



KIIT World School

I am a Promise, I am a Possibility



SUMMER HOLIDAYS' HOMEWORK

Hope your summer is filled with **reading, writing,**
and most of all...**fun!**

Class X





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*Never
STOP
Learning!*

Dear Parents,

In summer's golden embrace, behold the holidays' allure,
When sun-kissed days dance freely, hearts find joy secure.
From bustling cities to serene shores, a world ablaze with glee,
Summer holidays arrive, unlocking souls and setting spirits free.

Summer vacations are a great time for the children to take a break from school and explore new interests and activities. So, let's pursue some interests and engage them in meaningful activities that can help them grow and develop.

- Summer vacations offer an excellent opportunity to pursue hobbies and master vital life skills like cooking, cleaning, and gardening, which not only aid in personal growth but also instil self-confidence and a lifelong love of learning.
- Help your child to be an early bird. Waking up early has two benefits. First you can stay productive and secondly you can do more activities that are stimulating and fun.
- Teach your child not to waste food. Acquaint with the hard work put in by the mothers and farmers.
- Expand your child's horizons and make him/her learn a new language while enjoying the holidays.
- Give wings to your child's imagination by the joy of reading, by visiting local libraries or bookstores, engaging math lessons with cooking, grocery shopping, and discovering the fascinating world of numbers.
- As a society, we are more connected and yet also less connected than ever before. So, in order to abridge this gap, share the values and culture of the extended family system by sharing interesting talks and anecdotes related to the same.
- Spend time outdoors with your child as it is the perfect time to engage in outdoor activities.
- Make travel plans with children to unveil captivating cultures, rich history, and breath-taking landscapes, as museums, historical sites, and national parks become their gateway to knowledge and adventure.
- Embrace the summer break with joyous bonding through board games, movie nights, culinary adventures, and making your children lend a hand in the household, forging cherished connections that last a lifetime.
- Carve out family time at the end of the day. Share stories with your children and impart some valuable life lessons and morals.

Last but not least, laugh together and strengthen your bond.

The last day for submission of holidays' homework is June 27, 2023, from 8:00am to 1:00pm



Kindly note: You are requested to submit your Holidays homework on 27 June 2023 between 8:00 am -1:00 pm to your respective CTs in school.

Class X Session 2023 - 24

हिन्दी

गतिविधि -1. दिए गए चित्र को देखकर ए-3 आकार की शीट पर लघु कथा लिखिए -



गतिविधि-2. किसी हिंदी समाचार पत्र के संपादकीय पेज से पाँच अपठित गद्यांश तैयार कीजिए तथा उन पर आधारित कम से कम पाँच -पाँच प्रश्न तैयार करके उत्तर हिंदी पुस्तिका में लिखिए ।

गतिविधि-3. भारत का जी 20 अध्यक्षता का विषय - “वसुधैव कुटुम्बकम्” या “एक पृथ्वी एक कुटुंब एक भविष्य” विषय पर 100 शब्दों में अनुच्छेद हिंदी पुस्तिका में लिखिए।

गतिविधि -4. दो से तीन मिनट समय अवधि की एक (स्वरचित) हास्य कविता ए-3 आकार की शीट पर लिखिए और हास्य कविता प्रतियोगिता के लिए याद कीजिए ।

गतिविधि-5. अपनी पसंद अनुसार किसी भक्तिकालीन कवि का पोस्टर तैयार कीजिए तथा उनकी रचनाओं का उल्लेख ए-4 आकार की शीट पर कीजिए ।

गतिविधि-6. परियोजना कार्य : ‘अंडमान-निकोबार भारत का अनोखा द्वीप’ - अंडमान- निकोबार प्रदेश का खान -पान एवं वेशभूषा, प्राकृतिक सौन्दर्य, दर्शनीय स्थल, मौसम एवं जलवायु, प्रमुख त्यौहार एवं नृत्य आदि में से किन्हीं तीन विषयों पर सचित्र टिप्पणी कीजिए ।

English

“Nothing is more powerful for your future than being a gatherer of good ideas and information. That’s called doing your homework.”

