

HOLIDAY HOMEWORK – ENGLISH - 2023-2024

CLASS X

1. A TRAVEL BROCHURE (To be written in English Classwork Notebook)

Do research on FAMOUS ARCHITECTURAL STRUCTURES (any 3 – 4 monasteries/temples) of Sikkim. Prepare a travel brochure describing them. You can use the following guidelines to make your brochure informative and attractive (with pictures).

- 1) Name of the temple/monastery
- 2) Location
- 3) How to get there
- 4) Architectural details
- 5) Historical background
- 6) Best time to visit

2. Movie Review: - (To be written in English Classwork Notebook)

3.

- a) Watch the movie “Inside Out”.
- b) Write the synopsis of the movie.
- c) Describe all the five emotions shown in the movie-joy, sadness, anger, disgust and fear.
 - Name of the character (emotion)
 - Physical appearance.
 - Role played by the character in the movie.
- d) Which is your favourite character and why?

4. PORTFOLIO:

PREPARE A PORTFOLIO WITH THE FOLLOWING –

(Prepare a file with A4 size sheets)

- Introduction
- My strengths
- I need to improve on...
- My achievements

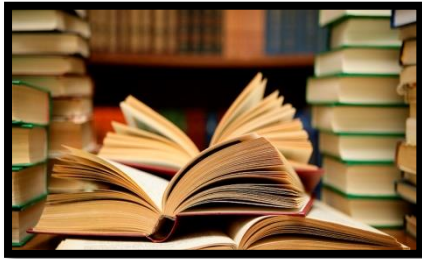
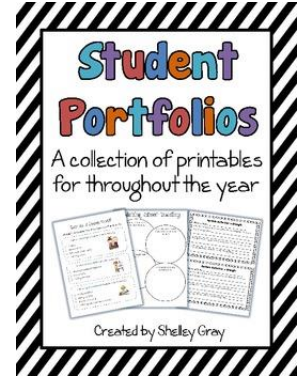
- I have participated in...
- The books I have read
- The book I wish to read

1. पोर्टफोलियो

दी गई सूचनाओं के आधार पर आकर्षक और सुंदर पोर्टफोलियो बनाएँ।

2. विद्यालय की वार्षिक पत्रिका

विद्यालय की पत्रिका के लिए स्वरचित लेख, कविता, स्व अनुभव, यात्रा वर्णन, यादगार क्षण आदि लिखकर जमा करें।



3. कहानी की समीक्षा

‘प्रेमचंद’की कोई एक कहानी पढ़कर उसकी समीक्षा कीजिए।

मुद्दे : कहानी का नाम, पात्र, संवाद, कथावस्तु, भाषा, विषय, प्रभाव

4. वाक्यों की तलाश

‘बड़े भाई साहब’ पाठ से 5-5 सरल, संयुक्त तथा मिश्र वाक्य

ढूँढकर लिखिए।

5. कथावाचक और हम


कथावाचक द्वारा खेले जाने वाले खेल और आपके द्वारा खेले जाने वाले खेल में अंतर स्पष्ट कीजिए।



HOLIDAY HOME WORK - MATHEMATICS - 2023-24

CLASS –X

1. ACTIVITY 1

TOPIC	INFORMATION	ACTIVITY
<p>VOLUME OF COMBINATION OF SOLIDS</p> 	<p>1. Visualize objects in a surrounding as a combination of different solids like cylinder and a cone, cylinder and a hemisphere, combination of different cubes etc. in order to find their surface areas and volumes</p> <p>2. Apply formulas of surface area of 3D solids in order to derive the area of a new solid</p> <p>3. Apply formulas of volume of 3D solids in order to derive the volume of a new solid</p> <p>3. Use concepts of surface areas and volumes for a variety of 3-D objects in order to apply into real life situations.</p>	<p>1. Make a 3-D model of combination of solid shapes.</p> <p>2. Take min. 2 or more than 2 solid shapes combine them. Measure their parameters.</p> <p>3. Find the volume of the same 3-D model.</p>

ACTIVITY 2:- SOLVE THE GIVEN WORKSHEETS IN YOUR CLASSWORK COPY.

