

ENGLISH HOLIDAY HOMEWORK

2022-2023

CLASS X

1. PORTFOLIO :

PREPARE A PORTFOLIO WITH THE FOLLOWING -

- 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

2. Include your Letter to The Prime Minister about your desire to support, "The Need to Conserve Soil" campaign launched by Isha Foundation (in the portfolio)

3. DICTIONARY

Find 3 new words every day for 15 days , write these words with their meanings on ruled A4 sheets.

4. A TRAVEL BROCHURE

You have visited a number of places in India. Prepare a travel brochure on any one of the cities you liked the most. You can use the following guidelines to write information with pictures. Include the following details

- 1) Location
- 2) Map
- 3) Historical background
- 4) Climate
- 5) Best time to visit
- 6) Fairs and Festivals
- 7) Food
- 8) Local Activities/Festival

*** Make a separate folder for the third and fourth activities.**

ग्रीष्मावकाश गृहकार्य 2022-23

कक्षा – दसवीं विषय – हिंदी

1. हिंदी पोर्टफोलियो –

कक्षा में दी गई सूचनाओं के अनुसार हिंदी पोर्टफोलियो बनाएँ।
पोर्टफोलियो के मुद्दे –

- विद्यालय का नाम व लोगो
- विद्यार्थी व परिवार का परिचय
- मेरी रुचि –
- मेरा लक्ष्य –
- मेरी क्षमताएँ –
- मेरी उपलब्धियाँ –
- मेरे द्वारा पढ़ी गई पुस्तकें-



2. मिट्टी की आत्मकथा लिखिए। (Soil conservation movement)

मुद्दे – मिट्टी के प्रकार, अलग-अलग मिट्टी की उपज, अलग-अलग मिट्टी के राज्य, मौसम का मिट्टी पर प्रभाव, मिट्टी संरक्षण के उपाय

*आत्मकथा में चित्र, नक्शा आदि चिपकाकर उसे आकर्षक बनाइए।



3. डायरी लेखन – छुट्टियों के दिनों के सुखदाई / रोमांचक /

आश्चर्यजनक / खट्टी- मीठी यादों से जुड़े पाँच दिनों का डायरी लेखन कीजिए।

4. आओ जानें अपने गाँव / शहर को -

अपने गाँव / शहर का संपूर्ण सर्वेक्षण करते हुए जानकारी को परियोजना कार्य के रूप में प्रस्तुत कीजिए।

मुद्दे-

- गाँव / शहर का नाम
- इतिहास
- आबादी
- प्रमुख स्थल
- स्वास्थ्य संबंधित सुविधाएँ
- मनोरंजन संबंधी सुविधाएँ जैसे बाग-बगीचे, सिनेमाघर
- शिक्षा संबंधी सुविधाएँ



