



MGD GIRLS' SCHOOL, JAIPUR
HOLIDAY ASSIGNMENT
CLASS – 11
SESSION 2024-2025

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SUMMER HOLIDAY ACTIVITIES



ENGLISH

1. Look at the famous painting, “**Daya of Glory**” by **Satish Gujral** and answer the questions that follow based on your interpretation of it.



- a) Suggest an alternative title for this painting.
 - b) Narrate a story based on your interpretation of the painting.
 - c) What inspired the painter to draw this particular painting? Write a few words about the painter and his style of painting. [Research based activity]
2. Copy Paste this link on youtube and watch the video:

<https://www.youtube.com/watch?v=0wCCzoFewgA>

Based on your observations answer the given question:

- a. Do you think Indian ads promote gender stereotypes? Substantiate your answers by quoting a few examples.
3. Create a podcast /documentary / standup comedy / a short commercial [audio or visual] addressing any social issue / superstition / painting or poetry.

4.

Govt's mother tongue push worries IITs

Teachers and officials cite possible damage to brand image and problems relating to infrastructure, teacher training and the students' career possibilities



Do you think that government decision to introduce regional languages in IITs is regressive and retrograde. Express your opinion in favour and against the topic. [150 words]

HINDI



- निर्देश- *छात्राएँ अवकाश गृहकार्य को अपनी कार्यपुस्तिका में करेंगी।
*परियोजना कार्य हेतु A3 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 ।
2. *प्रिय कवि / लेखक एवं उसका रचना संसार /चुनिंदा कृति/ कहानियां
3. *मीडिया /पत्रकारिता / जनसंचार के माध्यम/ फिल्मों का इतिहास आदि ।
4. स्ववृत्त लेखन : विद्यालय में कैबिनेट में 'लिटररी कैप्टन' के पद हेतु अपना स्ववृत्त (बायोडाटा) प्रस्तुत कीजिए ।
5. वाचन ,श्रवण कौशल गतिविधि हेतु स्वरुचि के अनुसार गद्य एवं पद्य अंश तैयार कीजिये ।
6. प्रेमचंद की "नमक का दरोगा" कहानी को पढ़कर उसे संवाद रूप में सचित्र प्रस्तुत कीजिये ।
7. आपकी ग्रीष्मकालीन अवकाश की दिनचर्या को डायरी शैली में लिखिए ।
8. फिल्म निर्माण किसी तपस्या से कम नहीं" फिल्म निर्देशक सत्यजित रे के सन्दर्भ में स्पष्ट कीजिये।

SANSKRIT

निर्देशा: -

1. अभ्यासकार्यस्य प्रत्येक विषयस्य 5 प्रश्नाः करणीयाः ।
 2. लेखनस्य स्मरणकार्यस्य च गतिविधिम् आन्तरिक-मूल्याङ्के ग्रहीष्यते ।
 - 3 अवकाश -गृहकार्यम् पृथक् कार्यपुस्तिकायां कर्तव्यम् ।
- अ अभ्यासकार्यम् - क. अपठित -अवबोधनम्
ख. पत्रलेखनम्
ग. लघुकथालेखनम्
- Elink- www.studiestoday.com
ब लेखनकार्यम् - कस्मिन् एव विषये 100 शब्दानाम् एकः अनुच्छेदः लिखत ।
यथा - अनुशासनम् , यात्रावर्णनम् , मम जीवनलक्ष्यम् , मम विद्यालयः मह्यं रोचते आदयः।
स स्मरणकार्यम् - संस्कृतगीतम् (कस्मिन् एव विषये) स्मरत ।
E link - Jayatu samskritam , Gaiea Sanskrit



PHYSICS

- A. Revise the basic mathematical tools, graphs and Dimensional analysis and chapter -Motion in a straight line
- B. 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 least count ,eg .0.2 cm, 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.

A) Write the analysis of the given Acid Radicals

1. Carbonate
2. Sulphide
3. Sulphite
4. Nitrite
5. Acetate
6. Oxalic Acid
7. Chloride
8. Bromide
9. Iodide
10. Nitrate
11. Sulphate
12. Phosphate

B) Write the analysis of the given Basic Radicals

1. Lead
2. Copper
3. Aluminium
4. Iron
5. Zinc
6. Manganese
7. Nickel
8. Cobalt
9. Barium
10. Strontium
11. Calcium
12. Magnesium

C) Select a topic for the project after discussion with the subject teacher and prepare a write up for the same.