HOLIDAY HOMEWORK - SCIENCE - 2023-24

CLASS-X

1. Make bioplastic in your kitchen using corn starch.

Write down the method, observations and conclusion.

Paste the bioplastic in your write up.

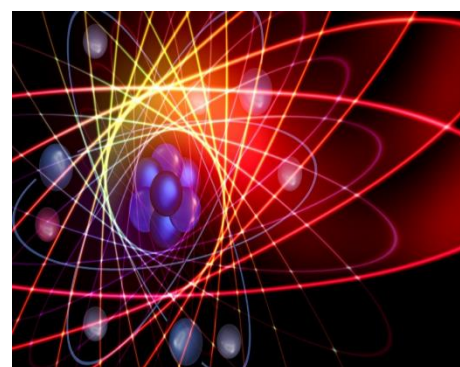


2. Extract DNA from banana using salt, detergent and sanitizer.

Write down the method, observations and conclusion.



3. Write a research project on standard model of particle physics
and how is this theory related to four fundamental forces of universe?



4. Complete the lab manual.
5. Revise the topics covered.

HOLIDAY HOMEWORK - SOCIAL SCIENCE 2023 - 24

CLASS X

1.Portfolio

Classwork, work done (activities / assignments) reflections, narrations, journals, etc.
Achievements of the student in the subject throughout the year
Participation of the student in different activities like heritage India quiz

2. PROJECT WORK _____ It is to be noted here by that the projects prepared should be made from eco-friendly products without incurring too much expenditure.

Every student has to compulsorily undertake *one project on*

Consumer Awareness

OR

Social Issues

OR

Sustainable Development

The project file should consist of the following:

1. Cover page (design it yourself)
2. Acknowledgement
3. Preface
4. Index
5. Introduction
6. Content
7. Pictures/ Collage/ paper cuttings
8. Case study and data report.
9. Conclusion-A summary report should be prepared highlighting.
10. Bibliography.

CONSUMER AWARENESS (Project File)

- Read chapter 5 of Economics - CONSUMER RIGHTS
- Students may visit Consumer Disputes Redressal Forum along with their parents / Google search and prepare a handwritten Report on the above mentioned topic.
- Consumer rights and Responsibilities.

Social Issues (Project File)

- Identify the various social issues faced by India in the 21st century and

find out how it impacts the socio-cultural aspects and economic development of the country.

- Examples-Corruption ,Gender inequality.

Sustainable Development (Project File)

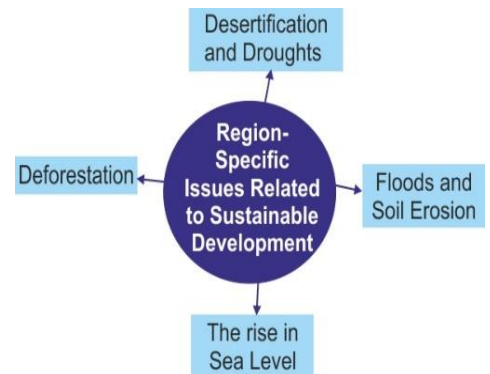
The most widely accepted definition of Sustainable

Development was given by the Brundtland Commission in its report Our Common Future (1987).

India's concern on Natural resources

(select any one of the topic)

. "A river just doesn't carry the water, it carries life." emphasized on its vital role in nature and our lives. ("Nadi ko Jano")



OR

Conservation of lands for ensuring sustainable ecological and economic benefits.

3. Visit any industry or cottage industry nearby your locality and write a report/gallery walk to Enlist the requirements of production and summarize the interdependence of these requirements.

- Utilizes the textual information (data given through various maps/graphs) to Enumerates the impact of manufacturing industries on the environment, and development strategies for sustainable development of the manufacturing sector.
- Uses Case Studies to infer the relation between availability of raw material and location of the Industry.