- प्रमुख व्यवसाय
- भाषा
- वेशभूषा
- प्रमुख त्योहार
- लोगों का आपसी व्यवहार

MATHEMATICS HOLIDAY HOMEWORK

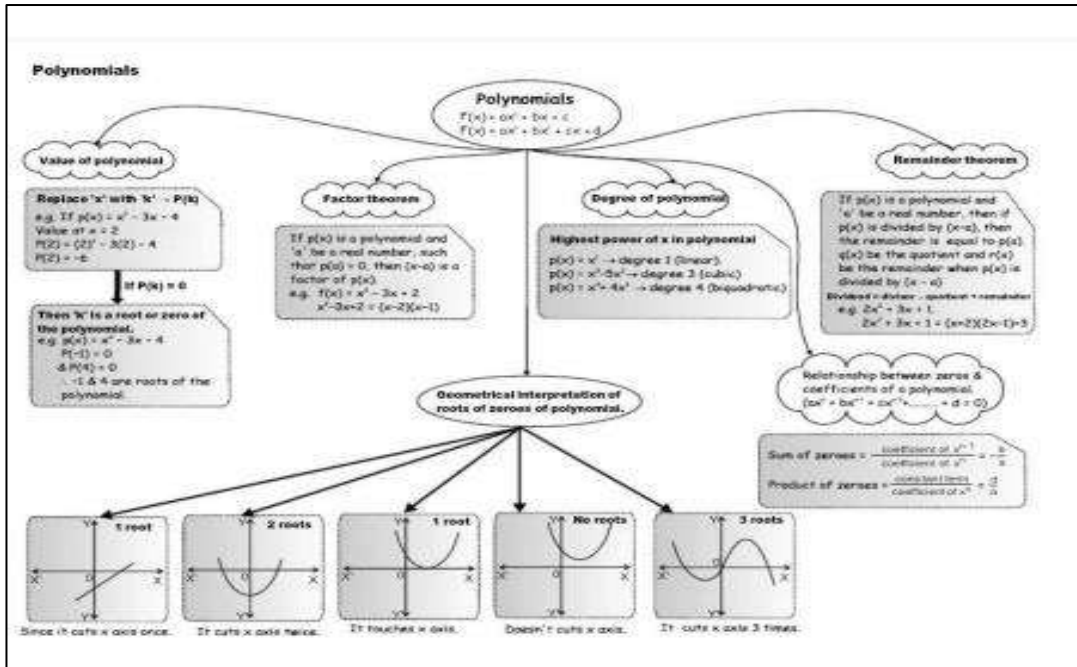
2022-2023

CLASS X

I) A mind map is a diagram used to visually organise information in a hierarchy, showing relationship among the pieces of the whole. Prepare a mind map of following chapters in your class work notebook.

Chapter 1. Real Numbers

Chapter 2. Polynomials.

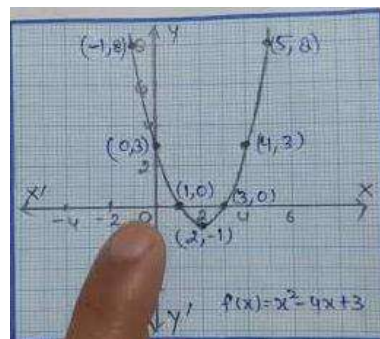
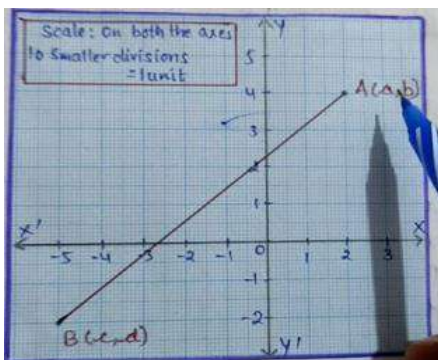


II) Maths Activity

a) Find the zeroes of the given polynomial graphically.


i) $p(x) = 4x + 7$

ii) $p(x) = x^2 - 4x - 12$



III) CREATIVE SECTION -

Model making - Similarity around Us

TOPICS	INFORMATION TO BE GATHERED	ACTIVITY TO BE DONE
	<p>Observe the structures and plans of the buildings around you. <i>Observe the similarity in the shapes of each part of the buildings.</i></p> <p>Ex- Own House, Society, School, Shopping complex, etc.</p>	<p>Prepare <i>two similar models</i> of a structure you selected or want to <i>create new using different 3D shapes</i>. The ratio between two models can be <i>1:2 or you can magnify it larger</i>. Use innovative ideas.</p>

Materials for making model - paper pulp, waste material, clay, etc. The models should be comparatively bigger.

HOLIDAY HOMEWORK: SCIENCE

2022-23

CLASS X



- *Make your own acid/base indicator using turmeric/red cabbage/hibiscus flower and test commonly available items at home like toothpaste, shampoo, milk, water, lemon juice, baking soda, soap water etc. Record your observations and classify them as acidic or basic.*
 - *Grow one plant through vegetative reproduction and one through sexual reproduction. Take a picture of yours taking care of those plants.*
 - *Practise diagrams*
 - *AIP: Gather information about architecture about temples of Odisha*
- Maintain the lab notebook*



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We cannot imagine our life without electricity. To fulfil the demands of increasing population we have to look for various other sources. Plan out, how the body's mechanical energy (during workout and gymming) can be stored and converted into electricity.

SOCIAL SCIENCE HOLIDAY HOMEWORK

2022-2023

CLASS X

PROJECT WORK

DO **ANY ONE** OF THE FOLLOWING :

1.TOPIC : CONSUMER AWARENESS

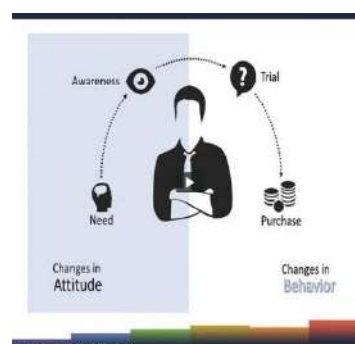
Watch a short film Udaan on (Initiatives of ministry of consumer affairs, food and public distribution) using the following link

https://www.youtube.com/watch?v=703DSS_i50Y.

