



**GANGA INTERNATIONAL SCHOOL
SAWDA**

SUMMER HOLIDAYS

Homework

CLASS IX



Dear Students,

Leisure has often been defined as a quality of experience or as free time. Free time is time spent away from business and work, Leisure as an experience usually emphasizes dimensions of perceived freedom and choice. 'Holiday' is but another name for 'Leisure'. Children choose to spend time in company of friends and family and in pursuit of leisurely activities of interest and hobbies. One month and more away from work will cause a setback that may become irreparable. Indeed, to avoid such a consequence a wonderful balance between free time spent with friends, family and the self and studies. This may seem as fun has been snatched away from holidays but when you can make learning fun is when life becomes interesting for knowledge attained from books when fused with knowledge gained from hobbies and frolic is impactful and hence everlasting.

With this aim in mind Holiday Homework has been set to inspire you to explore, engage, act and experience. It will, if done with positivity, enhance the holiday mood for these assignments have an inbuilt experiential quotient, hence is interesting. The life skill that you inadvertently learn through this exercise is balancing work and play and making life more enjoyable. All the best and happy Holidays!



ENGLISH

1 Make the PROJECT FILE of the following topics.

- A. POVERTY IN INDIA (ROLL NO. 1 TO 10)
- A. GLOBAL WARMING (ROLL NO. 11 TO 20)
- A. PRESERVATION OF WILDLIFE (ROLL NO. 21 TO 30)

2. Find the meaning of the following words and frame in sentence of each.

Day 1- Crinkly, Gee, Geared, Scornful and Pat.

Day 2-Jostle, Prestigious, Daunting, Conceal and Deteriorated.

Day 3- Orchestra, Lilt, Tingles, Shrill and Revive.

Day 4- Indispensable, Ancestors, Apprentice, Souvenirs and Coveted.

Day 5- Devout, Glinting, Poking fun, Frail and Winnow.

Day 6- Destruction, Crumble, Tyrant, Gaily clad and Hefty.

Day 7- Brutal, Trampled, Reiterated, Disconsolate and Turnstile.

3. Search 2-3 future based advanced technologies (refer ch- The Fun They Had) and write details on A4 size sheet.

4. Practise of speaking Tenses' syntax in 1 minute. (SKILL TEST) and send a video on whatsapp.

5. Share your vacation experience in your diary entry on A4 size sheet.

6. Find out details of any renowned author and poet and share it on A4 size sheet and prepare a video while telling about it. (You can opt the pattern of an Interview.)

7. Arrange some different news and creativity and create your own magazine or a small newspaper using scrap book or chart papers. (4-5 pages upto)

8. Create a one day Or a short part vlog of your daily life in english and record & post.

9. Create a story using given themes. (1000-1500) words.

10. Write (50) three forms of verb on a chart or A3 size sheet.

11. Prepare a model of Punctuation marks and it's uses.

12. Form or structure the Alphabets in 4-5 different font and style on A3 size sheet.

Note: Make sure to complete your work on time as you will get internal marks on the timely submission of your hhw. Submit your work in an Folder by writing your name, class, roll number on it.

Schedule for the submission is:

Roll no 1 to 10 - 2nd July

Roll no 11 to 21 - 3rd July

Other Roll no's- 4th July.

HINDI

1. गिल्लू कहानी में आपने पढ़ा कि पशु पक्षी हमारे पर्यावरण की शोभा बढ़ाते हैं, आप अपने पर्यावरण के सौंदर्य वृद्धि में क्या कार्य कर सकते हैं, उल्लिखित कार्य को A3 शीट साइज पर चित्र सहित लिखिए।
2. आपके विद्यालय में मातृ दिवस बड़े ही उमंग और हर्ष उल्लास के साथ मनाया गया, इस उत्सव की रिपोर्ट 150 शब्दों में लिखिए।
3. आप अपनी कक्षा के मॉनिटर बनना चाहते हैं, अपनी योग्यताओं का उल्लेख करते हुए एक स्व वृत्त विवरण तैयार कीजिए।
4. अपने हरिवंश राय बच्चन की अग्निपथ कविता का अध्ययन किया, इसी तरह की कोई अन्य प्रेरणार्थक कविता को रचित कीजिए और A3 सीट पर लिखिए।
5. लोकोक्ति और कहावतों के पीछे कोई ना कोई कहानी छिपी होती है, कोई एक ऐसी कहानी रचित करें जिसमें लोकोक्ति का अर्थ स्पष्ट हो जाए।
6. पितृ दिवस उत्सव की तैयारी को लेकर, दो मित्रों के संवाद वाचन लिखिए।
7. आपके क्षेत्र के लोग योग के महत्व को नहीं जानते। योग दिवस से पूर्व लोगों को सचेत करने के लिए आप क्या कर सकते हैं।
8. उचित प्रकार से विराम चिन्हों का प्रयोग ना हो तो हास्य की स्थिति बन जाती है, कोई ऐसी कहानी रचित करें जिसमें विराम चिन्हों के बिना हास्य भी स्थिति उत्पन्न हो गई हो, बाद में उसी कहानी में उचित विराम चिन्ह लगाकर सही कहानी रचित करें।
9. कहानी लेखन प्रतियोगिता में आप जो वीडियो देखेंगे, उसमें आपने क्या सीखा? उन विशेष तथ्यों को संक्षिप्त रूप से लिखिए।
10. आपके मित्र को हिंदी पढ़ना पसंद नहीं, आप अपने मित्र का हिंदी के प्रति रुझान उत्पन्न करने के लिए, कोई पांच तथ्य तर्क सहित अपने मित्र को समझाइए।
11. I am Kalam और chalk & Duster फिल्मों को देखिए और इन बिंदुओं को लिखिए, जिस से आप बहुत अधिक प्रभावित हुए।
12. अंडमान निकोबार का इतिहास हमारे भारतीय इतिहास के देशभक्ति आंदोलन से कैसे जुड़ा है, इस विषय एक नाटक रचित करें।

