



WINTER HOLIDAY HOMEWORK (2022-23)

CLASS VI

ENGLISH

- Read the chapter, L-15, The Ransom of the Red Chief and find out more about the works of O Henry. Read any story written by O Henry and prepare one slide summarising the story. You can also include information about your favourite character, setting and plot of the story.



- Read the play, L-14, The Fir Tree. Students have to make groups, choose any scene from the play and prepare an enactment of the scene. The enactment will be conducted in the month of January during the English classes.
- Students have already registered for Young Authors competition. Complete the story and upload it.

HINDI

भारतीय संस्कृति को दर्शाती महाभारत का वीडियो देखकर वार्षिक परीक्षा हेतु तैयारी कीजिए ।

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

पुस्तक समीक्षा हेतु शेष कहानियों का पठन-पाठन कीजिए ।

एक 'भारत श्रेष्ठ भारत' के अंतर्गत दी गई कला व विविध विषयों के साथ एकीकृत कलात्मक गतिविधि A-4 साइज शीट पर पूर्ण करें-

गतिविधि का नाम : प्राकृतिक संसाधन: हमारी धरोहर

सी. बी. एस. ई द्वारा जारी अधिसूचना के आधार पर पर्यावरण संरक्षण हेतु यू.पी. के साथ युग्मित राज्यों जैसे अरुणाचल अथवा मेघालय प्रदेश में बाँस द्वारा निर्मित उत्पादों के प्रयोग व प्रचार-प्रसार के लिए आकर्षक विज्ञापन पत्रावली (scroll) पर बनाएँ ।

MATHEMATICS

Explain with examples all the following special numbers by making a video or PPT using either

ADOBE SPARK OR MICROSOFT SWAY consisting of at least 8 slides.

Perfect Numbers (Roll No 1-10)

Twin Primes (Roll No 11-20)

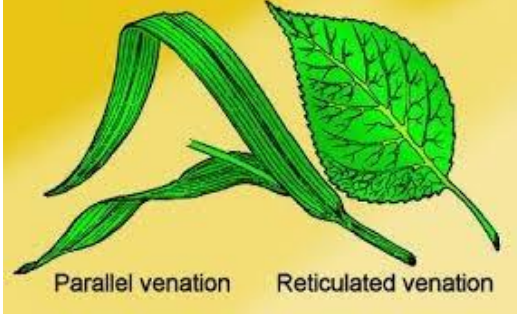
Co-primes (Roll No 21-30)

Square numbers (Roll No 31-40)

Cube numbers (Roll No. 41-50)

SCIENCE

DESIGNING A HERBARIUM



Can you tell what kind of roots a plant has without digging it up? Is it possible to tell this by looking at the venation?

Carefully observe a variety of leaf samples and make an herbarium by compiling pictures of these leaves in a folder.

Write the following information alongside the leaf:

- Common name of the plant.
- Type of venation seen in the leaf.
- Type of root the plant/tree may have.
- Any other interesting feature you notice in that leaf.



In plants like coleus, the green colour of leaves is masked by other pigments, do you think it is still able to photosynthesize? Explain and paste a few more non-green leaves in the Herbarium.

Is there any correlation between the cotyledons of seeds and types of venations on the leaves?

Explore the same and explain briefly.

SANSKRIT

1-विविध विषयों के साथ एकीकृत कला समन्वित गतिविधि-

मेघालय/अरुणाचलप्रदेश/ उत्तर प्रदेश के पशु-पक्षियों के 12 नाम सचित्र संस्कृत और हिन्दी में लिखकर उनसे संबन्धित एक-एक वाक्य संस्कृत में लिखते हुए एक आकर्षक टेबल कैलेंडर का निर्माण करें।

(शीतावकाश के पश्चात सभागार में प्रस्तुति हेतु कार्य आकर्षक व त्रुटि रहित हो।)

2- सचित्र अंगों के नाम संस्कृत में लिखें व उनका लिंग भी बताएँ। (पेस्टल शीट /चार्ट पेपर पर बनाएं।)

