MGD GIRLS' SCHOOL, JAIPUR

HOLIDAY ASSIGNMENT
CLASS – 11
SESSION 2026-27

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SUMMER HOLIDAY ACTIVITIES

1.PROJECT SYNOPSIS - 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.

For Reference: -

Hornbill – Prose & Poetry Themes Chapter
Wise Themes

1. The Portrait of a Lady

- Old age and loneliness
- Strong bond between grandson & grandmother
- Changing relationships
- Acceptance of death

2. We're Not Afraid to Die…:-

- Courage and resilience
- Optimism in adversity
- Family bonds
- Survival against odds
- Human endurance

3. Discovering Tut: The Saga Continues

- History vs modern science
- Mystery of death
- Respect for the past
- Archaeology
- Ethical dilemmas

4. Childhood

- Loss of innocence
- Individuality
- Hypocrisy of adults
- Self-discovery
- Transition from childhood to adulthood

5. Father to Son

- Generation gap
- Lack of communication
- Emotional alienation
- Longing for understanding

6. The Voice of the Rain

- Cyclical nature of life
- Personification of rain
- Giving & receiving
- Eternal cycle of nature

7. The Adventure

- Time travel
- Alternate reality
- Importance of decisive moments
  Catastrophe theory

8. Silk Road

- Travel & exploration
- Cultural diversity
- Tibetan landscape
- Inner & outer journey
- Human connection

Snapshots – Supplementary Reader Themes

1. The Summer of the Beautiful White Horse

- Innocence
- Trust
- Poverty vs honesty
- Childhood adventures
- Cultural values of Armenian families

2. The Address

- War & loss, post-war trauma
- Human behaviour in crisis
- Memories, materialism vs emotions

3. Mother's Day

- Status of women in family
- Lack of appreciation
- Gender roles, empowerment
- Humour in domestic life

4. Birth

- Duty & compassion of a doctor
- Social divides fade in crisis
- Humanity above all

5. The Tale of Melon City

- Satire on governance
- Mob mentality
- Foolish rulers
- justice system
- Irony & humour

2. Art for Action: Choose any 1 of the 17 Sustainable Development Goals that matters most to you. Create an A3-size poster that shows:

1. The Problem – Use drawings, collage, or symbols to depict how this issue looks in your city/country.

2. Your Action – Illustrate 1 specific step that students like you can take to help solve it. Add a 50-word 'Artist's Note' at the bottom explaining your SDG, why you chose it, and how your poster can inspire change. Your work will be judged on creativity, SDG connection, and clarity of message."_____

Example :- SDG 13 – Climate Action

Poster Title: "Our Degrees Are Rising"

The Problem – Visual: A thermometer made of melting crayons. The mercury is actually city traffic, factories, and AC units. Jaipur's Hawa Mahal is shown faint in the heat haze.

Your Action – Visual: A hand turning off a switch. The cord of the switch becomes a tree branch with leaves. Next to it: "1 Hour No-AC Challenge".

Artist's Note: I chose SDG 13 because Jaipur's summers are getting unbearable. My poster shows that our small choices like switching off AC for 1 hour add up. If 1000 students do this, we save energy equal to 200 trees. Art can make people feel the heat, not just read about it.

Presentation in class about your poster will be considered for Spoken Skill Assessment

Date of Submission: 6 July 2026

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.

