



WINTER HOLIDAY HOMEWORK(2022-23)

CLASS IX

ENGLISH

1. Using the story template given below, draft a story of minimum 20 pages for the **NATIONAL YOUNG AUTHORS FAIR**

Story Diagram Template

10. _____

9. _____

8. _____

7. _____

6. _____

5. _____

4. _____

3. _____

2. _____

1. _____

Climax:

11. _____

12. _____

13. _____

14. _____

Resolution:

Rising Action ← → **Falling Action**

Exposition

Protagonist: Antagonist: Setting – Time: Setting – Place:	Internal Conflict: External Conflict:
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Story Diagram _____



What is the National Young Authors Fair?

The Biggest Book Writing Competition in the world's history where books will be written and published by children for children. Children will become Published Authors with an ISBN, issued by the Ministry of Education and win prizes along with Author Royalties for their books.

How to Participate?

Sign-up using a Laptop/Tablet at:
yaf.bribooks.com/india/student

Scan To Sign Up

Select your favorite theme and write at least 20 pages

⊗ Exciting Beginning ⊗ Descriptive Middle ⊗ Creative End

Publish & Promote

Earn up to 25% as Author Royalty with every book sold

Awards

Published Author Certificate for all Young Authors

- Best Author: Jury Awards**
Top 100 Author for content & creativity
- Best Selling 'Authors' Awards**
Top 100 in each category
- Global Feature & Awards**
Top 100 Authors

Important Dates

REGISTRATION 1st to 21st Dec 2022	Book Writing 1st Dec 2022 to 15th Jan 2023
Book Promotions 16th Jan to 7th Mar 2023	
National Author Fair & Awards 25th Mar 2023	

2. Make a Collage on the types of Vegetation and Crops in Arunachal Pradesh and Meghalaya. (Based on the poem On Killing a Tree) (Art Integrated Activity)
3. Complete the December month assignment in your English Grammar notebook.



HINDI

- 1- 'मेरा छोटा-सा निजी पुस्तकालय' पाठ के आधार अपने दादाजी को पत्र लिखकर बताइए कि आप पाठ के लेखक को अपना आदर्श मानते हैं और उन्हीं की तरह पुस्तकें पढ़ना पसंद करते हैं।
- 2 - 'सरस्वती पब्लिकेशन' की 'सुभद्रा कुमारी चौहान की कहानियाँ' से 'हींगवाला', 'कैलाशी नानी', 'ताँगेवाला', 'गौरी' तथा 'मछुए की बेटी' कहानियों का पठन-पाठन।
- 3 - वार्षिक परीक्षा हेतु दिए गए लिंक के आधार पर 'महाभारत' का पठन-पाठन :-

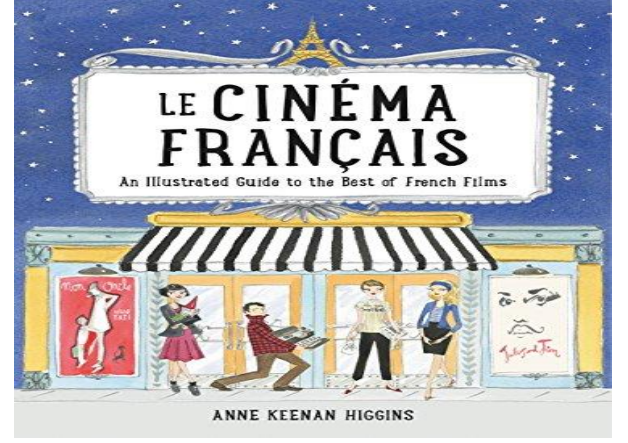
<https://youtu.be/eCeSDxINeNE>

शिक्षण-अधिगम-उद्देश्य :-

- सृजनात्मकता का पल्लवन।
- सांस्कृतिक जागरूकता।
- पर्यावरण के साथ भावात्मक जुड़ाव।
- मौलिकता में अभिवृद्धि।

FRENCH

Write a review on a French movie in French language.



SANSKRIT

- 1- 'एक भारत श्रेष्ठ भारत गतिविधि' - अरुणाचल प्रदेश: / मेघालय: नाम कैसे पड़ा - उसके नाम की सार्थकता को प्रतिपादित करते हुए वहाँ के दर्शनीयस्थलों व संस्कृति का वर्णन करते हुए नौ - दस वाक्यों में अनुच्छेद संस्कृत में लिखें | संबन्धित चित्र भी बनाएँ |



- 2- प्रातः कालीन सभा में दिखाए गए किन्ही छः संस्कृत श्लोकों का अर्थ सहित गायन करते हुए एक वीडियो 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।

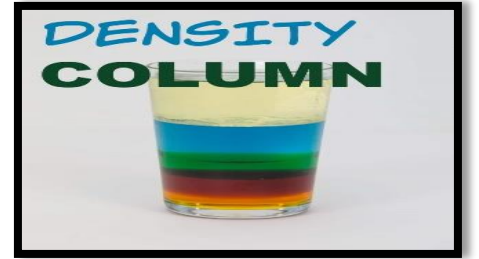
- 4- धातुरूप - परस्मैपदी - अस्, कृ, गम्, नी (पाँचों लकार);
 आत्मनेपदी- सेव्, लभ् (लट्, लृट्)
 शब्दरूप - मुनि, साधु, अस्मद्, युष्मद्, तत् तीनों लिंग
 सभी कार्य अभ्यास उत्तर-पुस्तिका में लिखें व याद करें ।