4. Revise the lessons which are taught in the class.

.....

1) एकं विषयम् अधिकृत्य मौलिकलेखं (article) लिखत।

यथा- देशः, माता, पिता, गुरुः, विद्या, पर्यावरणम्, योगः, समयस्य सदुपयोगः, शिक्षा, अनुशासनम् इत्यादयः।

2) निवेशसूचिका(पोर्टफोलियो)- निम्नलिखितं विषयं अधिकृत्य संस्कृत-निवेशसूचिकायाः निर्माणं कुरुत।- स्वमूल्याङ्कनम्- विद्यालयस्य नाम, स्वपरिचयः, स्व-उपलब्धयः, स्वक्षमताः, धेयं च।

3) संस्कृतभाषा में यदि फिल्म बनाई जाए तो उसकी कहानी क्या होना चाहिए। फिल्म की कहानी संस्कृत अथवा हिन्दी भाषा में लिखिए। कुछ अच्छे डायलॉग संस्कृत भाषा में लिखिए।

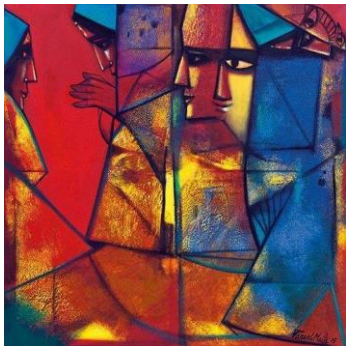
4) चित्रवर्णनम्- बसस्थानकम्/रेलस्थानकम्/विमानस्थानकम्/, उद्यानम्, ग्राम्यजीवनम्, मन्दिरम्..इ.। (प्रत्यक्षरूप से देखे गए दृशों का वर्णन 5-5 वाक्यों में कीजिए।)

HOLIDAY HOMEWORK - ART & CRAFT - 2023 - 24

CLASS : X



- 1) What is “Miniature painting”?
- 2) Collect information about any two famous Miniature painting and stick pictures and write about them in your drawing copy.
- 3) Draw a Miniature painting by using your imagination.
- 4) Make an Invitation card for The Annual Day 2023 (Size 6 X 9 Inch)
- 5) Make a Pen Stand using your creative ideas (Best out of waste)



Above images is only for reference. Don't copy it.

HOLIDAY HOMEWORK - MUSIC - 2023 -24
Class X

- ☐ Write a few lines on, 'Importance of Taanpura in Indian Classical Music'.
- ☐ Draw a Tanpura
- ☐ Prepare a Biography of Ustad Bismillah Khan.
- ☐ Make a list of the 15 Swar Alankars.
- ☐ Learn the AWES Song

(The Home Work has to be done in a note copy separately prepared for Music subject)

HOLIDAY HOMEWORK – LIFE SKILLS - 2023-2024

CLASS - X

1. Situation- You have made a commitment to spend the weekend, working on a major school assignment that was due for submission on Monday. Then, a group of friends invite you for an outing with them, to celebrate a classmate's birthday. You would love to go, but you cannot do both. What would you do?

2. **Here is a list of animals and the inventions they exemplify. Match the animal with the invention.**

1. bat	parachute
2. armadillo	snowshoes
3. chameleon	anesthetic
4. fish	helicopter
5. flying squirrel	suction cup
6. squid	hypodermic
7. hummingbird	radar
8. scorpion	camouflage
9. snake	electricity
10. abalone	tank
11. caribou	jet propulsion

Answer the following:

1. Has anything around you ever given you an idea to invent/design/create something? If yes, explain.

2. Name one animal or bird that inspires you to invent something of human utility.

3. How has nature helped Newton in his discovery?

3. Make a checklist of coping with stress in day-to-day life. Use colour pictures to represent the checklist.

4. Write down your short-term goals and long-term goals for academic sessions and life. What steps will you take to achieve those goals?