MATHEMATICS

1. Revise the syllabus covered in class.

2. Complete Maths lab activity no. 1,2,8,9 of your book.

3. Watch a documentary of any

mathematician & explore or review how it can be related to topics of maths. Link of few documentaries/movies is given below.

Mr Ramanujan:

<https://youtu.be/JhIw8ch4A9M>

4. Coordinate Geometry Art

a) Take a graph paper and draw two perpendicular lines to obtain four quadrants.

b) Draw any one design /object/creature of your choice using straight lines only to cover all quadrants.

c) Write the coordinates of each point of intersection of line segments.

d) Color the art work obtained.

Paste the graph paper on an A-4 size sheet.

5. Make a working model representing any one of the following: Alternate angles/Corresponding angles/Vertically opposite angles

6. Prepare a chart (A – 3 size) on application of mathematics in science.

7. Design a Board game or Toy out of Trash based on any of the Mathematical concepts. Theme has to be "Mathematics as fun learning"

8. Take some pictures of yourself doing Quadrilateral yoga poses. Then make a collage of your pictures on an A3/A4 size sheet.

Highlight the quadrilateral along with its name and properties.

9. SUSTAINABILITY COUNTS! ENERGY CHALLENGE

a) Examine your electricity bill of pre summer break.

b) List the various electrical appliances used in your home.

c) Find out the power consumption, duration for the device in use. Do estimate calculation of your bill as per power consumption.

d) Make an energy reduction plan and determine how far you could implement it.

e) Re-examine your electricity bill of post summer break with all calculations.

f) Paste both bills with calculations. Write your reduction plan and change in the bill

10. ART INTEGRATION

The Andaman and Nicobar Islands are home to about a dozen of endangered languages. The majority of the population speaks immigrant languages. Demonstrate different languages spoken in Andaman and Nicobar through a Pie Chart. The most common spoken language in Lakshadweep is Malayalam.

Search for other languages spoken here and exhibit it by a Pie chart.

Even Roll no's -5th July

Odd Roll no's -6th July

SCIENCE

HHW Submission Schedule:

Even Roll nos. - 5 July

Odd Roll nos. - 6 July

1. CHART MAKING

Make a chart on different types of tissues present in your locality.

2. RESEARCH WORK

Do research on the Diseases in India & how they're getting cured. Also include an online survey related to health & disease of your family, friends & neighborhood.

MODEL MAKING

3. Make a clay model of an Animal cell.

4. Make a working 3D Model on any science related topics which involves

PRACTICAL FILE

5. Write the following practicals in your practical notebook

Preparation of: a) a true solution of common salt, sugar and alum b) a suspension of soil, chalk powder and fine sand in water c) a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of transparency, filtration criterion, stability .

6. Write the following Practical in your Practical file:

1. Verification of the laws of reflection of sound.
2. Determination of the density of a solid (denser than water) by using a spring balance and a measuring cylinder.
3. Establishing the relation between the loss in weight of a solid when fully immersed in:
 - a) Tap water,
 - b) Strongly salty water with the weight of water displaced by it by taking at least two different solids.

7. TRY SOMETHING CREATIVE

a) Prepare an Educational video on the given topics or activity. Videos should be prepared in school uniforms with the identity card. (Select any one topic or activity.)

OR

b) Prepare a MS PowerPoint presentation on the given topics or activity. (Select any one topic or activity.)

OR

c) Prepare a Quiz with hidden answers on MS PowerPoint using multiple-choice questions from given chapters. (5 questions from each chapter.)

NAME OF THE CHAPTERS:

Matter in our surroundings.

Is matter around us pure?

Topics or Activities:- (Select any one)

- i) Particles of matter have spaces between them.
- ii) To show the different compressibility of solids, liquids, and gases.
- iii) Effect of temperature change on states of matter
- iv) Application of Evaporation in everyday life..

8. READING IS FUN

Read about at least five scientists and their contribution in chemistry.