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) Read the Chapters 1.Basic concepts of Chemistry 2.Structure of Atom
And solve all the Questions Mentioned in NCERT

HOME SCIENCE

Write two recipes of healthy snacks for adolescent.

1. Prepare power point presentation on any one of the following-

- Health and fitness
- Dietary patterns in adolescence
- Modifying diet related behaviour
- Factors influencing eating behaviour
- Eating disorders at adolescence

2. Write two recipes of healthy snacks for adolescent.



BIOTECHNOLOGY

1.Prepare a Doodle note for Topic- Biomolecules -Carbohydrates/Proteins/Nucleic Acids.

2. Prepare 10 MCQ questions on Biomolecules.

BIOLOGY

I : Read the chapter – Chapter 8: “ Cell – The Unit of life”

Tabulate the cell organelles as given below:

S.No.	Name of the cell structure	Location	Structural details and diagram	Functions
1.	Cell Membrane(example)			

After the activity you should know about-

- Difference between Gram-positive and Gram-negative bacteria
- Two subunits of ribosomes
- Composition of bacterial cell wall
- Active Transport
- Endomembranous system
- Thylakoids
- Axoneme
- Kinetochores
- Perinuclear space
- Histones



II : For the Practical Record

Instructions

I. Note the following experiments in the biology practical file.

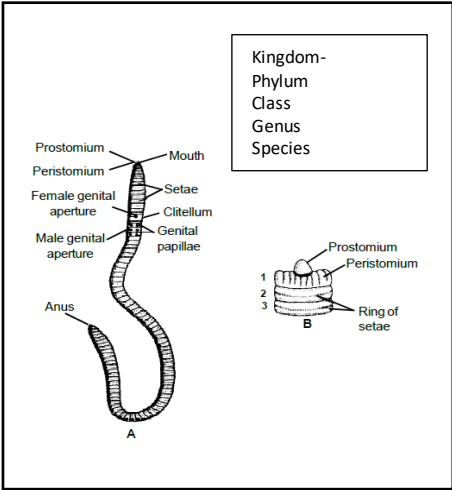
- II. While writing the experiment, the diagrams should be drawn on the left side blank sheet and the written matter should be on the ruled sheet(right side).
- III. The content can be written from any lab manual or using the given link – <https://ncert.nic.in/science-laboratory-manual.php>
- IV. This work is to be submitted when the school will reopen.

- 1 Study of osmosis by potato osmometer.
- 2 Study of plasmolysis in epidermal peels (e.g. Rhoec/lily leaves or flashy scale leaves of onion bulb).
- 3 Test for the presence of sugar, starch, proteins and fats in suitable plant and animal materials.
- 4 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.
- 5 Virtual specimens/slides/models and identifying features of – Amoeba, Hydra, liverfluke, Ascaris, leech, earthworm, prawn, silkworm, honeybee, snail, starfish, shark, rohu, frog, lizard, pigeon and rabbit.

Note: For the plant and animal kingdom diagrams i.e. 3 and 4 : The layout should be as under

LEFT SIDE

RIGHT SIDE



IDENTIFYING FEATURE/COMMENTS:
1.
2.
3.



1. Do exercises and examples of the following chapters from Handbook

- Sets, Relations and Functions
- Sequences and Series
- Permutations and Combinations
- Link to handbook

https://cbseacademic.nic.in/web_material/Manuals/Applied_Mathematics.pdf

2. Do project as per your teacher's guidance. Students may find suggested topics in the link below.

https://cbseacademic.nic.in/web_material/CurriculumMain24/SrSec/Applied_Mathematics_SrSec_2023-24.pdf

APPLIED MATH

1. Do exercises and examples of the following chapters from Handbook

- Sets, Relations and Functions
- Sequences and Series
- Permutations and Combinations
- Link to handbook

https://cbseacademic.nic.in/web_material/Manuals/Applied_Mathematics.pdf

2. Do project as per your teacher's guidance. Students may find suggested topics in the link below.

https://cbseacademic.nic.in/web_material/CurriculumMain24/SrSec/Applied_Mathematics_SrSec_2023-24.pdf

BUSINESS STUDIES

1. Revise Chapters 1 ,and 9 thoroughly.
2. Complete worksheets assigned with reference to chapter No. 1,and 9

ACCOUNTANCY

1. Revise Chapters 1, 2, 5, 6 and 8.
- 2 .Complete the assigned worksheets with reference to chapter Nos - 1,2 5 ,6 and 8



ECONOMICS

1. Revise Chapters 1 and 2 in Statistics and Chapter 1 in Microeconomics.
2. Prepare a PPT on the topic allotted to each student as per the instructions and guidelines discussed in the class.