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

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

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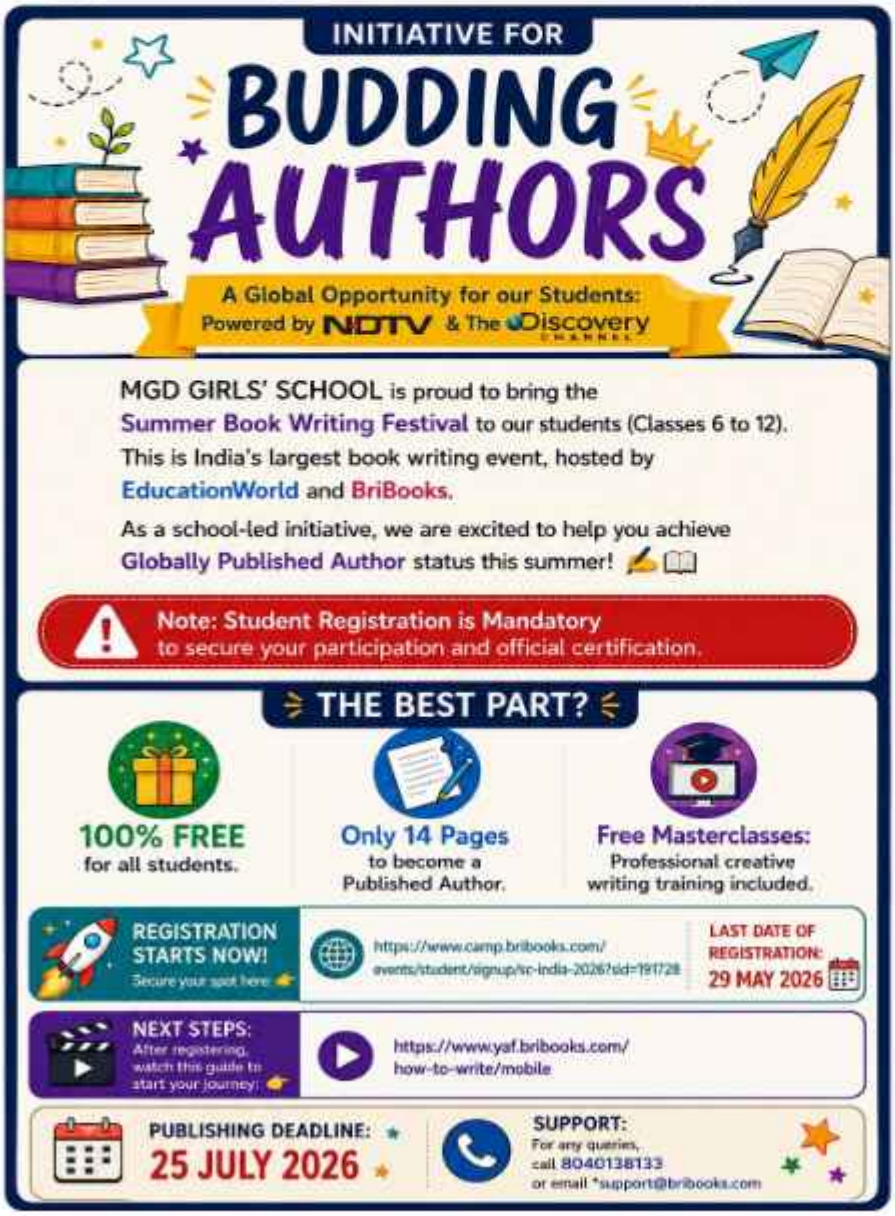
BUDDING AUTHORS ARCADE

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

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 में से /स्वरुचि पर आधारित किसी एक विषय पर सचित्र परियोजना कार्य की रुपरेखा तैयार कीजिए।
*प्रिय कवि / लेखक एवं उसका रचना संसार /चुनिंदा कृति/ कहानियां
*मीडिया /पत्रकारिता / जनसंचार के माध्यम/ फिल्मों का इतिहास आदि।
2. वाचन ,श्रवण कौशल गतिविधि हेतु स्वरुचि के अनुसार गद्य एवं पद्य अंश तैयार कीजिये।
3.प्रेमचंद की "नमक का दरोगा" कहानी को पढ़कर उसे संवाद रूप में सचित्र प्रस्तुत कीजिये।
4.(डायरी लेखन):
ग्रीष्मकालीन अवकाश के दौरान आपने किसी एक United Nations Sustainable Development Goals (SDG Goal) को ध्यान में रखते हुए क्या कार्य किया?
उसे डायरी शैली में लिखिए। अपने लेख में निम्न बिंदुओं को शामिल करें—
आपने कौन-सा SDG Goal चुना (जैसे स्वच्छता,शिक्षा, पर्यावरण आदि)
*उस लक्ष्य से संबंधित आपने क्या-क्या गतिविधियाँ कीं
*उन कार्यों का आपके और समाज पर क्या प्रभाव पड़ा
*इस अनुभव से आपने क्या सीखा

SANSKRIT

निर्देशाः -

1. अभ्यासकार्यस्य प्रत्येकविषयस्य 4 प्रश्नाः करणीयाः |
2. लेखनस्य स्मरणकार्यस्य च गतिविधिम् आन्तरिक-मूल्याङ्के ग्रहीष्यते |
3 अवकाश -गृहकार्यम् पृथक् कार्यपुस्तिकायां कर्तव्यम् |