HOLIDAY HOMEWORK – INTRODUCTION TO FINANCIAL MARKETS

CLASS X - 2023-2024

A roadmap to your Financial Security through Saving and investing, make a report which highlights the following points.

- What are the things you want to save and invest for?
- Financial analysis and technical analysis of investment plan
- Risk and returns of investment
- Best 5 investment options with higher returns
- How should I monitor my investment



- Decision on future reinvestments

Make a separate file folder with transparent sheets inside it.

HOLIDAY HOMEWORK - ARTIFICIAL INTELLIGENCE – 2023-24

CLASS – X

- Make a video/movie for Effective Communication
- Using AI TOOL RUNWAY OR KAIBER

Key Topics

- Principles of Effective Communication
- 7C's of Effective Communication
- Barriers in Communication and how to overcome it.



Terms and Conditions

- Students should use their own voice for voice over. Voice over can be done in English or Hindi.
- Maximum duration of video 5 min
- File saving format Student name _class & section
- Upload your project/game file to Google Drive , One Drive or any other cloud storage and share the link in below given Google form.

[https://docs.google.com/forms/d/e/1FAIpQLSco3vF9S-](https://docs.google.com/forms/d/e/1FAIpQLSco3vF9S-GZg0j906pSDcPsnYfHAIWe-dC2KUI9LWZ1UGBZ1w/viewform?usp=sf_link)

[GZg0j906pSDcPsnYfHAIWe-dC2KUI9LWZ1UGBZ1w/viewform?usp=sf_link](https://docs.google.com/forms/d/e/1FAIpQLSco3vF9S-GZg0j906pSDcPsnYfHAIWe-dC2KUI9LWZ1UGBZ1w/viewform?usp=sf_link)

OR

- Create a Power Point Presentation (PPT) for Stress Management Techniques.
- Using AI TOOL (TOME.APP)
 - Students will do YOGA or any other relaxing exercise on daily basis.
 - Shoot a small video and insert it in PPT.

Terms and Conditions

- File saving format Student name _class & section
- Upload your project/game file to Google Drive , OneDrive or any other cloud storage and share the link in below given Google form.

• [https://docs.google.com/forms/d/e/1FAIpQLSco3vF9S-](https://docs.google.com/forms/d/e/1FAIpQLSco3vF9S-GZg0j906pSDcPsnYfHAIWe-dC2KUI9LWZ1UGBZ1w/viewform?usp=sf_link)

[GZg0j906pSDcPsnYfHAIWe-dC2KUI9LWZ1UGBZ1w/viewform?usp=sf_link](https://docs.google.com/forms/d/e/1FAIpQLSco3vF9S-GZg0j906pSDcPsnYfHAIWe-dC2KUI9LWZ1UGBZ1w/viewform?usp=sf_link)

HOLIDAY HOMEWORK - MARKETING AND SALES – 2023-24

CLASS – X

ASSIGNMENT

#1

TOPIC - SALES PITCH

- Create a sales pitch for a product of your choice. Write a script, record a video, or perform it live in front of your classmates. Get feedback from your classmates and work on improving your pitch.

ASSIGNMENT

#2

TOPIC - MARKET RESEARCH

Conduct a small market research study in your locality. Choose a product or service and gather data on its demand, pricing, and competition. Analyze the data and create a report on your findings.



HOLIDAY HOMEWORK - PHYSICAL EDUCATION - 2023 - 24

CLASS - X

Questions: -

1. Write down the effects of physical activities on your muscular, circulatory and respiratory system?
2. What do you mean by Body Mass Index (BMI)? Calculate BMI of 10 people.
3. What are the effects of yoga on human body?
4. Ask someone to click your photos while doing Surya namaskar and stick those photos in your notebook and mention the name of each asana and the mantra related to that asana.

5. ASSIGNMENT

1. Click photos of you doing On-body workout and stick it in your notebook and write down the benefits of each workout. (At least 10 exercises)
2. Make an optimum dietary plan for a person of your age? (In written form)