JUNE 2025

SUMMER VACATION HOLIDAY HOMEWORK

2025-2026

CLASS : - XI Science

DEAR PARENTS

Vacation is the time for the children to explore their myriad interest and indulge in various activities which would lead to their all-round development.

Summer Vacation is the most awaited time for both parents and kids. We have tried to keep the homework simple, informative, interesting and fun filled.

Here are a few tips for parents to act as a facilitator to help your child balance his/her eagerness in pursuing adventure, creativity and self-expression with development of responsibility.

- ·Make sure that you are spending quality time with your wards.
- ·Teach them the importance of moral value in their life.
- ·Motivate them to read good books.
- ·Encourage and help your child in shouldering responsibilities in household chores. It will aid them to be independent.
- ·Keeping in view the prevailing situation, indulge yourself in various indoor games with them.
- ·Encourage the child to wish 'Good Morning' and 'Good Night' to everybody.
- ·Encourage the child to speak simple sentences in English
- ·Talk respectfully with the child and encourage your child to do the same.
- ·Motivate the child to use polite words such as 'Please', 'Thank You', 'Sorry', 'May I'.
- ·Revise the work done in the classes.

<u>Please note:</u> Use resources (rough notebook) only which are available at home to complete all homework including project work. Prepare a systematic time table and follow it religiously from the very first day. Allow them to complete homework on their own under your guidance. Make these holidays memorable for the young learners by providing a nurtured and stimulated environment at home which is full of fun, excitement, and learning. Wish you all safe and healthy holiday ahead!

HOLIDAY Homework

Sr. No.	SUBJECTS	NAME OF SUBJECT TEACHER	PHONE NO.
1	ENGLISH	MS. RAMA	7007903761
2	PHYSICS	MR. JUBER ALAM	8077225694
3	CHEMISTRY	MR. AMAN MISHRA	9718767021
4	MATHS	MR. AMIT GAUR	7876780134
5	BIOLOGY	DR. JATIN MEHTA	9818998729
6	INFORMATICS PRACTICES	MR. ANIL KUMAR	8222911803
7	PHY. EDU.	MR. PANKAJ	8168121826
8	FINE ARTS	MR. RIYA RAJ	9341814286
9	MUSIC	MR. NAVDEEP	9876205809

NOTE : IF YOU HAVE ANY QUERY RELATED TO ANY SUBJECT, YOU CAN CONTACT WITH SUBJECT TEACHER.

SUBJECT WISE HOLIDAY HOMEWORK

Sr. No	Subject	Holiday Home Work
1	ENGLISH	**Section A – Reading Skills** 1. Comprehension Practice: Read any two unseen passages from any sample paper/book and attempt to answer the questions. (Attach the passage along with answers.) 2. Newspaper Reading (5 Days): Choose one editorial or feature article from a national English newspaper. Write a 5-sentence summary. Highlight 5 new words and give their meanings. **Section B – Writing Skills** 1. Write one formal letter to the editor on any social issue (e.g., noise pollution, exam stress). 2. Write one speech or article on any one of the following topics: The Role of Social Media in Student Life Importance of Time Management Artificial Intelligence: Boon or Bane? **Section C – Literature** 1. **Hornbill: Read and prepare summaries of the following:** The Portrait of a Lady We're Not Afraid to Die... 2. **Snapshots:** Read The Summer of the Beautiful White Horse and write a character sketch of John Byro
2	PHYSICS	1. Prepare the investigatory project from any topic of class 11th physics 4 marks will be awarded for the project in Mid-Term Examination 2025-2026. 2. Do revision of chapters 1 and 2 from NCERT and do the NCERT Exercise in Fair Notebook. 3. Do the practice time of chapters- 1and 2 of GDGIS coaching module. 4. Revise the concept of error , measurements by Vernier Caliper, Dimension of application , motion in 1-D.

