

URSULINE CONVENT SR.SEC.SCHOOL, GR. NOIDA
HOMEWORK FOR SUMMER VACATION (2022-23)
Class X
Subject: English

I. Art Integrated Activity (GROUP)

1.



THANGKA PAINTINGS OF ARUNACHAL PRADESH

All the odd groups (1, 3 ...) will prepare a powerpoint presentation on the Thangka paintings of Arunachal Pradesh with proper explanation. The roles of the students are divided for your convenience. These can be changed according to the need and division of the group by the group leader. Make sure all the students participate in the activity and the work is submitted on time.

Student 1 & 2: Researchers

The students will search the internet for the data about the origin, evolution, process, stories attached to it etc.

Student 3: Art Director

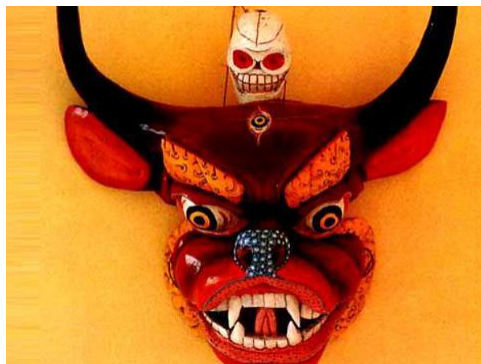
The student will arrange researched data, images, videos etc. into presentable format. He/she will compare the Thangka paintings with other type of painting like Gond, Pattachitra, Madhubani (any 1)

Student 4 and 5: Artist and writer:

The students will assist Art Director in writing, presentation, design, drawing etc.

The group will prepare a ppt and present it in the class at the end of the activity.

2.



MONPA MASK OF ARUNACHAL PRADESH

All the even groups (2, 4 ...) will prepare a powerpoint presentation on the Monpa Masks of Arunachal Pradesh with proper explanation. The roles of the students are divided for your convenience. These can be changed according to the need and division of the group by the group leader. Make sure all the students participate in the activity and the work is submitted on time.

Student 1 & 2: Researchers

The students will search the internet for the data about the origin, evolution, process, stories attached to it etc.

Student 3: Art Director

The student will arrange researched data, images, videos etc. into presentable format. He/she will compare the Monpa Masks with similar mask making technique and storytelling techniques of other states or countries (any 1)

Student 4 and 5: Artist and writer:

The students will assist Art Director in writing, presentation, design, drawing etc.

The group will prepare a ppt and present it in the class at the end of the activity.

II. PORTFOLIO

ACTIVITIES: a. FIRE AND

ICE:

Create a tag line / slogan / catchphrase for the poem.

OR

Collect war photographs depicting damage and destruction caused by wars. Use them to build a photo journal with annotations and commentary.

b. Nelson Mandela :Long Walk to Freedom

Prepare a project on the following topic: **'Nelson Mandela, the South African Gandhi'**

c. The Thief's story

Comic Strip:

Using your prior knowledge of the poem 'The Road Not Taken' draw a comic strip to illustrate Hari Singh's dilemma.

d. Tenses Through a story: Take a print out of the worksheet and complete the story.

NOTE: The worksheet will be sent on the whatsapp group.

Subject: Social Science

1. Make a project on Consumer Awareness Compulsory Project

2. Make all Geography maps of First Term .

3. Make a ppt on Nationalism in Europe.

Subject: MATHEMATICS

Art Integrated Activity

Evolution of Number System - Journey from Counting numbers to Real numbers.

Use your imagination & art skills to draw pictures to support your write up of this journey.

- Will this journey continue further after real number system? What do you think?
- Properties of Real number system (Support with explanation & examples).
- Create a Real number game/activity.
- Real life problems based on the Number System

INSTRUCTIONS

- This activity is to be done in only in groups.
- You are expected to prepare a PPT along with the file.
- The file should be well presented
- The file is to be submitted in a simple folder with the Name & Number of the group.
- Relate your topic with Arunachal Pradesh.

Lab Activity

Do the following lab activities in a practice copy by cutting and pasting. You can use the book - Arya publications for reference.

S.N.	TOPIC	ACTIVITY NO.
1.	Pair of Linear Equations in Two Variables	1
2.	Arithmetic Progression	2
3.	Sum of first n natural numbers	4

4.	Arithmetic Progression and its Sum	5
5.	Basic Proportionality Theorem	6
6.	Length of tangents drawn from an external point to a circle	10
7.	Area of a circle	13
8.	Comparison of surface areas of right circular cylinders	15
9.	Comparison of volumes of right circular cylinders	17
10.	Right circular cone	19
11.	Lateral surface area of a right circular cone	20

Subject: Science

PHYSICS

- Draw ray diagrams related to spherical mirrors.
- Demonstrate the process of dispersion of light through glass prism.