-Jim Rohn

ART INTEGRATION: Holidays mean fun times and all of you must have planned to enjoy the holidays in

your own way.

Unit 7 'Glimpses of India' from your English textbook "First Flight" gives us a glimpse of Goa, Coorg, and Assam. You might have planned to go on a tour to different places in India but you were unable to visit all the places owing to the distance and time constraints. However, you need not worry because you can still go on virtual tours. Before going on a tour we need to have detailed information about the place we are going to visit. To begin, we visit Lakshadweep and Andaman & Nicobar Islands-the Wonderlands of Vibrant Culture. Prepare a colourful brochure for the Union Territories. You can take help from the following hints-

- History of Lakshadweep and Andaman & Nicobar Islands
- Culture and Tradition
- Local attraction-any 5
- Indigenous Tribes- Language, costume, cuisine, occupation, etc
- Festivals & Events

INSTRUCTIONS:

Prepare the brochure in the form of a booklet (8-10 pages, A-4 sheet-white or coloured), supporting it with attractive pictures, sketches, and good content. Include some interesting quotes as well.

<https://www.vistaprint.com/hub/quick-guide-make-brochure>

G 20- Conduct research on the themes, events, cultural heritage, food habits, etc of any one country participating in G-20 Summit 2023 and prepare a project on it.

The project can include the following things:

- Questionnaire (MCQ based)
- Travelogue
- Brochure
- Menu
- Itinerary
- Flash Cards related to famous tourist places.

Add colourful photos and data to make it more interesting. Include relevant information only.

Mathematics

Activity 1

Analyze data about Lakshadweep or Andaman and Nicobar Island based on any two categories from the given pdf. https://drive.google.com/drive/u/1/folders/1nm2r7x-mx3Dh3tbOAG_5_XRO4fIMo3rK and hence plot the data in the form of 3D bar graph, histogram and pie chart on an A3 sheet or chart paper. Tabulate a detailed analysis of the data taken by you. Also write the importance of Mathematics in analyzing and interpreting data.

Make it in a project form.

Page 1 Details of the data chosen

Page 2 Graphical representation of the data using any AI tool or excel along with 3D representation on an A3 sheet or chart paper.

Page 3 Detailed analysis of your understanding about the data chosen.

Page 4 Importance of Mathematics in analyzing and interpreting data.

Activity 2

Prepare a research based Mathematics project or exhibits based on any one of the given sub themes.

THEME	SUB-THEMES
<i>Technology and Toys</i>	<ol style="list-style-type: none"> 1. Advancement in information and communication technology 2. Eco-Friendly Materials 3. Health and Cleanliness 4. Transport and Innovation 5. Environmental Concerns 6. Historical Development with Current Innovation 7. Mathematics for Us

Important instructions:

- It has to be a unique project based on your own innovation and thinking. (Plagiarism is highly prohibited)
- The selected theme must have the involvement of Mathematics to it.
- It has to be well supported with an exhibit/Model or App based on your innovation.
- Detailed reports should be written with all the components.
- Example of report
https://drive.google.com/drive/folders/1E_LQZGFyn1-vq3wZQxabc8tmeUPfNvgDm?usp=sharing
- The entire report, procedure, outcome and learning should be recorded well in your portfolio folder.

