

BLM ACADEMY SR. SEC. SCHOOL
SESSION 2020-21



SUMMER HOLIDAY HOMEWORK
CLASS: X

Dear Parents

Summer holidays are about to start.

- It's time for fun n frolic for the children. While fun is essential for all ages of students, but it's vital to indulge in constructive activities & fruitful work as their time is of crucial importance. It paves the path towards a bright future as it boosts the progressive learning graph. Free playtime should alternate with structured games-this cultivates sportsmanship.
- Assign a permanent workplace and work time. It brings in a system and discipline into the child's life.
- Emphasis on good manners, healthy habits and respect for elders.
- Never compare or insult them as it undermines their confidence.

We are giving an integrated art assignment for the vacation this time. We have tried our level best to make the work enjoyable, keeping in mind the students' interest and enhancing creativity.

Wishing all of you a delightful and fun-packed summer break!

Best wishes

Mrs Gayatri Kanwar

Principal



HOLIDAY HOMEWORK ARE BASED ON ART INTEGRATED PROJECTS

Instructions: You have to do Holiday Homework in Scrapbook or in A4 sheets. Please note that these assignments will be evaluated for subject enrichment of Term 1. Every Assignment carries 10 marks.

THEME: PANDEMIC

ENGLISH





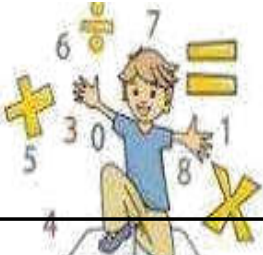

Frame a story based on the recent pandemic we have been hit with. The theme of the story should be- 'A villain who proved himself to be a real-life hero.'

Key points

- 1.Word limit-200-250 words.**
- 2.Imaginary characters.**
- 3.Survival.**
- 4.Mass rescue.**
- 5.Thinking out of the box for lending a helping hand to the people stuck.**
- 6.No show-off.**

Note-Also provide a suitable title and moral of the story.

HOLIDAY HOMEWORK: Class X
Summer Vacation, 2020-2021

SUBJECT :	MATHEMATICS
	
Work Specification : 	<ul style="list-style-type: none">❖ This file contain two parts –❖ PART A is based on practical use of data in daily life (application based)❖ PART B is based on a activity (related to pandemic).
Materials Required : 	Text book, internet, maps, newspaper and various magazines

Part A

Give any five applications of the following chapters in daily life.



1. CONSTRUCTION
2. LINEAR EQUATION
3. QUADRATIC EQUATION

(NOTE: - At least 5 applications should be there from each chapter. And explain any 2 with numerical.)
(3 theoretical application + 2 application with numerical)



designed by  freepik

Part B

Explain how **COORDINATE GEOMETRY** is used in this pandemic time of **COVID-19**.

Hint: Explain the working of GPS, Aarogya setu app etc...

Some Suggestions from teacher's desk:

Holiday is a time to explore the world beyond text books and mundane theories...there is a mathematician within you. Application of the concept so taught can be done in an enjoyable manner. Open your wings and explore the world unknown, unseen and undiscovered...all the best!



 Happy
Holidays


SCIENCE



Name of Topic: Vaccine a boon COVID-19 pandemic

Description

Activity-The Massachusetts-based biotech company Modern Inc. is developing an RNA-based vaccine, which is being called mRNA-1273. The company has already successfully completed phase 1 trials of its vaccine candidate.

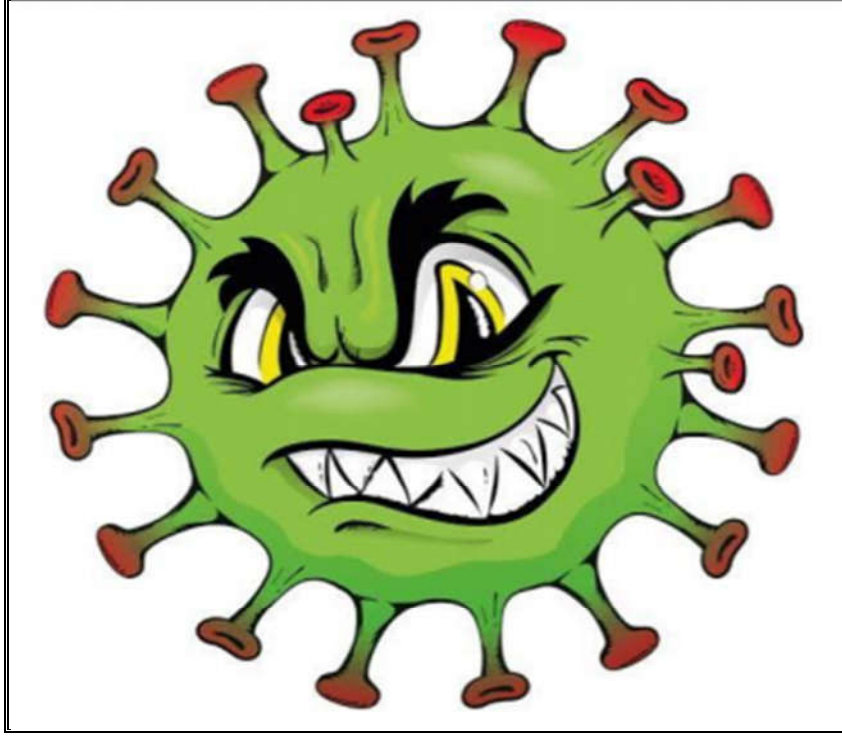
Complete the listed activity under following headings-