ENTREPRENEURSHIP



- 1.
2. Revise Chapters 1 and 2 thoroughly.
3. Develop a Questionnaire comprising of not less than 18 questions based on the Business Ideas as approved in the class.

COMPUTER SCIENCE

Answer the following questions (in your classworks/in a separate folder):

1. Differentiate between RAM & ROM.
2. What are the various categories of software? Give atleast one line of explanation for each.
3. Convert the following:
 - i. $(47)_{10} = ()_2$
 - ii. $(1100101)_2 = ()_{10}$
 - iii. $(32)_{10} = ()_8$
 - iv. $(421)_8 = ()_{10}$
 - v. $(11011)_2 = ()_8$
 - vi. $(45)_8 = ()_2$
 - vii. $(AF)_{16} = ()_{10}$
 - viii. $(1AB)_{16} = ()_2$
 - ix. $(1110001010)_2 = ()_{16}$
 - x. $(125)_{10} = ()_{16}$
4. State & prove De-Morgan's Law using truth-table.



INFORMATICS PRACTICES



Do Q1 in your Practical files and Q2 in your regular IP registers

Write Mysql Statements to-

- To create a database and student table with the student id, class, section, gender, name, dob, and marks as attributes where the student id is the primary key.
- To insert the details of at least 10 students in the above table.
- To display the entire content of table.
- To display Rno, Name and Marks of those students who are scoring marks more than 5
- To display Rno, Name, DOB of those students who are born

between '2015- 01-01' and '20015-12-31'.

- Learn and write about the following terms with suitable examples-

- i. Primary Key
- ii. Candidate Key
- iii. Alternate Key

- iv. Composite Key
- v. DBMS
- vi. RDBMS
- vii. Relation
- viii. Cardinality
- ix. Degree
- x. Data Integrity



HISTORY

1. PROJECT WORK-

- Shortlist few topics after going through the syllabus and prepare an outline structure on those topics to be discussed in class
2. Documentary- Watch episodes on Bharat-Ek Khoj by Jawahar Lal Nehru
3. Read any two books written by Devdatta Patnayak
4. Study and gather the information on Greek civilization and why did the region become Hellenized.
5. Frame MCQs from Chapter 1 in your registers.

GEOGRAPHY

TOPIC:

- Importance of Maps in Geography
- Importance of Sustainable Development

Note-Read the information given below and answer the following questions.

A map is a simplified depiction of the whole or a part of the earth on a piece of paper. A map is drawn at a reduced scale. Cartography, being an art and science of map making, does include a series of processes that are common to all the maps. The essentials or processes of map making are scale, map projection, map generalisation, map design and, map construction and production. The types of maps based on the scale are large scale maps and small scale maps. Large scale maps are cadastral maps and topographical maps. Small scale maps are wall maps and atlas maps. A map is a simplified depiction of the whole or a part of the earth on a piece of paper. A map is drawn at a reduced scale. Cartography, being an art and science of map making, does include a series of processes that are common to all the maps. The essentials or processes of map making are scale, map projection, map generalisation, map design and, map construction and production. The types of maps based on the scale are large scale maps and small scale

maps. Large scale maps are cadastral maps and topographical maps. Small scale maps are wall maps and atlas maps. On the basis of their functions, the maps can be classified as physical maps and cultural maps. Physical maps show natural features such as relief, geology, soil, drainage, climate and vegetation etc. Cultural maps show man-made features such as political boundaries, population distribution, transportation lines etc. Maps are used by geographers, planners and resource scientists for the measurement of distance, direction and area. Distance on the map is measured by using scale, thread and rotameter. Direction is measured with the help of a compass. Thus, maps are an important tool in geography. Write the answers of the following questions in your notebook.

Question 1. What are Maps?

Question 2. What is the importance of Maps in Geography?