Activity 3 :

Roll number 1-15

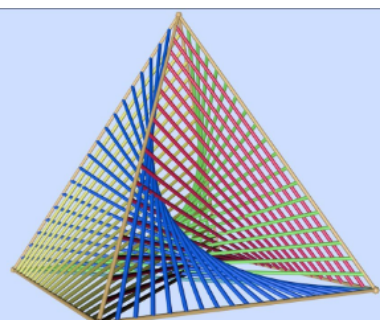
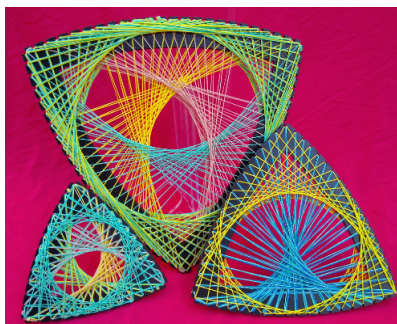
Art Integration Project on Lakshadweep or Andaman and Nicobar Island.

- Design a 3D Model of architecture of Lakshadweep or Andaman and Nicobar Island using waste material.
- Write about the Mathematical aspects involved in the architecture Also find the ratio of the original dimensions and the dimensions taken in the model. (Show the procedure on an A-3 Sheet).
- Make a beautiful art form of Lakshadweep and mention the mathematical dimensions involved.
- Link the mathematical concept to the real life usage of Andaman and Nicobar Island on the same A3 sheet used above.

Roll number 16 - 30

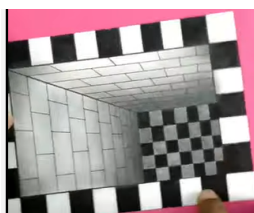
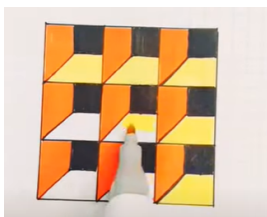
Prepare various mathematical shapes using string art and elaborate the mathematical concept involved in it on an A 4 Sheet.

Examples for reference: <https://www.youtube.com/watch?v=yhZJfaQB9k0>



Roll No 31 onwards: -Prepare some Mathematical illusions.

Example for reference :



Prepare a mathematical instrument 'clinometer' to measure the height of a distant object.

OR

Prepare a working model on Trigonometry

Example for reference : <https://www.youtube.com/watch?v=N5JJKh-xJjU>

Activity 4- Solve the given assignment :

https://docs.google.com/document/d/1hrX_WQSq3wvRZwpbK0DHq_AuthZjltDaHdv423vXehk/edit?usp=sharing

- Revise all the chapters done in class and solve all the assignments and PA-1 question paper in your math notebook.
- Complete all the Subject Enrichment, Multiple assessment, Portfolio and project based activities till may.

Science

"As it takes the G20 Presidency, India is on a mission to bring about a shared global future for all through the Amrit Kaal initiative with a focus on the LIFE movement which aims to promote environmentally-conscious practices and a sustainable way of living. With a clear plan and a development-oriented approach, India aims to promote a rules-based order, peace and just growth for all."

ACTIVITY -1

Science Toons are cartoons and illustrations based on scientific ideas and principles. UN-SDG 3 focuses on promoting good health and well-being of the citizens of a nation. A necessary factor in maintaining good health is the adequate knowledge of various biochemical processes that take place inside the human body. Prepare science toons on a full size-pastel sheet (chart paper) depicting any important life process (digestion/respiration/excretion/transportation). Add interesting quotes, humorous dialogues and informative facts.



ACTIVITY -2 PLAYING PAL-Design and play a game of snakes and ladders based on the reactivity of various metals and non-metals and their tendency to displace other metals from their salt solutions. Use eco friendly materials and recycled paper instead of plastic models to design snakes and ladders. NOTE- If a metal can displace others show it as a ladder and if it cannot displace then show it as a snake component. Write pairs of metals and ionic salts. Make 3D snakes and ladders and draw the basic outlet on a card board. Make sure it looks like an actual board game.



Art integration project: The Andaman and Nicobar Islands are often pictured as a lush, tropical tourist paradise. The government of India is all set to prepare these islands for mega development projects.

The Andaman and Nicobar Islands are at extreme risk of becoming uninhabitable because of rising sea levels.