जैसे- चित्र नाम (संस्कृत में) लिंग

नेत्रे नपुंसकलिङ्गः

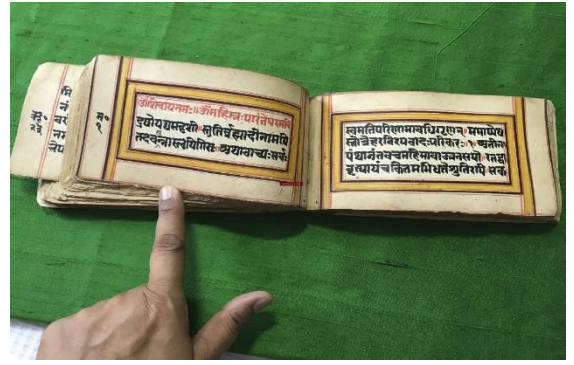
3- सभी छात्र संस्कृत का ई-पोर्टफोलियो पूर्ण करें जिसके अंतर्गत संस्कृत विषय की सभी कार्यपत्रिकाएँ, ई-प्रमाणपत्र (अंतर्विद्यालयीय, अंतर्सदनीय प्रमाण पत्र, अतिरिक्त प्रमाण पत्र, विशेष दिवस) तथा संस्कृत भाषा के प्रति अपने योगदान को दर्शाएँ।

4- निम्नलिखित शब्दरूप व धातुरूप याद करें ।

शब्दरूप- बालक, लता, फल, तद् (तीनों लिंगों में)

धातुरूप- पा, दृश्, कृ, अस, भू (लट् लकार में)

अधिगम परिणाम:-



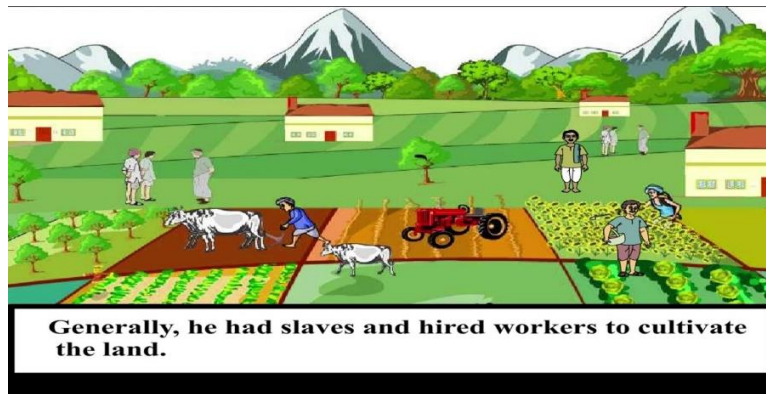
☐ शब्द निर्माण प्रक्रिया का ज्ञान व शब्द भंडार में वृद्धि।

☐ संस्कृत लेखन कौशल का विकास।

☐ भाषा संबंधी व्याकरणिक ज्ञान।

☐ श्लोकों के माध्यम से भारतीय संस्कृति से अवगत होना।

SOCIAL SCIENCE



Based on the above picture write a Diary entry in your notebook describing your visit to a village, the experience, and the difference that you see in comparison to a town.

1. Mention the name of the Village and where is it located.
2. Explain how Rural life is different from Urban life.
3. Draw a poster showcasing the memories that you take along with you and the development that you wish to see in your next visit.

FRENCH



Prepare a PPT or video of the terms used for clothing in French language.

INFORMATION TECHNOLOGY

Animate about Noida.

Design interactive animations for NOIDA, Gautam Buddha Nagar. Create animated doodles, avatars, cartoons, and banners which depict “CLEAN NOIDA, GREEN NOIDA”

Students are required to create an animated video/image/banner/gif using Adobe Animate or any such cloud-based software of animation. For your reference- you can try and explore RenderForest, Animaker etc.

Save and upload your project on Google Drive and share the viewable link of the same in the form link: <https://forms.gle/YTKpki93Aw1BScgy9>

ARTIFICIAL INTELLIGENCE



The potential upcoming technology is the EXTENDED REALITY and METAVERSE which is another subset of Artificial Intelligence. Students will explore about this technology and will discuss about this with their family and friends.

Click on following links to know more about the technology.

What is metaverse?

- <https://about.meta.com/what-is-the-metaverse/>
- <https://youtu.be/5TJ5ENxCUQs>

About extended reality.

- Classified into three categories AR, VR and Mixed Reality.
- <https://youtu.be/mhmYawxWfjE>

Activity: Students will make a chart which shows the difference between AR, VR and Mixed Reality.

CODING

A. Guess the output-

- | | |
|--|---|
| 1. A= 25
B= 5
C= A-B
A+= 5
B*= C
print(A)
print(B)
print(C) | 2. X= "CODING"
Y= "PYTHON"
Z= X + Y
print("I like", X)
print(Y, "is easy to use")
print(Z) |
|--|---|

B. Draw a Flowchart using Start-End symbols, input-output symbols, and decision box. (Use AND Operator in decision box)

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