project.

References – Cite all books, websites, journals, or other sources referred to.

Ensure that the work submitted is original and that all references are properly acknowledged. The completed project will be submitted for evaluation after the holidays.

Happy Learning and Exploring!

## **BIOTECHNOLOGY**

Instructions:

The Holiday home work should be submitted on 1st July 2026.

Prepare an investigatory or experimental project on a topic selected from the CBSE Class XI or XII, Biotechnology book

The investigatory project should contain the following headings:

- (a) Title Page
- (b) Acknowledgement Certificate
- (c) Index or Table of Content
- (d) Introduction of the Topic
- (e) Principle and Theory
- (f) Procedure

## **PHYSICS**

### **GENERAL INSTRUCTIONS:**

***1. Write your Name, Class and Section on the top right side corner of the sheet by***

***mentioning Project aim with details.***

***2. Complete the write- up of selected project in any sheets and keep all the sheets in a folder.***

**3. Submit the write-up for the project by 10th July 2026.**

**A. Activity record to be completed. Write the following activities in a separate practical**

**Record (hard bound and thin one). Which is to be submitted at the time of opening. Link is provided for the following activities <https://www.learnbse.in/cbse-class-12-physics-lab-manual/>**  
SECTION A

1) To assemble a household circuit comprising three bulbs, three (ON/OFF) switches, a fuse and a power source.

2) To study the variation in potential drop with length of wire for a steady current.

3) To assemble the components of a given electrical circuit.

SECTION B

4) To observe refraction and lateral deviation of a beam of light incident obliquely on a glass slab.

For writing following order should be followed.

Aim, Material required, Theory/Principle, Procedure, Conclusion (Ruled side)

Neat diagram and observation table (leave it blank) on Blank side/(plain one) of practical record.

**B. Following are the list of projects suggested by CBSE. You have to select a topic from the list and prepare a write up for the same. You can choose any other topic related to XII physics after discussion with the subject teacher. Write up should have –**

**.Certificate**

**.Acknowledgement**

**.Aim,**

**.Principle/Theory**

**.Procedure,**

**. Diagram**

**. Observation table, Precautions**

**. Required result with steps of calculations must be mentioned.**

**You can choose any other topic for your project but it should be Investigatory and related to XII syllabus. You can refer link <http://www.ncert.nic.in/exemplar/labmanuals.html>**

**and <http://ncert.nic.in/ebooks.html> or PDF of activities for the same. Suggested Investigatory Projects:**

1. To study various factors on which the internal resistance/EMF of a cell depends.

2. To study the variations in current flowing in a circuit containing an LDR because of a variation in
- (a) the power of the incandescent lamp, used to 'illuminate' the LDR (keeping all the lamps at a fixed distance).
  - (b) the distance of an incandescent lamp (of fixed power) used to 'illuminate' the LDR.

3. To find the refractive indices of (a) water (b) oil (transparent) using a plane mirror, an equiconvex lens (made from a glass of known refractive index) and an adjustable object needle.

4. To investigate the relation between the ratio of (i) output and input voltage and (ii) number of turns in the secondary coil and primary coil of a self-designed transformer.
5. To investigate the dependence of the angle of deviation on the angle of incidence using a hollow prism filled one by one, with different transparent fluids.
6. To estimate the charge induced on each one of the two identical Styrofoam (or pith) balls suspended in a vertical plane by making use of Coulomb's law.
7. To study the factor on which the self-inductance of a coil depends by observing the effect of this coil, when put in series with a resistor/(bulb) in a circuit fed up by an A.C. source of adjustable frequency.
8. To study the earth's magnetic field using a compass needle -bar magnet by plotting magnetic field lines and tangent galvanometer.

## **CHEMISTRY**

### **GENERAL INSTRUCTIONS:**

*1. Please submit the Homework after the school reopens.*

**Practical records to be completed:**

**A) Write the Experiment Observation and inference for the analysis of the given salts .**

1. Lead Nitrate
2. Ammonium Sulphate
3. Aluminum Chloride
4. Strontium Acetate.
5. Barium Iodide
6. Zinc Carbonate.
7. Calcium Nitrate

**B) Write the Experiment Observation and inference for the Identification of the functional groups: Alcohols, Acids, Aldehydes, Ketones and Phenols.**

**C) Following are the list of projects. You have to select a topic from the list after discussion with the subject teacher and prepare a write up for the same.**

1. Study of the quantity of casein in different samples of milk.
2. Preparation of Soya bean milk.
3. Analysis of honey.
4. Analysis of different samples of cold drinks.
5. Preparation of Rayon thread from filter papers.
6. Study the presence of insecticides and pesticides in fruits and vegetables.
7. Extraction of caffeine from tea leaves.
8. Analysis of vegetables and fruit juice.

