



WINTER HOLIDAY HOMEWORK - 2021-22 **CLASS - VIII**

INTERDISCIPLINARY ART INTEGRATED PROJECT **TOPIC : INDUSTRIES**

Learning Objectives:

- To enable the students to integrate skills of different subjects and enhance their creative, collaborative and problem solving skills.
- Integrating Art with other subjects for better and comprehensible understanding.
- Comparative study of Large Scale and Small Scale Industries.
- Understanding the significant role of small scale industries in the Economic Development of the Country.

English –

Prepare a colourful poster on the effects of pollution caused by industries.

Tips for Slogan Writing

- The slogan should be attractive to create an awareness.
- **Add humour (wherever) you can-** a funny and catchy phrase
- **Keep it simple-** a short and simple tagline will be more easily remembered.
- **Try to highlight the uniqueness of your work.**
- **Consider linking a proverb or a well-known expression.**



हिंदी –

- 1- लाख की चूड़ियाँ पाठ के आधार पर कला एकीकृत गतिविधि-जारी समाप्त होते लघु उद्योग-धंधे- फाइल प्रस्तुतीकरण
(छात्र उत्तर प्रदेश, मेघालय, अरुणाचल प्रदेश के लघु उद्योग-धंधों पर विस्तारपूर्वक विवरण तथा उनकी समाप्ति के कारण एवं निवारण पर परियोजना कार्य(4-4 बच्चों का समूह छात्र स्वेच्छानुसार बनाएँगे) पी.पी.टी अथवा वीडियो का निर्माण रूप में करें जिसे वे शीतावकाश के पश्चात सभागार में प्रस्तुत कर सकें
- 2- पुस्तक-समीक्षा हेतु जयशंकर प्रसाद की कहानियों (6 से 10) का पठन-पाठन कीजिए ।
- 3- सभी छात्र हिंदी का ई-पोर्टफोलियो पूर्ण करें जिसके अंतर्गत हिंदी विषय की सभी कार्यपत्रिकाएँ,
ई-प्रमाणपत्र (अंतर्विद्यालयीय, अंतर्सदनीय प्रमाण पत्र, अतिरिक्त प्रमाण पत्र, विशेष दिवस)
तथा हिंदी भाषा के प्रति अपने योगदान को दर्शाइए ।

Sanskrit

1-विविध विषयों के साथ एकीकृत कला समन्वित गतिविधि- 'तुलसीपादपस्य आत्मकथा' पाठ पर आधारित

तुलसी/ नीम वृक्ष के औषधीय गुणों का वर्णन पाँच वाक्यों में करें तथा उनसे निर्मित उत्पादों के नाम लिखकर सचित्र सूची तैयार करें।

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

2- 'पाठ-8 पुनर्मूषको भव- चित्र कथा(COMIC STRIP)' पर आधारित एक PPT/ FLIP BOOK बनाएँ तथा गूगल क्लासरूम पर अपलोड करें ।



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 दर्शाइए।

4- प्रातः कालीन सभा में दिखाए गए किन्ही छः संस्कृत श्लोकों का अर्थसहित 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

Make a PPT on different types of small scale industries. A brief explanation on each type of industry should be there in French language in the PPT. Images also have to be included in the PPT.



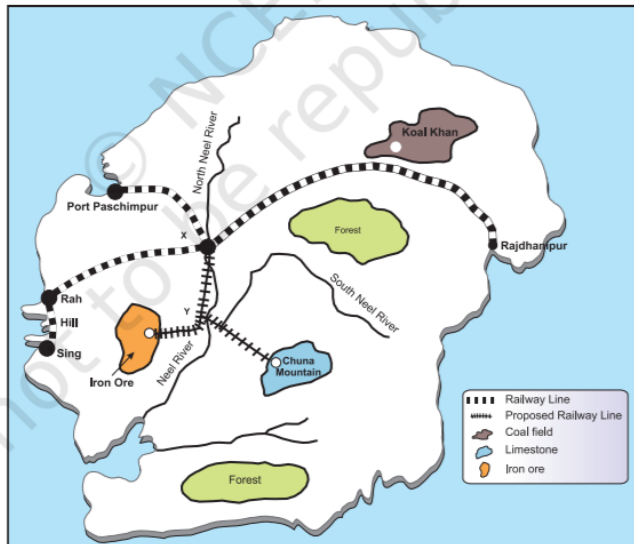
Mathematics

Project:

Imagine you are a part of Board of Directors faced with the problem of choosing a suitable site for an iron and steel plant of Developen Dweep. A team of technical experts has submitted a report with notes and a map. The team considered access to iron ore, coal, water and limestone, as well as the main market, sources of labour and port facilities. The team has suggested two sites, X and Y. The Board of Directors has to take the final decision about where to locate the steel plant.

- Read the report submitted by the team.
- Study the map to find out the distances of the resources from each site.
- Give each resource a 'weight' from 1 to 10, according to its importance. The greater the 'pull' of the factor on the industry the higher the weight from 1 to 10.
- Complete the table on the next page.
- The site with the lowest total should be the most satisfactory site.

Remember each one of you can decide differently



Scale: 1 cm = 100 Km

Report

Factors/Resources affecting the location of a proposed Iron and Steel Plant on Developen Dweep.

- **Iron ore:** This is a very large deposit of low-grade iron ore. Long distance transportation of the ore would be uneconomic.
- **Coal:** The only coalfield contains rich deposits of high-grade coal. Transportation of the coal is by railway, which is relatively cheap.
- **Limestone:** This is widely available over the island, but the purest deposits are in the Chuna Mountains.
- **Water:** Both the tributaries of River Neel carry sufficient water to supply a large iron and steel plant in all seasons. The sea water because of its high salt content is unsuitable.
- **Market:** It is expected that the chief market for the Plant's products will be the engineering works of Rajdhanipur. Transport costs for the products- mainly small steel bars and light steel plates would be relatively low.
- **Labour supply:** This will have to be recruited mainly from the unskilled workers in the 3 fishing villages of Hill, Rah and Sing. It is expected that most workers will commute daily from their present homes.
- **Port facilities:** These are at present minimal. There is a good, deep natural harbour at port Paschimpur developed to import metal alloys.

Resource	Distance from X	Distance from Y	Weighting* 1-10	Distance X weight for site X	Distance X weight for site Y
Iron ore					
Coal					
Limestone					
Water					
Chief market					
Labour supply					
			Total =		

* the larger the pull, the higher the weighting

Submit a one-page document, with the above table stating your decision and its justification.

Science



Topic: Conservation of plants and animals.

- Research on the types of category of rare and endanger species.
- You may Include:- Biodiversity, Endemic species, Conservation of wildlife, protected area, Flora and fauna Project tiger
- Discussion and debate of the types of species in the form of PPT or small video with your parents, friends and guardians
- Prepare a list of wild life Sanctuaries and National parks in India and in Neighboring countries, show these in the form of a creative.
- Solve worksheets shared in the class room of your class.

Social Science



Case Study on textiles in India and Abroad

(Subject Integrated: Social Science, Hindi, Science, Art and craft)

Case studies can be exploratory, descriptive, evaluative or explanatory. Students to ensure that the [case study](#) involves an in-depth analysis in order to understand its functionality, significance and ways to improve it. The case study should also include the problems faced by the industry along with the solutions. Kindly keep the following points in mind while preparing your case studies.

- Use real-life examples.
- Provide credible information on your selected topic.

IT & AI

Prepare a vector image using Tools in Inkscape on Pollution caused by Industries in India. Add appropriate Artistic Text for adding Heading and Paragraph Text for writing ways of Controlling Pollution caused by industries.

Smart Living- Studying in an AI Enabled Smart School

You have already seen an illustration about visiting an AI enabled hospital in a Smart City. Now, imagine that you are studying in an AI enabled smart school. What will be your experience of studying in such an institution?

1. You enter the school and attend the first period(Mathematics)
2. Experience in the school library during reading time.

NOTE: THERE WILL BE A COMMON PRESENTATION OF HOLIDAY HOMEWORK AFTER THE SCHOOL REOPENS

STAY SAFE, STAY HEALTHY, AND

HAPPY LEARNING 😊 😊 😊