Important aspect to be included- Use your knowledge of acids and bases to include the environmental concern of acid rains in the Andaman and Nicobar island. Mention the pH range of rainfalls received in the area and discuss the factors responsible for causing acid rain in these islands. Instructions: Prepare a research-project on the topic “Environmental concerns of Andaman and Nicobar Islands”

- Each student will prepare an individual project using A-3 sized coloured sheets and compile the sheets in the form of a project file.
- The project must include an Introduction, description of the current problem, the factors affecting the problems and the possible solutions.
- Use your creativity to make the projects aesthetically appealing, add 3D elements into the project and make sure the project is well-supported with illustrations, doodles and drawings wherever required.

Links for reference :

<https://scroll.in/article/991827/indian-government-wants-to-strip-even-the-andaman-islands-of-their-environmental-protection#:~:text=The%20Andaman%20and%20Nicobar%20Islands%20are%20at%20extreme%20risk%20of,Intergovernmental%20Panel%20on%20Climate%20Change.>

3-d model (The e-waste bin) - Japan is one of the 20 nation which is a part of the G20 summit. And one of the agendas of the G20 summit is to work on UN-sustainable development goals. Japan has quickly become one of the most wasteful nations in the world according to Basel Action Network's executive director Jim Puckett. As the country continues to progressively manufacture and consume more electronic goods, the e-waste generated from these goods grows as well.

What to do in the activity- One thing that we all love about Japan is their huge variety of animations. Pick your favourite anime character and prepare a ‘designer E-waste bin’ from discarded electronics, CDs, plastics and other used items by giving it the design of any anime character. Feel free to use your creativity and let your favourite anime character be the ambassador of a great cause.

Links for reference:

https://en.wikipedia.org/wiki/Electronic_waste_in_Japan#:~:text=E%2Dwaste%20processing,-Sources%20of%20E&text=Japan%20has%20quickly%20become%20one,these%20goods%20grows%20as%20well.

Social science

Project work enhances and helps improve a person's cognitive abilities and makes them sharper and more profound over time. Project work essentially accentuates a person's cognitive abilities and makes them better learners.

Keeping the above objective in mind, every student of Grade 10 has to compulsorily undertake project on the following topics:

ROLL NO. 1-15 : Consumer Awareness

ROLL NO. 16-30 : Social Issues

ROLL NO. 31 ONWARDS : Sustainable Development with SDGs

Kindly note :

- The projects and models prepared should be made from eco-friendly products without incurring too much expenditure.
- The Project Report should be handwritten.
- Use A4 size white interleaf sheets and maintain it in a creative folder. Page limit-15 to 20

sheets.

G20–People's G20

A key element will be taking the G20 closer to the public and making it truly a 'People's G20'.

One hundred monuments, including some UNESCO world heritage sites, were illuminated monuments.

Prepare a model on an illuminated monument using eco friendly material as per your roll no.

R.NO-1-5 AN MAHAL, VAIDYASHALA

R.NO-6-10 AJANTA CAVES

R.NO-11-15 EXCAVATED REMAINS AT SARNATH

R.NO-16-20 SAFDARJUNG TOMB

R.NO 21-25 HUMAYUN'S TOMB

R.NO 26-30 AGHA KHAN PALACE

R.NO 31-35 AGRA FORT

R.NO 36-40 KAILASHNATH TEMPLE

R.NO 41-45 GROUP OF TEMPLES, MARKANDA, CHAMURSI

Art Integration

Prepare a brochure on Andaman and Nicobar Island considering tourism in mind on A3 size sheet.

Computer Science

Theme : G20

Activity 1

Draw a poster in canva on "India host G20". Use pictures and a beautiful background.

Activity 2

Let's say you run an online business and need to advertise it. You need a webpage for that. Create a website for your company on the Google site to promote your business concept. Do paste all the evidence in your notebook of the above mentioned activities.

You can take help from this link :- <https://www.youtube.com/watch?v=NN6h7bTRMzw>