**NOTE: You can also select other topics for the project but it should be investigatory.**

**The Project Write up should have –**

- a) Aim,
- b) Principle/Theory
- c) Procedure,
- d) Diagram/ Pictures
- e) Observation table,
- f) Result and
- g) Merits and demerits
- h) Bibliography

**D) Solve the Questions from the Chapters Solutions, Electrochemistry and Chemical Kinetics .**

## HOME SCIENCE

### Project Work

The following projects have been assigned. Complete them as instructed in class:

- Study of a Community-Based Nutrition/Health Programme

Conduct a study of an integrated community-based nutrition or health programme being implemented in your area. Include the following aspects:

- a) Objectives of the programme
- b) Target group/beneficiaries
- c) Method of implementation
- Survey on Perception of Persons with Special Needs

Visit nearby areas and interview two adolescents and two adults to understand their perceptions and attitudes towards persons with special needs

- Profile of Persons with Special Needs

Prepare a profile of any two individuals (child or adult) with special needs. Include details about their:

Diet

Clothing

Daily activities

Physical needs

Psychological needs

- Development of Educational Messages

Design five messages related to nutrition, health, and life skills. Use different modes of communication (e.g., posters, slogans, digital media) and target different groups.

- Market Survey of Processed Foods

Conduct a survey of any five processed food items. Analyze their packaging and label information.

- Practical Work

Prepare any one of the following:

Design and create a toy or game suitable for children of a specific age group, using locally available and indigenous materials.

OR

Prepare a teaching aid to communicate socially relevant messages for children, adolescents, or adults in the community.

## HISTORY PROJECT WORK

A) Shortlist the topics from Indian History and collect adequate information on the topic through various

resources (newspaper article, journal, websites etc.)

Prepare an outline structure on the basis of your information collected. Topic will be finalized after discussion in the class.

The project should include following sections

1. Certificate

**2. acknowledgement**

**3. Synopsis**

**4. Content - Map work, infographics, case studies, flow charts**

**5. Conclusion**

**6. Bibliography**

**B) Watch episodes on Magadha Empire on Bharat-Ek Khoj by Jawahar Lal Nehru**

**C) Read Mahabharat by Devdatta Patnayak**

**D) Was there any political authority in the Harappan empire? Prove your statement with examples in your registers.**

**E) Frame MCQs and short questions from Chapter 1, 2 and 3 in your registers.**

## **POLITICAL SCIENCE**

### **ANNUAL PROJECT**

#### **Rationale**

CBSE has incorporated project work in Political Science to enable students to extend their interest beyond textbooks and provide them with a platform to gather information, value the decisions made to shape the community and visualise future course of action to be taken to ensure healthy democracy.

**The Project can be made on any of the topics given in the syllabus of class XII.**

#### **SUGGESTED TOPICS:**

1. NAM- 1961 to present times.
2. Division of Germany with special focus on the construction and dismantling of the Berlin Wall.
3. CIS-Central Asian Republics
4. Disintegration of USSR with special focus on Gorbachev.
5. Arab Spring
6. Cover the negative as well as positive aspects of relationship between India and the following countries.

Focus on any one of the following (current updates should be highlighted):

A-Relationship between India and Russia

B-Relationship between India and China

C-Relationship between India and Pakistan

D-Relationship between India and Bangladesh

7. ASEAN

8. European Union and India

9. BRICS

10. SAARC

11. India's Nuclear Policy

12. United Nations with focus on India's candidature in Security Council.

13. UN Agencies – UNICEF, UNESCO, WHO

14. Pandemics: Covid 19- Its global impact (focus on worldwide cooperation and preparedness along with controversies (please collect newspaper clippings for the same)

15. Partition of India-Theory behind it and its legacy

16. Comparison between NITI AAYOG and Planning Commission and their contribution in India's Development.

17. Election Commission of India and Electoral Roll and its revision

18. Elections 2019- Rise of BJP and Downfall of Congress (1989-2019).

19. Imposition of Emergency in India

20. NDA III and NDA IV – Social and Economic welfare programmes.

21. Iran War and its Geo-Political implications

22. Any other relevant topic

**Students may work upon the following lines:**

**1. Choose a relevant topic and get it approved before you start your research on the topic.**

**2. Learning Objectives of the Project**

**3. Content not to be missed in every project -Timeline, Maps, Mind maps, Pictures, cartoons, leaders, events, events photographs, newspaper cuttings-- Compulsory in every project.**

