

LT. COL. MEHAR LITTLE ANGELS SR. SEC. SCHOOL
HOLIDAY HOMEWORK
CLASS VII (2024-25)



Dear Students

Summer Vacation is the best and the most fruitful time for learning and nurturing creativity. Keeping this objective in mind we have planned diverse and exciting activities that will enhance your knowledge and boost your creativity.

- *“Knowledge is Power”. Therefore, read lots and lots of books to cultivate your reading habit and develop your vocabulary, and language skills, increase your attention span, and improve your spelling.*
- *“A healthy mind lives in a healthy body”. So, play the sport of your choice INDOORS. It will help to instill discipline, generate sporting spirits, and channel your energies constructively.*
- *Get up early in the morning and see the rising sun. Do indoor exercises/yoga and stay healthy and fit. Spend quality time with your elders and share your thoughts and ideas with them.*
- *Eat healthy food and drink lots of water during summer.*

ENGLISH

- 1) Make a collage of major women authors of the 19th and 20th centuries.
- 2) Read a book of your choice and write a review including
 - i) Title
 - ii) Main character
 - iii) Plot
 - iv) Theme
- 3) Make a beautiful bookmark for Gul Mohar Reader, decorate it, and write an inspirational quotation.
- 4) Write a paragraph on the given topics:
My favourite sport, My favourite holiday destination
- 5) Write the first 30 Antonyms and first 30 Synonyms from Lesson 24 (The Grammar Connect)
- 6) Make a poster on any of the following topics:
 - a) Water conservation
 - b) Stop child labour
 - c) Health is wealth
 - d) Save our planet
- 7) Prepare an Art- Integrated Project on Union Territories Andaman and Nicobar Islands to familiarize yourself with culture, dance forms, and tradition
Roll nos. 1-18 Collect information and paste pictures related to the culture and cuisine of Andaman and Nicobar Islands in a scrap file.
Roll nos. 19-onwards Prepare a brochure that advertises the sightseeing attractions of the Andaman and Nicobar Islands.

हिंदी

- 1- भाषा सेतु पाठ-1-प्रार्थना के शब्दार्थ, प्रश्नोत्तर, सप्रसंग व्याख्या आवधिक परीक्षा हेतु याद कीजिए।
- 2- हिंदी व्याकरण पाठ- 1 भाषा, बोली, लिपि और पाठ-4 आवधिक परीक्षा हेतु याद करें।
- 3- नीचे दिए गए विषयों पर भाषण लिखें या उनमें से कोई एक भाषण प्रतियोगिता हेतु याद करें ।
 - क- हमारा पर्यावरण
 - ख- अनुशासन का महत्व
 - ग- हमारी संस्कृति
 - घ -शिक्षक दिवस पर
- 4- कविता प्रतियोगिता हेतु कोई एक कविता लिखें व याद करें।

- 5- अपने मित्र को खेल का महत्व समझाते हुए पत्र लिखिए।
- 6- पांच विलोम शब्द व पांच पर्यायवाची शब्द लिखे व याद करें।
- 7- समाचार पत्र व पत्रिकाओं में से कोई पांच चित्र काटकर चिपकाए और उसका वर्णन अपने शब्दों में करें।
- 8 - 20 सुलेख लिखिए।
- 9 - दिल्ली के कोई 10 दर्शनीय स्थलों का एक कोलाज बनाएं
- 10 -हमारे जीवन में विचारों का क्या महत्व है क्या विचारों को बेलगाम छोड़ देना चाहिए इस विषय पाठ- 20 के आधार पर अपने विचार स्पष्ट कीजिए।

संस्कृतम्

- 1' मम दिनचर्या ' इति लिखन्तु (संस्कृतेन) चित्रं च लेपयन्तु ।
- 2 पंच श्लोकाः अर्थसहितं लिखन्तु चित्रं च लेपयन्तु।
- 3 पठ् धातु पंचषु लकारेषु , अस्मद्, युष्मद् शब्दरूपाणि स्मरन्तु ,लिखन्तु च।