Students may visit consumer courts along with their parents / Google search and prepare a handwritten/digital Research Report on the above mentioned topic.

Report file should consist of 15-20 pages with data collection, pictorial graph, survey conducted, illustrations, case studies and information along with posters, banners, videos, collage for spreading awareness.

Learning outcome: learner becomes aware of the information about products, goods, services and consumer rights.



2. TOPIC: SUSTAINABLE DEVELOPMENT

With all the environmental problems that our mother earth faces today it's important to inform , educate and highlight these issues to our children, who can find solutions by which world can restore its biodiversity and achieve sustainable development goals .

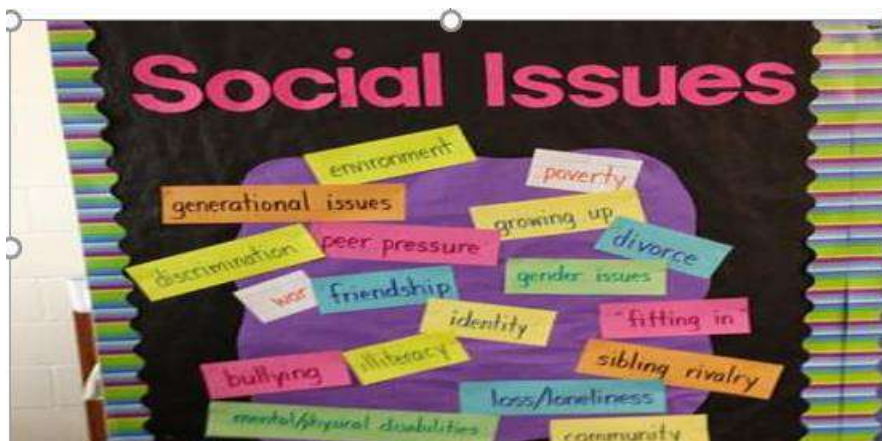
Activities: 1. Watch the movie minimalism /kiss ground /our planet in your leisure time to understand the importance of the topic in present times .

2. Prepare a working model using waste materials available at home.



Learning Outcome: student will learn the fundamental values such as respecting all the forms of life, conserve earths vitality and diversity, freedom, equality, solidarity, tolerance, respect for nature and shared responsibility.

3. TOPIC: SOCIAL ISSUES



Identify the various social issues faced by India in the 21st century and find out how it impacts the social ,cultural aspects and economic development of the country .

The project file should consist of the following:

- **Cover page (design it yourself)**
- **Acknowledgement**
- **Preface**
- **Index**
- **Introduction**
- **Causes of social issue**

- Major social issues in India
- Case study
- Conclusion
- Bibliography
- Photo gallery
- Topic synopsis

Learning outcome: with project-based learning students learn project management skills, become explorers, problem solvers, more engaged in the learning process, think divergently. grow empathic and become responsible.

4. **COMPULSORY** ACTIVITY FOR ALL.

The students will prepare a pocket dictionary of New Words in alphabetic order using old note copies , colour papers etc from chapter 1 of History, Geography, Economics and Democratic Politics.



Learning outcome: focus on practical terms and words , improve their vocabulary and remember the new words .

INFORMATION TECHNOLOGY HOLIDAY HOMEWORK

2022-2023

CLASS X

- Create a game with the help of any game development app or software (Eg : Microsoft Makecode, Gamesalad, Unity etc)
 - ✚ Recording of the project /game (Maximum 5 min Duration)
 - ✚ Brief description of the project/game. Voice over can be done in English or Hindi.
 - ✚ 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://forms.gle/8cqc3XZ6A2ya6sxi7>

OR

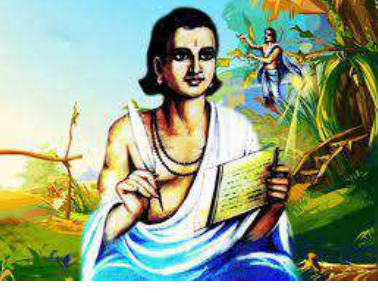
- Make a video/movie for Effective Communication
 - Key Topics
 - ✚ Principles of Effective Communication
 - ✚ 7C's of Effective Communication
 - ✚ Barriers in Communication and how to overcome it.
 - ✚ **Instructions :**
 - ✚ Students should use their own voice for voice over. Voice over can be done 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 , OneDrive or any other cloud storage and share the link in below given Google form.
- <https://forms.gle/8cqc3XZ6A2ya6sxi7>