**4. Organization and presentation of Material/Data**

**5. Analyzing the Material/Data for Conclusion and draw the Relevant Conclusion**

**6. Bibliography**

**7. Cover page highlighting the Topic of the Project inclusive of Art Integration**

2. REVISION

-Revise carefully every page, cartoon, image, map, question, box of all the chapters taught in the class.



**3.READ NEWS PAPERS EVERY DAY AND WHERE EVER REQUIRED, USE THE NEWS ARTICLES IN YOUR PROJECT.**

## **GEOGRAPHY**

1. Mark the following on the Political Map of India and World.

Locate and label the Map items given below and paste the maps in a Separate File.

### **Book- India People and Economy**

**1.State with Highest and Lowest Density of Population (2011)**

**2. Cities with more than 10 million population**

- a) Greater Mumbai
- b) Delhi
- c) Kolkata
- d)Chennai
- e) Bengaluru

**3.Leadng Producing states of of the following crops**

- a)Rice
- b)Wheat

c) Cotton

d) Jute

e) Sugercane

f) Tea) Coffee

#### **4. Mines of India**

1. Iron-ore mines: Mayurbhanj, Bailadila, Ratnagiri, Bellary

2. Mangnese mines: Balaghat, Shimoga

3. Copper Mines: Hazaribagh, Singhbhum, Khetari

4. Bauxite Mines -Katni, Bilaspur, Koraput

5. Coal Mines-Jharia, Bokaro, Raniganj, Neyveli

6. Oil Refineries-Mathura, Jamnagar, Barauni

#### **5. International Trade**

Major sea ports:

1. Kandla

2. Mumbai

3. Marmagao

4. Kochi

5. Mangalore

6. Tuticorin

7. Chennai

8. Vishakhapatnam

9. Paradwip

10. Haldia

#### **International Air ports of India**

1. Ahmedabad

2. Mumbai

3. Bengaluru

4. Chennai

5. Kolkata

6. Guwahati

7. Delhi

8. Amritsar

9. Thiruvananthapuram

10. Hyderabad.

**Book : Fundamentals of Human Geography**

**International Seaports of the World**

**Europe:** North Cape, London, Hamburg

**North America:** Vancouver, San Francisco, New Orleans.

**South America :** Rio De Janeiro, Colon, Valparaiso

**Africa:** Suez and Capetown

**Asia:** Yokohama, Shanghai, Hong Kong, Aden, Karachi, Kolkata

**Australia:** Perth, Sydney, Melbourne

**International Airports of the World**

**Asia:** Tokyo, Beijing, Mumbai, Jeddah, Aden

**Africa:** Johannesburg, Nairobi

**Europe:** Moscow, London, Paris, Berlin, Rome

**North America:** Chicago, New Orleans, Mexico City

**South America:** Buenos Aires, Santiago

**Australia:** Darwin, Wellington

**Inland Waterways**

Suez Canal, Panama Canal, Rhine waterways, St. Lawrence Seaways

Write a Detailed note on the following Canals of the world.

Stick Maps of the Canals

1. Indira Gandhi Canal
2. Panama Canal
3. Suez Canal

Explain major Trans Continental Railway Routes of the World and Show the Following Railway Routes on the world Map.

Write 5 points on each Railway Route.

1. Trans Australian Continental Railway
2. Trans Siberian Railway Route
3. Trans Canadian Railway Route

## PSYCHOLOGY

Case Profile Assignment (Disorder Study)

1. Each student has to start working on the selected psychological disorder and prepare a detailed soft copy of the case profile, (as per the sample)

You are required to consult a psychologist or psychiatrist (of your choice or the one suggested by us) to obtain a real-life case related to the selected disorder.

The following components must be covered in your project:

- a. Introduction
- b. Historical Background of the Disorder
- c. Current Research and Studies
- d. About the disorder.
- e. Clinical Signs and Symptoms
- f. Causes
- g. Treatment Approaches
- h. Present condition
- i. Case History (as shared by the teacher)

2. Practical File Work

a. Write the Historical Background section for your Practical File as part of your summer homework.