MATHEMATICS

1. Practice chapters 1 and 2 for the first periodic test.
2. Do any 3 sums every day from chapters 1 and 2 in a separate notebook or thin register along with assertion and reasoning exercises of these chapters given at the back of the book.
3. Prepare a project on Andaman and Nicobar Islands keeping the following pointers in mind:
 - Geographical positioning
 - Population
 - Compare the area of any 5 islands using BAR GRAPH
 - Compare the number of visitors during the last four years using BAR GRAPH.
4. WORK IT OUT –
 - (a) Calculate the area and perimeter of different rooms of your house. Express your answers in meters.
 - (b) Write all the formulas used in chapters 1 and 2 on an A-4 sheet creatively.
5. Do the following activities on A-4 size sheets-
 - (a) Properties of integers (roll no 1 to 20)
 - (b) Exponents (roll no. 21 to 40)

SCIENCE

1. **Revise the following chapters thoroughly for the first periodic test.**

Chapter 1 – Nutrition in Plants

Chapter 2 – Nutrition in Animals

Read and learn the entire notebook thoroughly and book exercises also.

2. LOVE THE HANDS-ON AND 3D EFFECT

Roll no 1 – 20

Photosynthesis is important to living organisms because it is the number one source of oxygen in the atmosphere. Without photosynthesis, the carbon cycle could not occur, oxygen-requiring life would not survive and plants would die. Green plants and trees use photosynthesis to make food from sunlight, carbon dioxide, and water in the atmosphere: It is their primary source of energy. The importance of photosynthesis in our life is the oxygen it produces. Without photosynthesis, there would be little to no oxygen on the planet.

Construct a 3D model illustrating the process of photosynthesis.

Here's a list of materials you might consider using for your model:

1. **Clay or Play-Doh:** Useful for creating the basic structures such as chloroplasts and the stroma.
2. **Wire:** This can be used to form the thylakoid membranes and grana stacks.
3. **Beads:** Represent molecules like water, carbon dioxide, oxygen, and glucose.
4. **Green Paint:** To mimic the color of chlorophyll within the chloroplasts.
5. **Transparent Plastic Sheets:** Can be used to simulate the cell wall and membrane.
6. **Battery and Wires:** To power the LED lights.
7. **Paper or Cardboard:** For creating labels and explanatory notes.

Remember, the key components you'll want to represent in your model include **sunlight**, **water**, **carbon dioxide**, **chloroplasts**, **oxygen**, and **glucose**. The model should illustrate how sunlight is captured by chlorophyll and used to convert carbon dioxide and water into glucose and oxygen.

3. SCRAPBOOK – EXPRESS YOUR CREATIVITY

ROLL NO 21-40

Nutrients are the components found in our food such as carbohydrates, vitamins, minerals, fats, etc. These components are necessary for living organisms to survive. Plants produce their food while animals and human beings do not produce their food. We indirectly or directly depend on plants and animals for our food needs. Make a scrapbook showing the different modes of Nutrition in Plants.

INSTRUCTIONS:

1. Make it on an A4-size scrapbook.
2. Page limit is a minimum of 6 and a maximum of 10.
3. Draw or paste relevant pictures.
4. The scrapbook must be handwritten.

SOCIAL SCIENCE

Q.1. Make a scrapbook on any 5 monuments of the medieval period, collect some photographs, and paste them into a scrapbook. Mention features of the each monument in your scrapbook.

Q.2. Prepare a poster on an A3 size sheet to spread the message of Conservation of the environment.

Q.3. Make a project file on the life of Nelson Mandela describing his struggle against apartheid, his long imprisonment, and how he made South Africa free from the curse of racism.

* Learn & revise all the chapters that are done till now.

General Knowledge

1. Read the Newspaper daily.
2. Make a chart on Human Evolution
3. Prepare a scrapbook on India's landforms.
4. Revise the pages done in the G.K. book so far.

Art and Craft

- 1- Make a beautiful painting on A3 or A2 sheet with water colours or oil pastels
- 2- Make a wall decor with waste material

SKILL EDUCATION

1. Prepare a collage on the importance of millets.
2. Prepare flyers on any six exotic fruits or vegetables.

COMPUTER

Make a PowerPoint presentation by using all the tools and features of PowerPoint.

1. Roll No. 1-20: Spreadsheet/MS Excel (Meaning, Advantages, Different types of formulas and functions)
2. Roll No. 21 onwards: Spreadsheet/MS Excel (Meaning, Application, Types of Cell References).

II. Create a Worksheet to maintain the Monthly Expenses on Stationary.

Prepare the following headings/columns in the spreadsheet:

S.No., Commodity, Price, Quantity, Amount.

*Find the total amount of each heading by using the formulas learned in Chapter 2.

Note: Take out the printouts for the above and bring them in a clear bag after the holidays mentioning your roll number, name, class, and section