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1 अभ्यासकार्यम् -

क अपठित -अवबोधनम् ---- 4 प्रश्नाः करणीयाः

ख पत्रलेखनम् ----- 4 प्रश्नाः करणीयाः

ग लघुकथालेखनम् ---- 2 प्रश्नाः करणीयाः

घ लेखनकार्यम् - कस्मिन् एव विषये 80 शब्दानाम् एकः अनुच्छेदः लिखत |

यथा - कृत्रिम बुद्धिमत्ता , पर्यावरण संरक्षणम् , यात्रावर्णनम् , मम जीवनस्य लक्ष्यम् वा ।

च स्मरणकार्यम् – एकम् संस्कृतगीतम् (कस्मिन् एव विषये) स्मरत |

छ अन्नम् ब्रह्मा रसम् विष्णु : --- --- --- भोजन मंत्रस्य कंठस्थीकरणम् |

Elink- www.studiestoday.com

PHYSICS

A. Explore how Physics concepts such as heat transfer, reflection, insulation and ventilation help keep houses cool naturally and support sustainable living (SDGs).
Include examples, observations and your conclusion in a neat handwritten/project format.
Physics Behind Cooling Homes Naturally

SDG Link: SDG 11: Sustainable Cities and Communities
SDG 13: Climate Action

Task: Investigate how traditional Indian houses stay cool.
(Compare temperatures in different rooms/materials, Study roof colors and Ventilation, Suggest low-cost cooling methods)

B. Revise the basic mathematical tools, graphs, Dimensional analysis
C. Write down the following Activities given below, neatly in the Activity file:
1. To study the variation in range of a projectile with angle of projectile.
2. To study the conservation of energy of a ball rolling down an inclined plane (using a double inclined plane)
3. To make a paper scale of given leastcount,eg.0.2cm,0.5cm
4. The activity should specifically consist of the following details:
1.Aim of the activity
2 Materials required
3. Diagram
4.Theory
5.Observation
6.Calculation and graph(If required)
7.Result
8.Precautions
9.Sources of error
For reference: www.learncbse.in Cbse lab manual

CHEMISTRY

1. Please submit the Homework after the school reopens.
Practical records to be completed:
A) Write the analysis of the given Acid Radicals as per instructions given in the classroom
1.Carbonate
2 Sulphide
3 Sulphite
4 Nitrite
5 Acetate
6 Oxalic Acid
7Chloride
8Bromide
9 Iodide
10 Nitrate
11 Sulphate
12 Phosphate
B) Holiday Homework Project
Activity Based Learning Programme:
Theme (Choose Any One)
• Sustainability and Waste
OR
• Sustainability and Water
Objective
To develop awareness about sustainable living through observation, research, teamwork, creativity, and practical activities
C) Solve the Questions from the Chapters:
a) Some Basic Concepts of Chemistry
b) Structure of atom

HOME SCIENCE

- Healthy Snack Recipes
- Write two recipes of healthy snacks suitable for adolescents utilizing the leftover cooked food
- eg. Cooked White rice can be made to fried rice .
- PowerPoint Presentation
- Prepare a PowerPoint presentation on any one of the following topics:
- Health and Fitness
- Dietary Patterns in Adolescence
- Modifying Diet-Related Behaviour
- Factors Influencing Eating Behaviour
- Eating Disorders in Adolescence

BIOTECHNOLOGY

1. Mention any two applications of biotechnology in crop improvement
2. What is cloning? How is molecular cloning different from animal cloning? Mention any two applications of molecular cloning
3. What are reducing sugars? How would you test for the presence of reducing sugars in a sample?
4. a) What are the different components of a nucleotide?
b) What is the difference between a nucleotide and a nucleoside?
5. What are conenzymes? Conenzymes are derived mostly from which group of vitamins?

BIOLOGY

Instructions: Write the answers to the following questions in your biology notebook. Draw diagrams wherever necessary.