Question 3. Why maps are considered as an important tool for a Traveller?

Question 4. What are Physical Maps?

Question 5. What are Cultural Maps?

Question 6. What is Cartography?

Question 7. Who is a Cartographer?

Question 8. What is GPS ?

Question 9. What is Sustainable Development? Learn a brief note on 17 SDGs How Can India Achieve these Goals by 2030.

Project and Poster Making for Practical Assessment.

1. Make one A3 Size Poster on the theme of World Environment Day 2024. Land Restoration, Desertification and Drought resilience.
2. Choose any topic from your Geography Textbook Fundamentals of Physical Geography and make a model working or non working. Give a write-up on A4 sheet with all the details of your model and give a presentation during class Exhibition.

SOCIOLOGY

1. Project work- Shortlist few topics after going through the syllabus and prepare an outline structure on those topics to be discussed in class
 - a. Literature Review
 - b. Methodology-Survey or Case based
2. Read about the major sociologists of the world. Collect and record information about Indian and Western sociologists (2 each)
3. As a student of sociology prepare a paper on
 - i. The Impact of Covid-19 on student lifeOr
 - ii. The sociology of Online Learning
6. Prepare MCQs on Chapter 1 in your registers.

POLITICAL SCIENCE



One Project to be done throughout the session, as per the existing scheme. The Project can be made on any of the topics given in the syllabus of class XII. Students can use primary sources available in city archives, Primary sources can also include newspaper cuttings, photographs, film footage and recorded written/speeches. Secondary sources may also be used after proper authentication. Use maps cartoons, events, timelines etc for presentation.

(Using maps, cartoons, pictures, leaders photographs, events, time lines, newspaper cuttings is mandatory in every project)

1. Students may work upon the following lines:

1. Choose a relevant topic
2. Need/objectives of the study
3. Content -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

Get your topic approved after writing an introduction of 2-3 pages covering its important aspects. Once it is approved you can start with your research. You can mail the same.

2. Prepare a PPT on the General elections held in India from 19 April to 1 June 2024 in seven phases to elect 543 members for the 18th Lok Sabha right from the time of declaration of dates to the declaration of results and the formation of the new government at the Centre highlighting the important role and functioning of the Election Commission. PPT can be of 10 to15 Slides. It is compulsory for every student of Political Science.

PSYCHOLOGY



- 1) STEP 1. Identify the Various Possible Branches of Psychology which can be relevant in the Present time.
- 2) STEP 2 How is Psychology helpful in Understanding the functioning in that Branch.
- 3) With the help of Analysis (Quantitative or Qualitative) Conclude Importance, Application of that specific branch.
- 5) Submission has to be Handwritten in the given format

Title

Index

Sub heading

Analysis

Conclusion

Reference.

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
- Terminologies of the game
- Fundamental skill of the game
- Personalities
- Venue and Tournament



YOGA

1. Om chanting-9 times
2. Spot jogging – 1 minute
3. Neck exercises, shoulder rotation, simple leg bending from knee
- 4 . Forward-backward bending
5. Spinal Twisting
6. Paschimotanasan-30 seconds
7. Dhanurasan- 15 seconds
- 8.Pawanmuktasan-30 seconds
9. Shavasan-2 minutes
10. Bhastrika pranayam- 1-2 minutes (deep breathing little fast)
- 11.Kapalbhati- 50 strokes
12. Anulom-vilom-5 minutes
13. Bhramari Pranayam- 5 times
- 14.Meditation (concentrate and feel your natural breathing)
15. Laughing exercise.

- * Drink water in a sufficient amount
 - * Don't stress
 - * Pray God to keep this universe Happy and Healthy
 - *Put water for birds at your home
 - *Obey Elders
 - *Before getting down from bed do little exercise of your legs which are asked you during Yoga sessions.
 - * Don't watch TV while eating
 - *Chew your food properly
 - *Promote health, hygiene and cleanliness
 - *Take sufficient sleep and on right time.
 - *Keep smiling and be positive
 - *Learn something new
 - *Read newspaper and story books
- Enjoy your Holidays.
Spend or waste your time wisely.

PAINING AND COMMERCIAL ART

Folk Painting:

1. Phad painting
2. Pattachitra



pixtastock.com - 64693321



DANCE

1. Practice everything done during the classes.
2. Learn theory questions.