9. PEER TEACHING

Take any one chapter of your Science book and make a small lecture series and send the video on WhatsApp (9821083446). Remember the videos can be of any length but make it short, crisp & to the point.

10. MIND MAPPING

Learn & practice the first two chapters of Physics & also make concept maps / mind maps of all the chapters of Physics.

SOCIAL SCIENCE

1. Collect information about Lok Sabha election of 2024. Make a list of constituencies of different states and name of the MP and their political party. Get information about the history of elections in India and money

spent on every general election. Do comparative study of money spent on different general elections. Make a project/ PPT on the lok sabha election of 2024 according to given topics.

2. On map of India Locate physiographic regions of India and the climatic zones of the world on a globe/map.
3. Use GeoGebra, Google earth to represent and justify the reasons for the differences in climatic conditions, local and standard time.
4. Make a PPT presentation on the inter-relationship between human beings and their physical environment and how that influences the livelihoods, culture, and the biodiversity of the region.
5. Get information about how to eradicate poverty among farmers and try to suggest innovative strategies to improve their lifestyle. Write an article on the above topic.
6. Make a project file on any three natural disasters. Write the causes and effects of the disasters. Illustrate rescue operations about any one of the recently occurred natural disasters in India. (For Roll No. 1 - 11) Make a project file on any three Man-made disasters. Identify any such event that affected your area / state in the recent past and write about the disasters, its causes, effects and the measures taken to aid the victims. (For Roll No. 12-22)
7. Make a Brochure as per the given instructions
 - Ø This is a Group Project with 4 students per group (1-4, 5-8, 9-12, 13-16 and so on....)
 - Ø All visuals should be creative (Collage, sketches, beautification etc) –

Complete copy paste of a single image is not allowed

Compiling of the final work will be done on working day in the first week of July after the summer holidays (Instructions regarding compiling will be given in class)

· The brochure will be made as per given table with reference to Andaman and Nicobar Islands and Lakshadweep Islands and also highlight the contrast with Delhi wherever relevant/ possible.

· The last page should present the group members names who have contributed towards making the brochure.

· Marks will be allotted for visual appeal, collaboration, relevance and timely submission by each subject teacher.

· Each group will get their brochures compiled and submit by the end of first week of July.

Subject	Topic
Geography	Physical features
Political Science	Political features
	Temples / Religious places
History	History of formation
Economics	Comparison of economy

Looking forward to some beautiful brochures from all the groups

8 On the political map of world, fill all the countries of Europe and paste on an A4 size sheet.

9. As you all know this is the season of Election and Manifesto plays an important role for all the political parties. Prepare a "Political Party Manifesto" on an A-4 size sheet.

10. Make a working model of “EVM”. Two students can make one model.
11. Make 5 cut-outs of any 5 Political party’s election symbols. It should be colourful.
12. Make a project on “Indian new Parliament”. Use A-4 size sheets .Paste beautiful pictures as well.

GIS SANDA

IT

1. CHART MAKING

Make a Chart for the Unit - Communication.

ENTREPRENEURIAL ACTIVITY

2. https://youtu.be/uOA5h_KdjO4?si=7hHS2PM6ZizsXtsk

Find a problem or any idea which you can solve and use to transform the world.

3. Make a prototype/product/service which can solve that particular problem or which you can make business with.

4. Create a youtube channel and make videos related to that product and publish it there or you can also put your videos of daily vlogs, cooking, painting, storytelling, singing or anything else that you like to do.

5. Watch these videos & make key notes from to start your business & become an Entrepreneur:

https://youtu.be/tZa_ZK7TIBA?si=AB5K1nl2k1zRb-PB

<https://youtu.be/hORtKM9FV2s?si=coT9TldJrvl57z8k>

https://youtu.be/NaqF88YhuSY?si=IwkA_OgcjuECEWN-

<https://youtu.be/5R2wsk9Y10w?si=vaJhKLWsMmMNGL9>

<https://youtu.be/Fu2WYMP1iEs?si=6WgXJqOHce3E80hJ>

https://youtu.be/IMZmk_kYGro?si=JUNkEB-D_29xeG14

https://youtu.be/LitEpnYMwqM?si=kzXBy9-YW_j8-ok8

<https://youtu.be/G1THsw9FoU0?si=l3BW2MxGXOBEabdY>

6. Create your company's logo, give it a name & make your website.

<https://youtu.be/XV1cOGaZUq0?si=3mgT48OCLdvUAESF>

7. Try to do some surveys, make a pitch of your product or service and start your Entrepreneurial journey.

8. PROJECT WORK

Make a Handwritten project file about your company or product.

9. NOTE MAKING

Prepare brief notes from the book for the given units:

a. Self Management Skills

a. Information & Communication Technology Skills

10. AUTOBIOGRAPHY

Write your autobiography till now about your life in a notebook.

NOTE:- Complete all four courses of UNESCO and bring the certificates on first day of joining after summer break.

GLS SANDA