



SUMMER HOLIDAY HOMEWORK (2022-23)

CLASS – VIII

ENGLISH



1. Make a weekly timetable clearly defining the activities you would engage in each day from the time you wake up to the time you go to bed. Try to follow the timetable as far as possible during the vacations.
2. Read “The Three Questions” and write down all the Adjectives that you find in the story.
3. “The Three Questions” is a Parable. Read some more parables and write the summaries of at least two of them in about 200 words each.

LEARNING OUTCOMES

- Time management
- Enhancement of Grammar concepts, assimilation, cognizance and Writing Skills

SANSKRIT

1. विभिन्न खेलों से संबंधित दस नए शब्द लिखें व उनसे सम्बन्धित चित्र बनाएँ। उनमें से दो खेलों के प्रसिद्ध खिलाड़ियों के नाम लिखकर उनके बारे में संस्कृत में पाँच-पाँच वाक्य लिखें। ए-4 साइज पेज़ पर चित्रसहित आकर्षक पोस्टर बनाएँ।



शिक्षण अधिगम - अन्वेषण क्षमता, सतर्कता, खेल-प्रेम, सहयोग के द्वारा चरित्र निर्माण।

2. तुलसी, नीम आदि कुछ औषधीय वृक्ष हैं। ऐसे ही किसी एक वृक्ष के औषधीय गुणों के बारे में संस्कृत में सूची बनाइए तथा उससे मिश्रित उत्पादों के नाम लिखकर ए-4 साइज पेज़ पर चित्रसहित आकर्षक पोस्टर बनाएँ। (अगस्त मास में संपन्न होने वाली गतिविधि की तैयारी करें- ART INTEGRAED ACTIVITY)



शिक्षण अधिगम - स्वास्थ्य चेतना, प्रकृति के प्रति जागरूकता व आकर्षण, सृजनशीलता, अन्वेषण क्षमता।

3. प्रथम चक्रीय परीक्षा हेतु पठित पाठों का पुनराभ्यास करें।
4. श्लोक-गायन गतिविधि हेतु 15 श्लोक अर्थ सहित याद करें।

HINDI



- ❖ हस्तकलाओं का ज्ञान
 - ❖ आत्मविश्वास में वृद्धि
 - ❖ मनन-चिंतन का विकास
- 1- ग्रामीण व शहरी वातावरण में क्या अंतर है ? दोनों में से कौन-सा वातावरण आपको भाता है व क्यों ? अनुच्छेद रूप में व्याकरण कॉपी में लिखें ।
 - 2- विलुप्त होती हस्तकलाएँ (लघु उद्योग धंधे) – फाइल प्रस्तुतीकरण (छात्र उत्तर प्रदेश, मेघालय तथा अरुणाचल प्रदेश के लघु उद्योग धंधों पर विस्तार पूर्वक विवरण तथा उनकी समाप्ति के कारण एवं निवारण पर परियोजना कार्य Scrapbook में करेंगे।)
 - 3- अमृत संचय पुस्तक से जयशंकर प्रसाद की कहानियाँ (ममता, गूदड़ साँई, जहाँनारा) का पठन-पाठन कीजिए ।
 - 4- निम्नलिखित लिंक पर क्लिक करके साहित्याजंलि की तैयारी कीजिए ।

https://drive.google.com/file/d/1m9bP-3w6GizQ12X_klQpiEWyd2--xf12/view?usp=drivesdk

FRENCH



Décrivez quelques personnalités françaises et collez leur image dans votre cahier.
Describe 3-4 famous French personalities in French language (around 35 words for each personality) and also paste their picture.

Learning Outcomes: Students will learn more about French culture & civilization. They will also develop writing skills in the French language.

MATHS

FRACTAL SCAVENGER HUNT

Activity–1: Explore and discover fractal shapes in nature.

FRACTAL is a never-ending pattern. **Fractals** are infinitely complex patterns that are self-similar across different scales. They are created by repeating a **simple** process over and over in an ongoing feedback loop.

A great many patterns in nature are fractal, and just by stepping outside – even in an urban area – you can often find great examples of fractals.

Some examples of fractal in our surrounding:

Fractals in clouds:



Fractals in stone:



Fractals in Nature:



FRACTAL CUT OUT CARD

Activity–1: Prepare a Fractal cut out card using cardboard.

1. Students will make a 3-dimensional fractal cutout card by repeating a simple process of cutting and folding.
2. They can turn their cutout into a fractal popup greeting card, decorate it artistically, and share the lessons of fractals with others.
3. One fractal cut out card can be seen in the given video:
<https://youtu.be/4YDHsMUQbVg>

EXPONENTS AND POWER

Find out the distance of all planets from the sun. Then, find out their scientific notation and exponential forms.

EXEMPLAR PROBLEMS

Solve

Chapter 6: Square and square roots

Chapter 7: Cube and cube roots

Chapter 12: Exponents and power

Each from NCERT Exemplar Problems

Skills acquired/ learning outcomes

- Creativity
- Logical reasoning
- Presentation
- Numerical ability
- Calculation
- Understanding
- Problem-solving

SCIENCE

Q.1 Make PowerPoint presentations (minimum 5 slides) on each of the following topics by respective groups. Group members in each group divide the topic into subtopics and make individual slides and the group leader should compile into a single file, per topic.

GROUP I (1 to 15) CROP PRODUCTION

GROUP II (16 to 30) SYNTHETIC FIBER AND PLASTICS

GROUP III (31 to 48) LIGHT REFLECTION

Link to Share: <https://padlet.com/umeshverma/6yayhid7je3zizna>

Q2. WHEN I AM AN ARTIST and TINKERER OF SCIENCE!

