

**Ghaziabad
Public School**



Transforming Education, Empowering Students

SUMMER HOLIDAY HOMEWORK

GRADE: IX



To be ready for tomorrow's opportunities, do your homework today.
Learn, refine your skills and focus on your growth.

Dear Students,

Summer has arrived and brought with it your amazing and fun-filled holidays. Summer break is a well-deserved opportunity to relax and unwind by indulging in various activities. Your Holiday Homework has been specially designed for you to be creative, innovative and imaginative while completing your tasks. It will also enable you to recapitulate what was taught in the classrooms. We hope you will play, learn, research, analyze, experiment, imagine, think, value, appreciate and above all enjoy during your holidays. Wishing you happy holidays!

Instructions for the students:

- * Mention date and day when you do your work.
- * Use your creativity and imagination wherever required.
- * Submit your holiday homework when the school re-opens.



1) Read any one of the following stories from the prescribed English course book and depict it in a creative manner.

- I. The Fun They Had
- II. The Sound of Music
- III. The Lost Child
- IV. The Adventures of Toto

How to do: Use your imagination to convert the story in comic strips on A4 Size sheets.

2) Make an attractive “ Tense Chart” in A4 size sheet using colours or colours sheet

3) Complete the following Worksheet Pages of On Board Illa Vij-10 to 19,129 to 145,207 to 211,247 and 249

Note- Do the given worksheet in A4 Size sheets and compile all the given tasks in a transparent file with a cover page.

(002)

हिंदी ग्रीष्म अवकाश गृह कार्य

प्रश्न 1 निम्नलिखित विषयों में पर अनुच्छेद 80 से 100 शब्दों में लिखिए

(क) सामाजिक दूरी वर्तमान समय की आवश्यकता

(ख) स्वच्छ भारत उन्नत भारत

प्रश्न 2 अपने क्षेत्र में पार्क बनवाने हेतु नगर निगम अधिकारी को एक पत्र लिखिए।

प्रश्न 3 अलंकार तथा उसके भेदों तथा उनके उपभेदों के बारे में बताते हुए A3 शीट पर लिखिए।

प्रश्न 4 प्रेमचंद जी की किसी एक कहानी को पढ़कर उसका वर्णन अपने शब्दों में करिए।

प्रश्न 5 हिंदी समाचार पत्र में से किन्हीं 10 दिन के मुख्य समाचार A 4 सीट पर लिखिए।

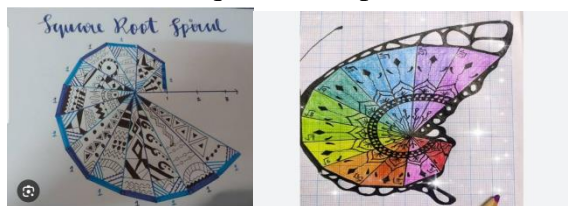
प्रश्न 6 पाठ्य पुस्तक व व्याकरण पुस्तक से किया गया संपूर्ण कक्षा कार्य याद करें।

निर्देश- सभी प्रश्नों के उत्तर रंगीन A4 शीट पर एक फाइल में बनाइए।

* कृपया लेख का ध्यान अवश्य रखिए

SUB: MATHEMATICS STANDARD (041)

1. Construct a square-root spiral on a A4 size sheet (It should be creative.)



2. ART INTEGRATED PROJECT

Andaman and Nicobar Islands are home to about a dozen endangered languages. The majority of the population speaks immigrant languages.

Demonstrate different languages spoken in Andaman and Nicobar through a Pie-chart. Bengali is the most spoken language here.

Search for others language spoken here and exhibit it by a Pie - chart.

[Do this on A-4 size coloured sheets] .

3. Make a working model on any one :-

a) Geometry board to understand properties of circle.

https://youtu.be/2xOkEnUu_eY?si=YKAYkI0vCUgoV3Dk

b) Geometric Automatic Drawing Machine on Cardboard.

https://youtu.be/y0HiDOBzKvs?si=b3AbT_P3FTHTXu1T

4. Revise the syllabus done in April and May month _

SUB: SCIENCE

(086)

CHEMISTRY

1. Make a working model on any one of the topic given below.

a) Prepare a 3-D model to demonstrate. movement of particles in solids, liquids and gases.

b) Prepare a working model of water- fill alarm.

https://youtu.be/MnX36KH0w6Q?si=3aeA_j8qHhDUb4ao

<https://youtu.be/ScHt1kNvnd8?si=5eJMJRyf8NtnjGRX>

2. Write about 10 examples of chemical reactions which happen naturally (on A-4 size sheet).

3. Make a pictionary of 15 new words related to chemistry from ch: 1 Matter in our surroundings and also paste pictures related to the topic(A4 size).

4. Value - Based Assignment

Research on the life history and contribution of two Indian scientists in the development of science in India and make a report or write about the same and also mention the values you learn from their life and would like to incorporate in your personality.

5. Fun and learning activity

Select any five brands each of aerated soft - drink and fruit -juices.

Find out the nutrient content, price, advantage, and disadvantage of each one of them.

Conclude with reasons, what kind of beverage should be used.

Present the information in a folder with illustrations, pictures, photographs

BIOLOGY

1. Subject enrichment activity -

To show the process of osmosis by using raisins .Write procedure and observations with diagrams on A4 sheets.

2. Make a 3d model any of the following topic-

Plant cell,animal cell, neuron ,amoeba, nucleus, chloroplast , mitochondria,plasma membrane ,Golgi body

3. Lab Manual - Exp.-2(A) IDENTIFICATION OF PARENCHYMA FLOWING AND SCLERENCHYMA

Do the above practical in the lab manual.

PHYSICS

THE VERIFICATION OF THREE EQUATIONS OF MOTION

1. LAB MANUAL ACTIVITY 7.6 AND 7.11
2. REPRESENT THE FOLLOWING SITUATION ON GRAPH

A PERSON HAD A CAR WHOSE ODOMETER SHOWS THE READING OF 2500 KM AT THE STARTING AND 3400 KM AT THE END, THE TOTAL TIME TAKEN TO JOIN THE JOURNEY WAS 10 HOURS.

SUB: SOCIAL SCIENCE (087)

1. Prepare a project on any one of the following:

- a. Earthquake b. Sustainable Development c. Any natural disaster

Guidelines for the project

- Collect information from various newspapers, photographs, articles magazine, internet , accounts etc,
 - Collect information for immediate response of government agencies like police, hospitals etc.
 - Discuss the role of authorities, India agencies (CRY, WHO, UNO) in the rehabilitation process.
 - You have to prepare this project according to the PPT form.
2. Show your creative instincts through MODEL presentation: - . Traditional concepts with modern outlook.Some topics for Model presentational are given below:-
- Physical features of India,States with their capitals (working),Rivers of India,National parks and wildlife sanctuaries,EVM(working),village model,people as Resources (working).PDS system and Buffer stock in India.

SUB: INFORMATION TECHNOLOGY (402)

- 1) Make a collage on “Applications of computer “.
- 2) Make a PPT on nonverbal communication .Slides should be 7-8.