3	**CHEMISTRY**	1. Solve practice time 1,2,3 of chapter 1 from GDGIS coaching module in separate notebook
		2. Solve topic wise warmer questions (page number 12 to page number 20) from chapter 1 of GDGIS coaching module in separate notebook.
		3. Create a chart describing Rutherford experiment including set up experimental procedure and drawbacks
		4. Prepare an investigatory project from any of the following topics of chemistry.
		  (a) Measurement of Acetic Acid in Vinegar.
		  (b) Calculating the Ph balance and change.
		  (c) Diffusion of solid in liquid.
		  (d) Green Chemistry–Bio Diesel and Bio–Petrol.

4	**MATHS**	1. Solve all Questions of NCERT Ch: Sets, Relations & Functions , Introduction to 3D Geometry, Statistics, Linear Inequalities. 2. Solve all the questions of GDGIS module Practice Time + All questions done in class of other exercise of Competitive Module Chapters: Sets, Relations & Functions, Introduction to 3D Geometry, Statistics, Linear Inequalities.

5	**BIOLOGY**	**Writing work:**
		1.(i) Do NCERT questions of Ch-1 (The Living World) & Ch-2 (Biological classification)
		  (ii) Attempt all practice questions of Ch -1 & 2 from foundation module
		2. **Prepare Herbarium of minimum 15 plants including the following plants**: Rose, Neem, Mango, Kari Patta, Peepal, Tulsi, Hibiscus, Ashok, Tomato and Chilli.
		  Dry them Properly and Paste on a Herbarium sheet along with the following information:
		  Name of Collector, Date of Collection, Place of Collection, Common Name, Scientific Name and family.
		Project Work:
		3. Find out the major pollutants of the Yamuna River along with their source and their effect on humans.

6	**IP**	Do the Given reading, revision & project file work according to the attached document.
7	**PHY.EDU.**	1. Make Practical file of any one of the following games (Football, Badminton, Cricket, Basketball). 2. Make a Practical file of Yoga-Asanas (Minimum 10 Asanas). 3. Learn and perform 7 standing yoga asanas. 4. Learn question answer of Ch-1,2.
8	**FINE ARTS**	1. Make one Landscape with humans on A3 Paper and colour it with water colour. 2. Make two still life in two different mediums.

9	MUSIC	1. Complete the practical file of Music (sample copy attached here for the same) https://drive.google.com/file/d/15r7qnplf5FmRd4-y76FwpYVgcK3gUxxq/view?usp=sharing

GD GOENKA INTERNATIONAL SCHOOL, ROHTAK
SUMMER HOLIDAYS HOMEWORK
CLASS – XI
SUBJECT: INFORMATICS PRACTICES

Sr. No.	Particulars	Details
1	Reading work	Read and understand Ch-1 to 5 from book.
2	Revision Work	Do the solved and unsolved exercise of Ch-1 to 5 from book and textbook.
3	Project File Work	**Important Instructions:** • Write all the given Python Programs on A4 size sheets - lining side. • Do not take printout of the given programs • The program statement must write with black gel pen and solution with blue gel pen. • 7 Marks will be awarded to each student for practical file in **MID TERM EXAMINATION 2025.** **Programs:** 1. WAP to accept two numbers and swap their values. 2. WAP to accept the radius of a circle and print Area and Circumference. 3. WAP to accept the l, b of a Rectangle and print Area and Perimeter. 4. WAP to accept the side of a square and print Area and Perimeter. 5. WAP to accept three numbers and print sum and average of numbers. 6. WAP to accept a number check whether it is even or odd. 7. WAP to accept a number and print its square and cube. 8. WAP to input three numbers and print greater of them. 9. WAP to input P, R, T and calculate simple interest 10. WAP to input a number and print day of week 11. WAP to input a character and check it is an alphabet, digit and symbol. 12. WAP to input two numbers and one operator and calculate result accordingly.

ENJOY

SUMMER

VACATION

"Summer is messy, Summer is fun, Trips to the beach, In the hot, hot Sun, Let's give summer, A big fat cheer! Summer is the best time of the year". Happy Summer