- Design your own innovation using different fibers to make a design of science model or science personality or experiment and feel like a scientist.
- Choose any topic related to physics/chemistry/ biology/ interdisciplinary science and design an experiment using simple fabric material or fabrics using things around us to explain laws, principles, and phenomena around us.



IT and AI

ARTIFICIAL INTELLIGENCE

Introduction:

Artificial intelligence (AI) refers to computer systems (including both hardware and software) that are capable of doing things that normally require human intelligence. For example, recognizing images, videos, speech, and decision-making.

In artificial intelligence, computer systems try to partially mimic the functioning of the human brain, i.e., using inexact and incomplete knowledge to make predictions.

One of the greatest advantages of AI systems is that they have the capacity to enhance and improve their learning themselves, over a regular period of time.

Learning Objectives:

Students gain an awareness of where Artificial Intelligence is relevant in their lives.

Pre-requisites: Basic computer literacy Learning Outcomes:

Gain an awareness of where Artificial Intelligence is relevant in their own lives

Key-concepts: Smart Homes and Cities

Share your ideas about Smart Home and write them down in the box?

You can draw also.

Resources:

Link for Smart cities video: <https://www.youtube.com/watch?v=eRMiKt81nAE>

Link for Smart Home video: <https://www.youtube.com/watch?v=1CajaUoI3vU>

INFORMATION TECHNOLOGY

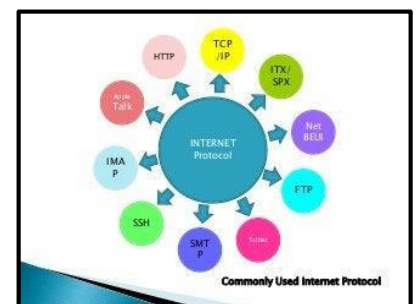
Internet Protocol is a set of rules that outlines characteristics of how two devices communicate over the network.

Prepare a video using any video editing software on Basic types of Internet Protocol.

Upload the video in your google drive and share the link in this form <https://forms.gle/RhUT6GSuwcPyiS6v7>

Learning outcome

Students learn about the set of rules for the internet and their application.



Social Science

21ST CENTURY'S ICONIC EVENTS - A TIMELINE



INTRODUCTION:

History is the study of the past, which helps us to understand our present and shape our future. The syllabus helps us to understand the process, through which a historian collects, chooses, scrutinizes and assembles different types of evidence to write history.

It takes students to a life beyond textbooks and provides them a platform to refer materials, gather information, analyze it further to obtain relevant information and decide what matter to keep and hence understand how history is constructed.

The topic "21st century's iconic events- A Timeline" is to be discussed in four aspects: Political, economic, social and cultural.

OBJECTIVES: Project work will help students:

- To develop skills to comprehend, analyse, interpret, evaluate historical evidence and also understand the limitations of the historical evidence.
- To learn to work on diverse cultures, races, religions and lifestyles and to inculcate a spirit of inquiry and research.
- To communicate data in the most appropriate form using a variety of techniques.
- To grow into caring, sensitive individuals capable of making informed, intelligent and independent choices.
- To develop a lasting interest in history discipline.

The project work can culminate in the form of PowerPoint Presentation/Charts/albums/ paper presentation and so on.

Students can use newspaper cuttings, photographs, film footage, recorded written/speeches etc

Some suggested links for reference:

<https://www.thegentlemansjournal.com/25-iconic-moments-that-define-the-21stcentury-thus-far/>

<https://www.timetoast.com/timelines/most-important-events-of-the-21st-century>

MIZORAM: MONOGRAPH BASED ACTIVITY:



ACTIVITY 1: ARCHITECTURAL ACTIVITY (ROLL NOS. 1-15)



Students can build some architectural house/building/ monument related to the state of Mizoram by using waste materials; for example, sticks, leaves, cardboard, newspapers, bottles, etc.

You all are required to use waste materials that are found in your surroundings and come up with a structure and explain what has been made and what are the materials used for building the structure.

ACTIVITY 2: CLASSROOM NEWSPAPER (ROLL NOS. 16-30)



As the editor of the Newspaper, students are encouraged to pitch their stories on historical events related to the state of Mizoram. Students can recreate an e- historical newspaper, reporting on important historical events. To make the experience even more exciting, take a printout of the newspaper and send it to your fellow classmates.

ACTIVITY 3: CLASS LIMERICK (ROLL NOS. 31-TILL THE END)

Limericks are a whimsical poetry form with a specific rhythm. Students are required to write the most amusing limerick after choosing a particular topic from the given module they would like to write about.

For help explaining limericks to students, here are some guidelines on [how to write a limerick](#).

<https://drive.google.com/drive/folders/1o5h14yCJZo0b27Y8FASh8xZmhbh3BbLr?usp=sharing>

NOTE: THE WEIGHTAGE OF HOLIDAY HOME WORK IS 20 MARKS IN TERM 1 ASSESSMENT.

SCHEDULE OF HOLIDAY HOMEWORK SUBMISSION

SUBJECT	DATE
FRENCH & HINDI	5 JULY 2022
ENGLISH & SANSKRIT	6 JULY 2022
MATHS & SCIENCE	7 JULY 2022
SOCIAL SCIENCE & IT AND AI	8 JULY 2022

STAY SAFE, STAY HEALTHY,

&

HAPPY LEARNING 😊 😊 😊