CHEMISTRY

- Perform any activity related to exothermic and endothermic reactions at your home, click the picture and paste in A4 sheet with procedure.
- Prepare your own indicator at home and test any 5 samples of acids and bases.

BIOLOGY

- Draw and write two activities that shows the importance of light and carbon dioxide in photosynthesis process.
- Make your own concept map for nutrition and respiration in living organism.

Subject: Computer

Practical on



Practical 1:

Write an article on 'Cybercrimes' in about 200 words.

- Give appropriate title, headings, and subheadings in the document.
- Apply different **styles** to the different parts of the document.
- Customize an existing style by changing its font properties.

- Add your salutation at the end of the document; format it as per your choice and create a **style**.

Practical 2:

**Create template of in invoice with a standard format and save it with the filename:
Yourname_InVoice**

Invoice template must include the following:

- Divide the invoice into three main parts - Header, Body, and Footer.
- The invoice header may contain:
 - Your business name, address, telephone, e-mail, and website
 - An invoice date
 - Your payment terms, for example, Cash on Delivery, Cash, 30 days, etc.
 - Client name and address
- The word 'Invoice' should be clearly mentioned at the top of the page.
- The invoice body may contain a description of the goods you are supplying, quantity, unit of measurement, and price per unit.
- The invoice footer may contain a total amount of all the individual items, payment instructions, and other comments, like delivery instructions, goods return policy, etc.
- Set the 'Invoice Template' as the default template.
- Create two invoices using the created template.
- Make the changes in the 'Invoice Template' and update the same changes in the created documents

Practical 3:

Open a document. Using the internet, type the relevant information based on any topic along with their pictures. Try different text wrapping options. Select the one that suits you the best and save the document with the relevant filename.

Practical 4:

Create a document of 2-3 pages on 'Historical Monuments in India'. Add graphics to the document using pictures. Also, use different shapes to make the document creative and interactive. Give appropriate headings to each paragraph and **generate TOC**.

Practical 5:

Create a document by inserting and using features like cropping, resizing etc. and create a collage.

विषय हिंदी

1. हिंदी कैलेंडर के अनुसार हिंदी महीनों के नाम लिखिए तथा उन महीनों में आने वाले प्रमुख तीज - त्योहारों का चित्र भी लगाइए।

- ◆ उपरोक्त कार्य आपको A4 शीट का प्रयोग करके बनाना है।
 - ◆ कार्य करते समय सफाई तथा रचनात्मकता का विशेष ध्यान रखें।
- उपरोक्त कार्य आपके पोर्टफोलियो फाइल में संलग्न किया जाएगा।

2. स्ववृत (बायोडाटा) लेखन चित्र सहित कीजिए।

- ◆ स्ववृत लेखन में आप अपना परिचय देते हुए अपने माता-पिता के बारे में बताएं, आप किस देश के निवासी हो, किस राज्य में रहते हो, आपकी पसंद ना पसंद खेलों में, सिनेमा में, घूमने की जगहों में, खाने की चीजों में, हॉबीज, आपका पसंदीदा विषय, आपका पसंदीदा लेखक या पुस्तक साथ ही आपको यह भी बताना है कि आपको कोई पुस्तक, लेखक, कलाकार या कोई विशेष सिनेमा क्यों पसंद है?

- ◆ इसके अतिरिक्त आप अपने विषय में जो भी बताना चाहें वह लिखने के लिए स्वतंत्र हैं।
 - ◆ परंतु लिखते समय आपका शब्द चयन और भाषा प्रभावशाली तथा शुद्ध होनी चाहिए।
 - ◆ लिखते समय वर्तनी की शुद्धि तथा सफाई का ध्यान रखें।
 - ◆ उपरोक्त कार्य आपको A4 शीट पर करना है।
- ज्यादा से ज्यादा बातें कम से कम शब्दों में लिखने का प्रयास करें।

3. मृदा (मिट्टी) संरक्षण हमारे भविष्य के लिए अति आवश्यक है हमारी शारीरिक और मानसिक स्वास्थ्य के लिए हमें किस प्रकार से मिट्टी को संरक्षित करना चाहिए उसके लिए क्या-क्या उपाय करने चाहिए। सभी को प्रेरित करते हुए अपने नगर के प्रसिद्ध समाचार पत्र के संपादक के नाम एक पत्र लिखिए।