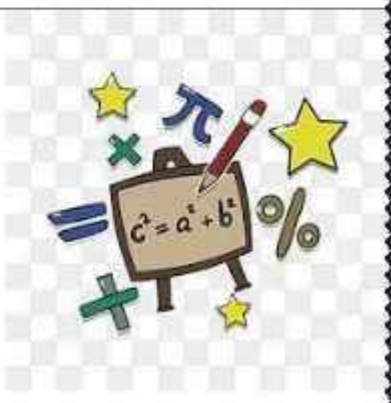
1. Compare prokaryotic cells and eukaryotic cells on the basis of any three characteristics.
2. Define ribosomes. Explain their structure along with their functions.
3. Mention any three distinctions between rough endoplasmic reticulum (RER) and smooth endoplasmic reticulum (SER).
4. State the functions of the Golgi apparatus in a cell. Mention two cellular activities associated with it.
5. Explain the structure as well as functions of mitochondria.
6. Draw and label a plant cell. Also write three points that distinguish it from an animal cell.
7. Describe the fluid mosaic model of the plasma membrane and name its major constituents.
8. What are plastids? Name their three types and write one function of each.

9. Name the different phases of the cell cycle and briefly explain interphase.
10. Differentiate between mitosis and meiosis.
11. Explain the events that occur during metaphase of mitosis.
12. What are homologous chromosomes? Describe their behaviour during meiosis-I.
13. Describe the ultrastructure of cilia or flagella and explain the 9+2 arrangement of microtubules.
14. Write the major events that take place during prophase-I of meiosis. Why is this phase regarded as significant?
15. Draw a well-labelled diagram of anaphase stage of mitosis in an animal cell.

II. Instructions

- Note the following experiments in the biology practical file.
- While writing the experiment, the diagrams should be drawn on the left-side blank sheet and the written matter should be on the ruled sheet (right side).
- Study of osmosis by potato osmometer.
- Study of plasmolysis in epidermal peels (e.g. Rhoeo/lily leaves or fleshy scale leaves of onion bulb).
- Specimens/slides/models and identification with reasons – Bacteria, Oscillatoria, Spirogyra, Rhizopus, mushroom, yeast, liverwort, moss, fern, pine, one monocotyledonous plant, one dicotyledonous plant and one lichen.
- Virtual specimens/slides/models and identifying features of – Amoeba, Hydra, liver fluke, Ascaris, leech, earthworm, prawn, silkworm, honeybee, snail, starfish, shark, rohu, frog, lizard, pigeon and rabbit.

APPLIED MATH



1. Do miscellaneous exercises and examples of the following chapters from NCERT
i. Sets
ii. Relations and Functions
iii. Permutations and Combinations
iv. Probability

2. Complete activity file as per your teacher's guidance
Using MATHS ACTIVITY file link below
https://acrobat.adobe.com/id/urn:aaid:sc:AP:52e64fd5-0c20-4a18-9237-9fd0f3d62e80

3. SDG based projects to be made .Some of the examples are as below
(1) Energy Audit (electricity bill based activity) (2) RO Waste water management
(3) Fuel audit using consumption of Petrol, Diesel, or Electric vehicle
4. Complete SDG based Worksheet of Permutations and Combinations using the link

below
https://docs.google.com/document/d/14sGaZ78hFiMQEkHtfJva7yG9d1t7zJm0Enas6Wg5M8/edit?usp=sharing
5. Complete all the worksheets given/ shared.

MATHEMATICS CORE

1. Do the following SDG based worksheet . Link for the worksheet is attached herewith

https://docs.google.com/document/d/14sGaZ78hFiMQEkHtfJva7yG9d1t7zJm0E-nas6Wg5M8/edit?usp=sharing

2. Do miscellaneous exercises and examples of the following chapters:
   i. Sets
   ii. Relations and Functions
   iii. Permutations and Combinations
   iv. Probability

2. Complete activity file.
3. Complete the following project in your activity file .

PROJECT : How Can We Reduce Electricity Consumption at Home?

(a) To collect data to estimate appliance-wise consumption mathematically using power ratings and usage hours (table to be filled).

APPLIANCE	POWER RATING	NUMBER OF APPLIANCES	AVERAGE HOURS USED DAILY
LED bulb			
fan			
AC			
Refrigerator			
TV			

(b) Calculate the bill amount of a particular month and compare it with actual bill amount of that month. Use formula : Units Consumed (kWh)$=\frac{\text{Power Rating (W)} \times \text{Hours Used x no.of appliances}}{1000}$

(c) Reflect upon SDG 7 – Affordable and Clean Energy & SDG 12 – Responsible Consumption) and suggest ways to save energy.