3. Create notes by incorporating flow charts and mind maps of chapter 2: Self and Personality

## SOCIOLOGY

**Project Work:**

1. To shortlist a relevant topic for research. Topic should be related to any of the SDG Goals.
2. To collect adequate information available on the topic for Introduction. (Not to exceed more than 5-6 pages)
3. To prepare the Research Design for the topic (Objectives, Hypothesis, Research Method and tool for data collection, Sample Site and Size)

4. If using Survey, prepare the Questionnaire / Interview Schedule.
  5. If using Case Study (Comparison) then identify 5 cases to be studied in depth. All matter to be collected in detail for the same.
  6. If using Observation- make a list of things to be observed (Participant or Non- Participant) in the research
- Send the above at the email IDs of respective subject teachers for approval
7. Once approved then collect data as per instruction

### **Chapter 2: The Demographic Structure of the Indian Society**

1. To make notes as per instructions in class and answer the questions as given
2. Prepare 1 marker statement on the chapter in your register

## **PHYSICAL EDUCATION**

### **RESOURCE MATERIAL-**

\*Any Physical Education reference lab manual (Saraswati Publication) which you can easily get.

### **Make a Record file:**

Any one Games/ Sports of your choice out of the list-Basketball, Kho-Kho, Volleyball, Hockey, Cricket, Tennis, Athletics.

- History of the game
- Labelled diagram of field and equipments
- Rules and regulation of the game
- Fundamental skill of the game
- Terminologies of the game
- Any five Personalities
- Venue and Tournament

## **YOGA**

### **RESOURCE MATERIAL-**

\*CBSE Textbook-XII or any other book (Vishvash Publication) which is according to the syllabus

\*You can download from the website CBSE.nic.in

1. Prepare a practical file -
  - Write about Surya Namaskar,
  - Sukshma Vyayama
  - 24 asanas including 6 Asanas from each of the following categories as per your

syllabus - Standing Asanas, Sitting Asanas, Supine line Asanas, Prone-line Asanas.

- Method or steps along with diagrams of main pose and steps.

- Benefits

- Precautions

- 05 pranayamas as given in the syllabus

- 03 Bandha

- 03 Mudras

2. Make a separate project file on the given topic.

3. Practice of following Mantras along with meaning–

- Om saha navavatu.....

- Om puran mad puran midam...

- Five Bhagwat Gita Shlokas related to Yoga

- Gayatri Mantra

4. Try to visit any hospital or clinic and learn first aid and different types of CPR

5. Visit any nearby Yoga centre and practice Shatkarma.

## COMMERCE

### Subject: Business Studies

1. As per the guidelines discussed and shared in the class, complete the assigned Project Work part B ,as per assigned topics.

2. Complete the worksheets No.1 ,2, and 3(Take the printout,complete it, and submit it on 1st July 2026)

### Subject: Entrepreneurship

1. Complete Market survey Report,as per the guidelines discussed and shared.

2. Create final draft of Business plan,showcasing :

A ).Entrepreneur 's profile b). Enterprise 's profile c) Long and short term objectives ,Time Mgt. d).Technical feasibility e).Marketing plan

### Subject: Accountancy

1. Complete the worksheets based on ch 1 to 4 ( solving the questions) and submit the same on 1<sup>st</sup> July 2026

2. Collect financial statements of a large-scale company ( balance sheet, income statement ie profit and loss a/c) for project work

### Subject: Economics

1. Revise Chapter 1 of Indian Economic Development and Unit 1 ( National Income and Related Aggregates) of Macroeconomics

2 Practice numerical questions based on Measurement of National Income from the book.

3. Prepare a synopsis on the topic of your project as per the given guidelines and discussion in the class and submit it on 1st July2026

\*MANDATORY FOR CLASS XII ."My Closet Audit" | SDG 12 & SDG 5: Gender Equality\* \*What are you

supposed to do\*: Audit your wardrobe like a business audits assets. \*Steps\*: 1. \*Count clothes\* = Assets.

Estimate total value = Capital your parents invested. (Eg: Opening: `Assets: Clothes 15,000 = Capital: 15,000`)

2. \*For 7 days\*: Each time you DON'T buy fast fashion, record "Revenue: Saved ₹300" → Cash ↑300, Capital

↑300 Each time you give clothes to donation = "Drawings: ₹500" → Assets ↓500, Capital ↓500 3. \*Liability

angle\*: Did you buy anything on EMI? That's Liability. Show equation. 4. \*Closing\*: New equation ↓

Answer: “Is my closet a ‘profitable’ SDG 12 business?” \*For project submission format:\* 1. \*1 page\*: Accounting Equation Table showing 8-10 transactions 2. \*½ page\*: Define 5 terms you used - Asset, Capital, Expense, etc. 3. \*½ page\*: “What I learned about SDG .

