



## WINTER HOLIDAY HOMEWORK - 2022-23

### CLASS- VIII



### ENGLISH

1. Students have already registered for the Young Authors competition. Complete the story and upload it
2. Choose a book on which a movie has been made (either Hindi or English). Write a book review and a film review. Compare them and explain which one was better and why ?

(i). The Hindi movie 'Raazi' was based on the novel 'Calling Sehmat' by Harinder Singh Sikka. You can review the book and the movie and compare them.

(ii) 'Harry Potter' Novel and movie can be compared (reference: Chapter FROM STORYTELLING TO FILM MAKING)

### HINDI

<https://www.youtube.com/watch?v=eCeSDxINeNE>

- भारतीय संस्कृति को दर्शाती महाभारत का वीडियो देखकर वार्षिक परीक्षा हेतु तैयारी कीजिए ।
- पुस्तक समीक्षा हेतु कहानियों का पठन-पाठन कीजिए ।
- पाठ्यपुस्तक में दिए गए सूरदास के पदों के गायन का अभ्यास कीजिए तथा उसे कहानी रूप में चित्र सहित लिखिए ।



## SANSKRIT

- 1- 'पाठ-8 पुनर्मूषको भव- चित्र कथा (COMIC STRIP)' पर आधारित एक PPT/ FLIP BOOK बनाएँ तथा गूगल क्लासरूम पर अपलोड करें।
- 2- नवंबर तथा दिसंबर मासों की सभी कार्यपत्रिकाओं के उत्तर अपनी संचिका में लिखें।
- 3- पाठ 'विद्यायाः महत्त्वम्' के सभी संस्कृत श्लोकों का अर्थ सहित गायन करते हुए एक विडियो बनाएँ तथा गूगल क्लासरूम पर अपलोड करें।

### अधिगम परिणाम:-

- शब्द निर्माण प्रक्रिया का ज्ञान व शब्द भंडार में वृद्धि।
- संस्कृत लेखन कौशल का विकास।
- भाषा संबंधी व्याकरणिक ज्ञान।
- चिंतन कौशल का विकास।
- श्लोकों के माध्यम से भारतीय संस्कृति से अवगत होना।



## FRENCH

Prepare a PPT on the situation given below using Imperatives in French language:

'Exams are approaching, your parents are advising you to study.'

### L'IMPÉRATIF



## MATHEMATICS

Make a presentation explaining different aspects of **The Golden Ratio** assigned to you by making a video or PPT using either **ADOBE SPARK OR MICROSOFT SWAY** consisting of at least 8 slides.

- **Golden Ratio in real life** (Roll No 1-10)
- **Golden Ratio in nature** (Roll No 11-20)
- **Golden Ratio and Fibonacci series** (Roll No 21-30)
- **Golden Ratio in architecture** (Roll No 31-40)
- **Golden Ratio in humans** (Roll No 41-50)



## SOCIAL SCIENCE

# Indian Farmers Vs American Farmers: How Indian Farmers Different from American Farmers



Prepare a chart showing difference between **life style of farmers** in the developed countries and India on the basis of pictures collected from magazines, newspapers and internet along with a write-up, drawing out the comparison between them .

Also include the development of the **manufacturing sector in the rural areas with special focus on cottage and small scale industries**.

## SCIENCE

### TOPIC: CONSERVATION OF PLANTS AND ANIMALS



On Map of India mark 5 National Parks and 5 Wildlife Sanctuaries along with the name of picture of animal/plant they are known for. Paste the Map in your Science Note Book.

**The work will be assessed as Subject enrichment activity.**

## IT/ AI/CODING

A mobile app is a software application developed specifically for use on small, wireless computing devices, such as smartphones and tablets, rather than desktop or laptop computers. You use different apps like Swiggy, Hotstar, HDFC Mobile App for different purposes.



**Think of an app idea that you wish to develop related to any SDG. The app should focus on providing a solution to any particular problem in sync to the SDG that you have selected.**

The app can be of any type: Educational, Lifestyle, Entertainment or Game app. You can use any platform to build the app like Thunkable, MIT App Inventor or Plezmo. Share the demo video of your app alongwith App description in the form link shared in the Google Classroom.

Draw and colour the paper prototypes of the App Screen before making the final app.

### **Python Coding:**

Write a program to:

1. Calculate the average of five numbers entered by the user.
2. Display the grade according to the marks scored out of 100.  
Less than 33 = Fail  
34 – 59 = Pass  
60 – 74 = First Division  
75 and Above = Distinction
3. Calculate the percentage of the user after taking marks in five subjects.
4. Check if the number entered by the user is divisible by 12.
5. Take one number from the user. Display the square of the number if it is even else display the cube.
6. Take user's age as input and check his/her eligibility to vote.
7. Input three numbers from the user and display the biggest number.
8. Display all odd numbers between a and b, where a and b are numbers entered by the user.
9. Take first name and last name from the user and display a message with their full name. (Concatenate the strings)
10. Display all prime numbers between 1 and 100.



Write all these programs in Google colab and share the notebook link in the Google form provided in the Google classroom.

S NO.	SUBJECTS	DATE OF SUBMISSION
1.	Maths, IT/AI/ Coding and Hindi	11 Jan 2023
2.	Science , Sanskrit / French	12 Jan 2023
3.	English and Social Science	13 Jan 2023