4. Complete all the worksheets given/ shared.

MATHS LAB ACTIVITIES & PROJECTS:

https://ncert.nic.in/pdf/publication/sciencelaboratorymanuals/classXI/mathematics/kelm401.pdf

https://ncert.nic.in/pdf/publication/sciencelaboratorymanuals/classXI/mathematics/kelm402.pdf

BUSINESS STUDIES

Revise chapter No.1 Evolution of Business.
Discuss in around 200 words " Role , Business can play to help achieve SDG Goals .

ACCOUNTANCY

Solve all numericals of Accounting Equation chapter from T.S.Grewal.
Research about 5 start ups and what problem are they solving related to environment. (One page on each start up covering owners, capital invested, sales turnover , profit/loss, problem.

ECONOMICS

1. Learn and Practice Chapters of Statistics and Microeconomics for Assessment 1 (As per the syllabus uploaded on School Website)
2. Conduct a Water audit for your family during the vacations (for minimum 15 days) , keeping in mind following parameters

a. No. of members in a family
b. Water consumption (in litres approx.) for various uses (bathing, drinking, kitchen, gardening, RO, cooler etc.) on daily basis
c. Average Water consumption (in 15 days)
d. Areas where water was used non judiciously.
e. Steps taken to prevent water wastage
f. Suggestions for water conservation in future.

ENTREPRENEURSHIP

1.Revise Chapters 1 and 2 thoroughly.
2.Develop a Questionnaire comprising of not less than 25 questions based on the Business Ideas as approved in the class.

COMPUTER SCIENCE

1. What functions are performed by the ALU? Is it independent unit? If not, which unit does ALU work in coordination with?
2. Draw a block diagram depicting organization of a mobile system.
3. What is the utility of this software?
   a. Disk Fragmentor
   b. Backup software
4. Draw a flowchart,Write an algorithm and pseudocode for the following to find the
   a. To calculate square of a number.

an

b. To calculate simple interest
c. To print the cube of number.
d. To find the area and perimeter of a rectangle.
e. To check whether a year is a leap year or not.
f. To categorise a person as either child (<13), teenager (>-13 but <20) or adult (>=20) based on age specified.

5. Define each of the following:
   a. Byte
   b. Kilobyte
   c. Petabyte
   d. Zettabyte
   e. Yotabyte
   f. Gigabyte

INFORMATICS PRACTICES

1. Define the following terms:
   a) Relation
   b) Tuple
   c) Attribute
   d) Domain
   e) Meta data
   f) Candidate key
   g) Cartsian product
   h) Degree
2. What is the importance of a Primary Key in a table? Explain with a suitable example.
3. A school has a rule that each student must participate in a sports activity. So each one should give only one preference for sports activity. Suppose there are five students in a class, each having a unique roll number. The class representative has prepared a list of sports preferences as shown below. Answer the following:

Table: **Sports Preferences**

Roll_no	Preference
9	Cricket
13	Football
17	Badminton
17	Football
21	Hockey
24	NULL
NULL	Kabaddi

   a) Roll no 24 may not be interested in sports. Can a NULL value be assigned to that student's preference field?
   b) Roll no 17 has given two preference sports. Which property of relational DBMS is violated here? Can we use any constraint or key in the relational DBMS to check against such violation, if any?
   c) Kabaddi was not chosen by any student. Is it possible to have this tuple in the Sports Preferences relation?
4. A. Create the table given below.

Table: **Teacher**

No	Name	Age	Department	Dateofjoin	Salary	Sex
1.	Jugal	34	Computer	10/01/97	1200	M

2.	Sharmil	31	History	24/03/98	0	F
3.	a	32	Maths	12/12/96	2000	M
4.	Sandeep	35	History	01/07/99	0	F
5.	Sangeet	42	Maths	05/09/97	3000	M
6.	a	50	History	27/06/98	0	M
7.	Rakesh	44	Computer	25/02/97	4000	M
8.	Shyam	33	Maths	31/07/97	0	F
	Shiv				2500	
	Om				0	
	Shalakh				3000	
	a				0	
					2100	
					0	
					2000	
					0	