## COMMERCIAL ART

- Complete the sketches and posters

### Objectives:

- To develop creativity and imagination
- To improve drawing and coloring skills
- To understand the basics of commercial art and visual communication
- To enhance presentation and design skills

### Materials Required:

- Drawing sheets / sketchbook
- Pencils (HB, 2B, 4B, 6B)
- Eraser and sharpener
- Poster colors / watercolors / sketch pens
- Black marker for outlining
- Scale (if needed for layout)

### Learning Outcomes:

- Apply elements and principles of art in their work
- Create visually appealing and meaningful designs
- Develop better observation and sketching skills
- Understand how art is used in advertising and communication

## PAINTING

- Complete the sketches and compositions

### Objectives

- To enhance students’ **observational and drawing skills.**
- To develop understanding of **composition, balance, and proportion.**
- To encourage **creativity and originality** in artistic expression.
- To improve skills in **sketching, shading, and detailing.**
- To build the habit of **regular practice and visual exploration.**

### Material Requirements

Students are required to arrange the following materials:

- **Sketchbook / Drawing File** (A3 or A4 size)
- **Pencils** (HB, 2B, 4B, 6B, 8B)
- **Eraser and Sharpener**
- **Black Pen / Fineliner** (for outlining if needed)
- **Colours** (any one or more): Water colours, Poster colours ,Colour pencils
- **Brushes** (round brushes – sizes 0, 1, 2, 4)
- **Palette and Water container**
- **Cloth/Rag** (for cleaning brushes)
- **Scale (Ruler)**

### Learning Outcomes

- Create well-structured **compositions** using appropriate elements of art.
- Demonstrate improved **sketching and shading techniques**.
- Apply concepts of **balance, harmony, and proportion** in their artwork.
- Express ideas and themes **creatively and effectively** through visual forms.
- Develop confidence in **independent art practice** and presentation.

### COMPUTER SCIENCE

1. Write python code snippet to reverse a string without using slicing.
2. Count the number of **vowels** in a string.
3. Check if a string is a **palindrome**.
4. Write a program to find the **sum** and **average** of all elements in a list.
5. Write a Python program to remove duplicates from a list.
6. Discuss the utility and significance of Tuples, briefly
7. What is the difference between (30) and (30,).
8. What will be the output of the following code snippet?
 

```
My_dict={}
My_dict[(1,2,4)]=8
My_dict[(4,2,1)]=10
My_dict[(1,2,)] =12
Sum=0
for k in My_dict:
    sum =sum+My_dict[k]
print(sum)
print(My_dict)
```
9. Write two points of difference between Circuit switching and Packet switching.
10. Compare wired and wireless media

### INFORMATIC PRACTICES (IN PRACTICAL FILE)

1. Write a Python program to create a Series of 10 random numbers and display:
  - a. First 5 elements
  - b. Last 3 elements

2. Carefully observe the following code :

```
import pandas as pd
product={'prodid':pd.Series([1,2,3,4,5]),
'pname':pd.Series(['pen', 'pencil', 'eraser', 'color', 'sharpeners']),
'qty':pd.Series([2,10,10,30,10]),
'price':pd.Series([300,20,50,40,15])} stock=pd.DataFrame(product) print(stock)
```

Write Python statements for the following :

- (i) Display the names of products.
- (ii) Display the products with price greater than 40.

3. Create a DataFrame with the following data:

1.	Name	2.	Marks	3.	Grade
4.	A	5.	85	6.	A
7.	B	8.	67	9.	B
10.	C	11.	90	12.	A
13.	D	14.	45	15.	C

Perform the following:

- a. Display the DataFrame
  - b. Add a new column "Passed" (Yes/No)
  - c. Display only students scoring above 80
4. CSV File Handling

Create a CSV file named sales.csv with columns: Product, Price, Quantity

Write a program to:

- a. Read the file
- b. Display total sales (Price × Quantity)

## ARTIFICIAL INTELLIGENCE

1. To research on a Capstone Project (SDG related would be preferable) and create a project file on the same. Create the related Python code program also.