OR

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

Instructions :

- ✚ 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://forms.gle/8cqc3XZ6A2ya6sxi7>



ग्रीष्मावकाश-गृहकार्यम्

कक्षा- दशमी

विषय: - संस्कृतम्

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) भीतिपत्रकनिर्माणम् (चार्टनिर्माणम्)- i) पाठ्यक्रमे निर्धारिताः सन्धयः, प्रत्ययाः

शब्दरूपाणि, धातुरूपाणि च ।

यथा-



सूचना- नई संकल्पनाओं के साथ चार्ट निर्माण करें।

4) अन्त्याक्षरी- संस्कृत-सुभाषितानां सङ्ग्रहः अन्त्याक्षरी रूपेण कृत्वा स्मरणं कुरुत।

(संस्कृत श्लोकों को अन्त्याक्षरी क्रम से संग्रह करके लिखिए तथा स्मरण कीजिए ।

यथा-

प्र - प्रियवाक्यप्रदानेन सर्वे तुष्यन्ति जन्तवः ।

तस्मात् प्रियं हि वक्तव्यं वचने का दरिद्रता ॥

त- तावत् भयात् हि भेतव्यं यावत् भयमनागतम् ।

आगतं तु भयं वीक्ष्य नरः कुर्यात् यथोचितम् ॥

त-

सूचना- यदि अन्तिम अक्षर 'म्' हो तो उसके पूर्व अक्षर से श्लोक प्रारंभ करें।

5) 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।

6) संस्कृत में उपलब्ध किस सूत्र को पाइथागोरस का प्रमेय नाम दिया गया है ? जानकारी प्राप्त कीजिए और कॉपी में लिखिए।

*****धन्यवाद:*****

PHYSICAL EDUCATION HOLIDAY HOMEWORK

2022-2023

CLASS X

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 your family including you.
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. Ask someone to click your photos while doing any 5 asana and stick those photos in your notebook and write down the steps and benefits of that asana.
2. What are the factors affecting dietary planning? Make a dietary plan for yourself as well as your family members with their respective names and age?

LIFE SKILL HOLIDAY HOMEWORK

2022-2023

CLASS X

1. What Challenges Me?

It's important to know what skills challenge us so we can begin to think about how to tackle them. Take a look at each skill and highlight the ones that challenge you most.

READING	TEAMWORK	SINGING
SELF-CONTROL	WRITING	GETTING ALONG WITH OTHERS
ART	LISTENING	FOLLOWING DIRECTIONS
SCIENCE	MATH	BEING ON TIME
MAKING FRIENDS	DANCING	SPORTS
PLAYING AN INSTRUMENT	SPEAKING IN FRONT OF A GROUP	FOCUSING
COMPUTER SKILLS	PROBLEM-SOLVING	ORGANIZATION

Choose one of the challenges you highlighted. How can you take steps to begin to tackle it?

2. Just Like the Movies

Just as we face challenges, the characters in movies, TV shows, and books face challenges that they have to overcome, too. Think about a character who inspired you by overcoming a challenge. Write about the problem the character faced, how the character overcame it, and why that character inspired you. Please kindly paste the picture of the character who has inspired you.

LIBRARY HOLIDAY HOMEWORK

2022-2023

CLASS X

**“READING IS PASSPORT TO
COUNTLESS ADVENTURES”**

READING ACTIVITY FOR SUMMER VACATION

SR NO	CLASS	ACTIVITY
1	X	DESIGN BOOK COVER AND MAKE BOOK MARK
2	X	WRITE ATLEAST TWO BOOK REVIEWS OF YOUR FAVORITE BOOKS.
3	X	READ THE BOOK IKIGAI (AUTHOR : HECTOR GARCIA)

To gain information on various topics visit the following websites

<http://www.jagranjosh.com/hindi-general-knowledge/>

<http://bharatdiscovery.org/>

<http://www.careersalah.com/quiz.htm>

<http://www.arvindguptatoys.com/>

For useful e - resources kindly visit our Schools Library

Website: <https://apskirkeelibrary.wordpress.com/e-resources/>

ART & CRAFT HOLIDAY HOMEWORK

CLASS : X

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



- 6) Design a magazine cover page -Theme – Online Education**