B. a). To show all information about the teacher of History department.
b).To list the names of female teachers who are in Hindi department.

c). To list names of all teachers with their date of joining in ascending order
d). Increase salary of teacher records by 10% (table teacher)
e). Give commission of Rs. 500 to all teacher who joined in year 2012 (table teacher)
f). Modify table teacher, add another column called Grade of VARCHAR type, size 1 into it.
g). Add a constraint (NN-Grade) in table teacher that declares column grade not null.
h). Insert a record of your choice in table teacher . Make sure not to enter Grade.
i). Modify the definition of column grade in table teacher. Increase its size to 2
j). Rename table teacher as teacdetails.
k). Drop the column teacher incomegroup from table teacher.
l). Drop the table teacher.

ARTIFICIAL INTELLIGENCE

To research on a Capstone Project (SDG related would be preferable) and create a project file on the same

GEOGRAPHY

Theme: World Environment Day 2026 – Accelerating Climate Action
General Instructions:
• Complete all work neatly and with proper headings
• Maintain cleanliness and creativity
• Submit your work on time

Activity 1: Project Work (A4 Sheet)
Explore the main physical features of India and identify the rich biodiversity found in each feature.
Also explain:
• The role of indigenous people in protecting biodiversity
• A brief note on indigenous communities and their evolution in the Indian diaspora
Activity 2: Abstract Writing (A4 Sheet – 150 Words)
Write an abstract on World Environment Day 2026 – Accelerating Climate Action
Activity 3: Poster Making (A3 Sheet)
Create a poster on the theme Climate Action 2026
(Add a suitable slogan and use eco-friendly / biodegradable materials)
Activity 4: Map Work (A4 Sheet)
Locate Azerbaijan on the world map and write 4–5 lines about its location
"Act Today for a Sustainable Tomorrow"

HISTORY

PROJECT WORK-
1. Shortlist few topics after going through the History syllabus for class XI
Collect information and prepare an outline structure on those topics .
Topic for project will be finalised after discussion in the class.
The project should include the following sections
A. Certificate
B. Acknowledgement
C. Synopsis
D. Content - Map work, infographics, case studies and flow chart
E. Conclusion
F. Bibliography
1. Documentary*
2. Watch episodes on Indus Valley civilisation in Bharat-Ek Khoj by Jawahar Lal Nehru
3. Read any two books written by Devdatta Patnayak
4. Study and collect information about Mesopotamian and Indus Valley civilisation .
5. Prepare a comparative study on both of these civilizations in your registers.
6. Frame MCQs and short questions from Chapter 1 in your registers.
10 Project Topics Connecting History, Civilizations, and Sustainability

1. Sustainable Living in the Indus Valley Civilization
Study the town planning, drainage systems, water conservation, and eco-friendly lifestyle of the Indus Valley people.

2.Ancient Egyptian Civilization and Sustainable Agriculture
Explore how the Nile River was used for irrigation, farming, and water management.

1. Roman Engineering and Sustainable Urban Planning
Analyze Roman aqueducts, sewage systems, roads, and public infrastructure from a sustainability perspective.

1. Traditional Water Harvesting Systems in Ancient India
Research stepwells, johads, tanks, and baolis as sustainable solutions for water conservation.

1. The Persian Qanat System: Ancient Underground Water Technology
Study how Persian civilizations supplied water to dry regions without wasting natural resources.

1. Sustainable Architecture in Ancient Civilizations
Compare eco-friendly construction techniques used in ancient civilizations like the Indus Valley, Roman, and Egyptian civilizations.

1. The Role of Rivers in the Development of Ancient Civilizations
Examine how rivers supported sustainable settlements, trade, agriculture, and cultural growth.

1. Ancient Waste Management Systems and Modern Sustainability
Compare ancient sanitation methods with present-day waste management practices in cities.

2. Climate and Environmental Challenges Faced by Ancient Civilizations
Investigate how droughts, floods, and environmental misuse contributed to the decline of civilizations.

3. Lessons Modern Cities Can Learn from Ancient Civilizations
Explore how ancient practices of water conservation, public hygiene, and sustainable planning can solve modern urban problems.