Step1- What is the objective/Aim.

Step 2- Represent one method by experiment or procedure (by drawing arts/sketch)

Step 3- Write the limitations and success of experimental observation.

HINDI



1- निम्नलिखित बिंदुओं को चित्रात्मक / कलात्मक रूप से अभिव्यक्त कर संग्रहपुस्तिका स्क्रेप बुक (Scrap book) में तैयार कीजिए.

विषय- सर्वव्यापी महामारी कोरोना.

विचार बिंदु-

- शुरुआती विस्फोटक प्रभाव.
- वैश्विक संत्रास.
- विश्वस्तर पर बचाव के उपाय.
- अपने स्तर पर बचाव के प्रयास.
- कोरोना से जंग में हमारी ढालें (कोरोना योद्धा).
- कोरोना के साथ बदलती जीवन शैली.
- स्वविचार व सुझाव.
- रोक थाम के उपाय.

SANSKRIT

1) अनुच्छेद लेखनम्--:

(क) 'प्रातः भ्रमणम् ' इति विषयम्

अधिकृत्य मञ्जूषापदसाहाय्येन
पञ्च संस्कृतवाक्यानि लिखत--

(मञ्जूषा)-----प्रातः कालः ,मन्दःपवन

शीतलः,मनोहराणि दृश्याणि, सर्वत्र, भ्रमन्ति, स्वास्थ्यप्रदः,
सर्वे वृद्धाः ,पुष्पाणि, बालकाः, पक्षिणः,उद्यानस्य ।



(ख)"स्वसंस्कृत--अध्यापकस्य विषये"

अधोलिखितायाः मञ्जूषायाः

उचितशब्दान् नीत्वा संस्कृते पञ्च
वाक्यानि रचयत---

(मञ्जूषा)---अध्यापयति, मित्रस्य,

शोभनम् ,अहम्, मम,तव,
तस्य, पाठनम्, समीपे, प्रसीदन्ति ,
संस्कृतम् ,वार्ताम् ।
(चित्रात्मक वर्णनं कुरु)

2) चित्र वर्णनम्--

(क) अधोलिखितम् मञ्जूषायाम्

प्रदत्तशब्दानां सहायता संस्कृते पञ्च वाक्यानि लिखत----

(मञ्जूषा)---उद्यानम् ,अवकाशः,

जनाः ,भ्रमणार्थम् ,
बालिकाः,बालकाः, भोजनम्, वृक्षाः, अधः, क्रीडन्ति, खादन्ति,
भ्रमन्ति,

सन्ति,कन्दुकेन, पादपाः, अस्ति, नद्याः, तटे, सर्वे ,प्रसन्नाः ।

INFORMATION TECHNOLOGY



Topic: Digital Documentation on Pandemics

A pandemic is a disease outbreak that spreads across countries or continents. It affects more people and takes more lives than an epidemic.

Follow the below steps to make document in MS Word:

Step1: Find the details of any two Pandemics from Internet which were/ are spread in last two decades all over the world.

Step2: Select the appropriate Data and Pictures of these Pandemics.

Step3: The document must contain following features.

1. Header
2. Footer
3. Relevant pictures
4. Wrap Text
5. Character formatting

Step 4: Save your work.

Have a wonderful and joyous summer holidays with your loved ones. Utilize this time wisely. Make best use of this holiday season. Stay healthy and enjoy!

Shantanu Bishnoi
(Administrative Officer Senior Wing)