- शिक्षण अधिगम** - क. संस्कृत लेखन कौशल का विकास व शब्द भंडार में वृद्धि ।
 ख. भाषा संबंधी व्याकरणिक ज्ञान ।
 ग. गायन कौशल का विकास ।
 घ. श्लोकों के माध्यम से भारतीय संस्कृति से अवगत होना ।

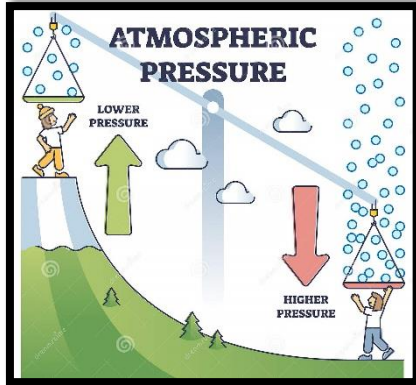
PHYSICS

DENSITY TOWER

Make a 5 Layer Density tower using your favorite Liquids/solids. Share your experience using photographs. How do you think the density of liquids will change if you increase their concentration? Design an experiment to investigate the research question.



OR



APPLICATION OF PRESSURE

Choose a topic from the below to demonstrate an application of pressure. Explain your findings on a Chart with pictures/diagrams.

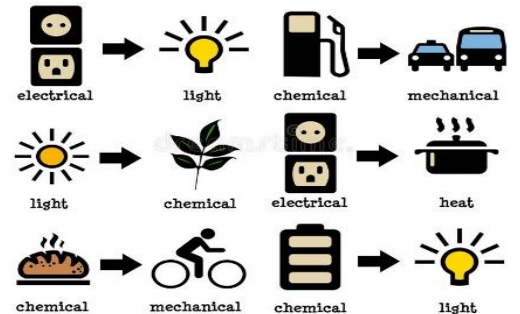
- Hot air Balloons
- Atmospheric pressure in straw water
- Atmospheric Pressure on earth and its applications
- Role of pressure in working of a hand pump
- Atmospheric pressure with Elevation

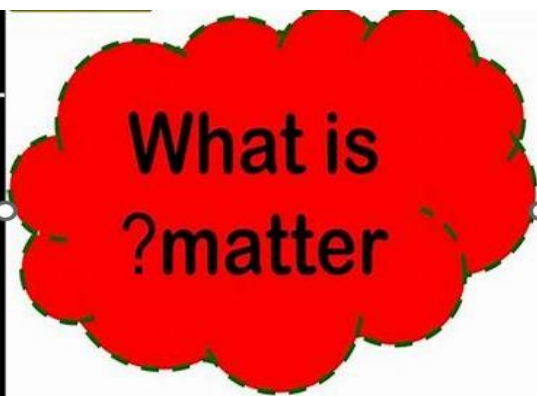
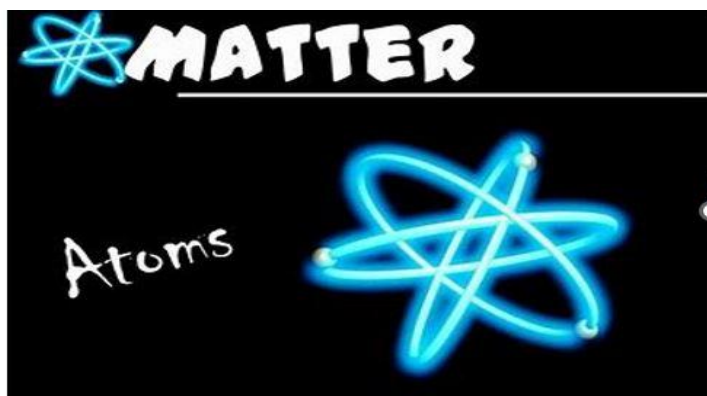
OR

ENERGY TRANSFORMATION

Make a simple working model to show transformation of energy. (Solar energy, Hydro energy, wave energy, Wind energy, geothermal energy, Biogas plant, Tidal energy)

ENERGY TRANSFORMATIONS





CHEMISTRY

The matter is defined as anything that has mass and volume. Atoms are the smallest unit of matter. This means that atoms are the building blocks of all other substances on Earth- both organic and inorganic

Activity- Do detailed research on the following.

- Stability and the existence of particles like atoms, molecules, and compounds in nature (Octet concept)-Classification of Matter
- Ease of reactivity of elements (Clue- Reactivity series)
- Presentation of any element (Daltons IUPAC Format)
- Formulation of the formula of any molecule in a compound

Learning outcomes- research skills, presentation skills

OR

Activity- Do detailed research on the different models of atomic structure.

(With Diagrams)

Learning outcomes- research skills, presentation skills and drawing skills.

Please note the presentation of the project should be in a folder/class register.