SOCIOLOGY

Project Work:
1. To shortlist a relevant topic for research. It should be related with 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 1: Sociology and 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

POLITICAL SCIENCE

ANNUAL PROJECT
Assignment 1
Summary of Iran Israel war 2026 highlighting the learning outcomes and reflection on the issue.

Assignment 2
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. Using maps, cartoons, pictures, leaders / Events photographs, events, time lines, newspaper cuttings is compulsory in every project. Cover page highlighting the Topic of the Project.

Students may work upon the following lines:
1. Choose a relevant topic and get it approved before you start your research
2. Learning Objectives of the study
3. Content not to be missed in every project -Timeline, Maps, Mind maps, Pictures, etc.
4. Organization and presentation of Material/Data
5. Analyzing the Material/Data for Conclusion and draw the Relevant Conclusion
6. Bibliography

PSYCHOLOGY

Annual Project
Students may work individually or in groups. Each group should choose one topic and prepare a detailed project file.
For every project, include the following sections: - Introduction to the topic - Objectives of

the study - Relevant psychological concepts - Famous psychologists or research studies related to the topic - Sources of information used - Research methodology used - Conclusion and personal reflection - Bibliography

1. New and Old Technologies Used to Understand Brain Functioning

Suggested areas: - MRI vs fMRI - CT Scan vs PET Scan - EEG and Brain Mapping - Role of Artificial Intelligence in neuroscience - Difference between old and modern methods of studying the brain

Project sections: - Introduction to brain functioning - Traditional methods used in earlier times - Modern technologies used today - Comparison between old and new methods - Advantages and limitations of each method - Conclusion on how technology has improved understanding of the brain

Possible research methodology: - Internet research - Pictures and diagrams - Comparison chart - Interviews with teachers or medical professionals if possible

2. Myths vs Facts in Psychology

Suggested myths: - We use only 10% of our brain - Opposites attract - Memory works like a camera - Left-brained people are logical and right-brained people are creative - People with mental illness are always violent

Project sections: - Introduction to common myths in psychology - Explanation of each myth - Scientific facts and evidence against the myth - Why such myths are popular - Impact of myths on society

Possible research methodology: - Survey among classmates or family members - Internet research - Collection of newspaper articles, reels, or social media examples

3. New vs Old Branches of Psychology

Suggested branches: - Clinical Psychology - Educational Psychology - Sports Psychology - Counselling Psychology - Consumer Psychology - Positive Psychology - Cyber Psychology - Forensic Psychology

Project sections: - Introduction to branches of psychology - Traditional branches of psychology - Emerging modern branches of psychology - Scope and career opportunities in each branch - Why new branches are becoming important today

Possible research methodology: - Internet research - Career-based survey - Comparison table

4. Interpretation of Psychology in Media and Movies

Students may choose movies, web series, advertisements, or social media content.

Suggested examples: - Representation of mental illness in films - Stereotypes shown in media - Portrayal of psychologists and therapy - Influence of social media on body image and self-esteem

Project sections: - Introduction to psychology in media - Examples from films, shows, advertisements, or social media - Whether the portrayal is realistic or exaggerated - Positive and negative impact on audiences - Suggestions for better representation

Possible research methodology: - Observation - Content analysis - Survey among viewers - Review of movie scenes or advertisements

5. Lawrence Kohlberg's Theory of Moral Development

Project sections: - Introduction to moral development - Brief biography of Lawrence Kohlberg - Explanation of the three levels and six stages of moral development - Real-life examples for each stage - Importance of moral reasoning in everyday life - Criticism of the theory

Possible research methodology: - Interview people of different age groups - Present moral dilemmas and record responses - Compare answers according to Kohlberg's stages

6. Jean Piaget's Theory of Cognitive Development

Project sections: - Introduction to cognitive development - Brief biography of Jean Piaget - Explanation of the four stages: - Sensorimotor Stage - Preoperational Stage - Concrete Operational Stage - Formal Operational Stage - Examples of behaviour at each stage - Importance of Piaget's theory in education - Limitations of the theory

Possible research methodology: - Observe children of different age groups - Compare behaviour according to Piaget's stages - Use pictures, charts, or diagrams

7. Problems Faced During Different Developmental Stages

Suggested developmental stages: - Childhood - Adolescence - Adulthood - Old Age

Possible issues: - Peer pressure - Identity crisis - Stress and anxiety - Career confusion -

Loneliness - Health concerns - Memory decline
Project sections: - Introduction to human development - Explanation of each developmental stage - Problems commonly faced at each stage - Causes and effects of these problems - Preventive measures and solutions - Conclusion on the importance of support systems
Possible research methodology: - Interviews with people from different age groups - Questionnaire survey - Observation - Case study method

Submission Guidelines

- Keep the work neat and creative.
- Add pictures, charts, drawings, and examples wherever possible.
- Mention sources of information used.
- Write your name, class, and section clearly.
- Submit the homework in a folder or file after the holidays.

Holiday Homework: Emerging Branches of Psychology

Objective

The purpose of this activity is to help students understand how psychology is expanding into new areas and becoming relevant in everyday life, careers, health, technology, sports, crime, business, and social media.

Instructions

Students may work individually or in pairs.

Each student/group has to choose one emerging branch of psychology and prepare a detailed project file.

Suggested Topics

- Cyber Psychology
- Sports Psychology
- Positive Psychology
- Consumer Psychology
- Environmental Psychology
- Forensic Psychology
- Health Psychology
- Counselling Psychology
- Military Psychology
- Aviation Psychology
- Media Psychology
- Criminal Psychology
- Rehabilitation Psychology
- School Psychology
- Artificial Intelligence and Psychology

Project Format

Your project should include the following sections:

1. Introduction to the Branch
- Meaning and definition
- Main focus of the branch
- Why it is important today
2. Origin and Development
- When did this branch become important?
- Why did people start studying this field?
- What social or scientific changes increased its importance?
3. Famous Psychologists and Contributors Mention important psychologists, researchers, or experts connected with this field.
4. Recent Research and Developments Students should find:
- Recent studies
- New findings
- Modern applications
- Role of technology in this branch
- How this field is being used in today's world

5. Scope and Career Opportunities Students should mention:
- Careers related to this field
- Where psychologists in this branch can work
- Future demand and opportunities

6. Real-Life Examples Give examples of how this branch is useful in real life.

Example:
- Sports Psychology helps athletes improve focus and confidence.
- Cyber Psychology studies the impact of social media and screen addiction.
- Forensic Psychology helps in criminal investigations.

7. Conclusion Write your own reflection on:
- Which branch you found most interesting
- Why this branch is important in modern society
- Whether you would like to explore it as a career

8. Bibliography Mention all books, websites, articles, interviews, or videos used.

Presentation Ideas

Students may make their project more creative by adding:
- Pictures and diagrams
- Newspaper articles
- Case studies
- Mind maps
- Charts and tables
- QR codes for videos or articles
- Interviews with professionals if possible

Submission Guidelines
- Keep the work neat and creative.
- Add pictures, charts, drawings, and examples wherever possible.
- Mention sources of information used.
- Write your name, class, and section clearly.
- Submit the homework in a folder or file after the holidays.

PHYSICAL EDUCATION

RESOURCE MATERIAL-

*Any physical education reference lab manual (Saraswati Publication) which you can easily get.
*You can download from the website CBSE.nic.in

GENERAL INSTRUCTION-

-Submission on opening.
-Students can contact for any doubt through email- dr.monikamathur9@yahoo.com

HOLIDAY HOME

Make a Record file:

BADMINTON

-History of the game
-Labeled diagram of field and equipment
-Rules and regulation of the game
-Fundamental skill of the game
-Terminologies of the game
-Personalities (Any five)
-Venue and Tournament

YOGA

RESOURCE MATERIAL-

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

HOLIDAY ASSIGNMENT

1. Practice
   - 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.
   - 05 pranayamas as given in the syllabus
   - 03 Bandha
   - 03 Mudras
2. Practice of following Mantras along with meaning–
   - Om saha navavatu……
   - Om puran mad puran midam...
   - Five Bhagwat Gita Shlokas related to Yoga
   - Gayatri Mantra
3. Try to visit any hospital or clinic and learn first aid and different types of CPR
4. Visit any nearby Yoga centre and practice Shatkarma.

PAINTING AND COMMERCIAL ART

Practical
Make object sketches of the following-
5 foot wear
5 kitchen appliances
5 utensils
5 fruits
5 vegetables
5 accessories
5 furniture
5 vehicles
5 stationary
5 objects of your choice

* keep in mind to place the object in front and sketch, do not copy from internet