BIOLOGY

Worksheet

Topic : Improvement In Food Resources

1. Mention any two activities for the improvement of crop yield. 1
2. Define irrigation. 1
3. What is green manure? 1
4. Name the important systems of irrigation. 1
5. What are genetically modified crops? 1
6. What is organic farming? 1
7. What led us to improve food grain production? 1
8. What do we get from cereals, pulses, fruits and vegetables? 2
9. Mention the preventive and control measures used before grain is stored? 2
10. Why is it recommended to grow a leguminous crop between two crops? 2
11. Differentiate between intercropping and crop rotation. 2
12. It is said that the fertilizers change the soil chemistry. Do you agree? If yes ,why? 2
13. Define the term mixed cropping and give two examples. 2
14. What is called "Sustainable Practices" in improvement of food resources. 2
15. Distinguish between Macro Nutrients and Micro Nutrients 2
16. Distinguish between Compost and Vermicompost. 2
17. Mention three techniques of Hybridization used to achieve desirable agronomic characteristics. 3
18. List two biotic and abiotic factors each that is responsible for grain loss? 3
19. Differentiate between manure and fertilizers. 3

Animal husbandry

Answer the Following

- 1) Give two preventive measures to protect poultry birds from diseases. 1
- 2) Define Animal Husbandry. 1
- 3) What are the advantages of using exotic and indigenous cattle for breeding? 1
- 4) Give any two examples for each 1x2
(a) Indigenous cattle (b) Exotic poultry
- 5) Distinguish between 1x5
(a) Layers and broiler (b) Milch and draught cattle (c) Fin fishes and shell fishes
(d) Indigenous and exotic breeds (e) Capture and Culture fisheries
- 6) What is pasturage? 1
- 7) Mention the types of honey bee you will prefer to rear if you are running an apiary. 1
- 8) What is composite fish culture system? 2
- 9) What do you understand from the term integrated farming? 2
- 10) Which method is commonly used for improving cattle breeds and why? 2

SOCIAL SCIENCE

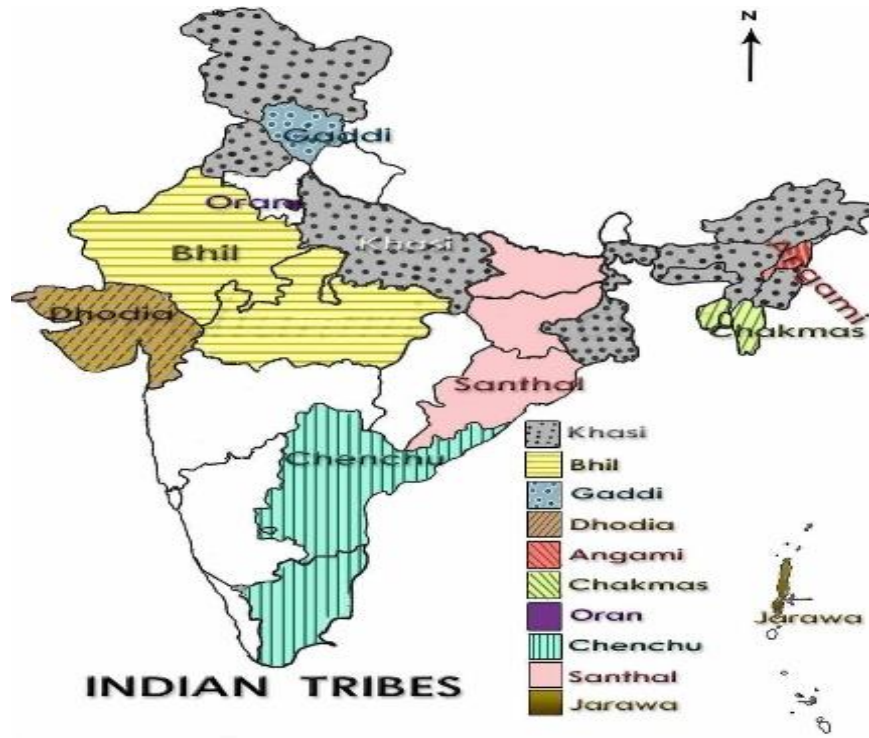
The tribal population is scattered all across the Indian mainland- in nearly all the states and union territories, in several pockets. One must know that there are over 700 tribes that have been notified under Article 342 of the Indian constitution.

Q1. Students to prepare the list of acts and provisions of Indian constitution that had affected the lives of scheduled tribes in India.

Q2. On a Political Map of India, label and locate the major tribes of India.

Q3. The literacy rate among tribal communities are very low. List the various reasons for the same.





MATHEMATICS

Kabir is working on an Art Integrated Mathematics project. The theme is 'Life in Water'. He has decided to create a school of different colored fish, similar to this.



He has chosen to create his fish as shown in the figure below. Each fish would be made of squares and triangles of paper



NOTE: THE WEIGHTAGE OF HOLIDAY HOMEWORK IS 10 MARKS IN POST TERM ASSESSMENT.

**STAY SAFE, STAY HEALTHY,
AND HAPPY LEARNING**

