

ARMY PUBLIC SCHOOL, DHAULA KUAN

Verghese Kurien
The Father Of White
Revolution



CO-OPERATIVES BUILD A BETTER WORLD

HOLIDAY

Homework

CLASS 9
2025 - 26



1) Brochure making:

- Ek Bharat Sreshth Bharat activity -
comparison between Delhi and Sikkim -
the flora and fauna, and the impact of the
weather.



2) Write an article / a conversation / a
comic strip / poster on the topic,
“Cooperatives build a better world”. Give
suitable examples. You can even make
some items made by Cooperatives.
Use drawings, pictures, writing. Make it
colourful and fun.

3) Prepare for your PT1.





गतिविधि - 1

- मुवी मेकिंग/डॉक्युमेंट्री निर्माण (टॉपिक- सिक्किम और दिल्ली के वन्य जीव : एक तुलनात्मक अध्ययन)
 - मैगज़ीन/ फ्लायर/ ब्रोशर निर्माण। (सिक्किम और दिल्ली के वन्य जीवों के तुलनात्मक अध्ययन पर आधारित 8-10 पृष्ठ)
- (नोट : दो में से कोई एक)

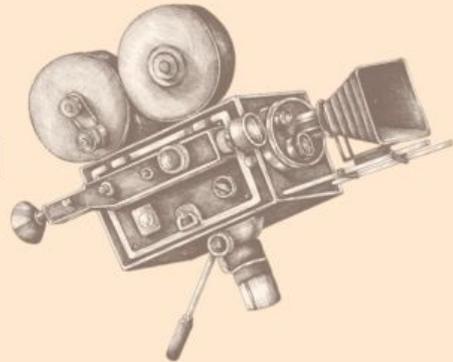
गतिविधि - 2

- कॉमिक बुक (पाठ्यपुस्तक के किसी कहानी या अपनी पसंदीदा कहानी पर आधारित)
 - बुक कवर डिजाइन (स्पर्श, संचयन)
- (नोट : दो में से कोई एक)

गतिविधि - 3

वर्ष- 2025 'संयुक्त राष्ट्र अंतर्राष्ट्रीय सहकारिता वर्ष' के रूप में मनाया जा रहा है। "सहकारिता सभी के लिए समृद्धि का निर्माण करती है।" विषय पर आकर्षक पोस्टर का निर्माण कीजिए।

पी टी-1 हेतु निर्धारित पाठों की पुनरावृत्ति।



MATH

1. Revise and practice chapters done before summer vacation.
2. Learn tables till 20.
3. Verify the algebraic identities $(a-b)^2$ and $(a+b)^2$ by paper cutting and pasting method.
4. Solve any mathematics puzzle or crossword and paste it in your class work notebook.
5. Draw a bar graph Or a pie chart illustrating top 10 milk producing states in India .

Rubrics

Accuracy-2

Presentation and creativity -1

Relevance to theme-1

Timely submission -1



Science

Sikkim, a small Himalayan state in India, has made significant progress in promoting cooperative societies to support local communities and rural development. Cooperatives in Sikkim play a vital role in improving the economic and social well-being of people, especially farmers, women, and small entrepreneurs.

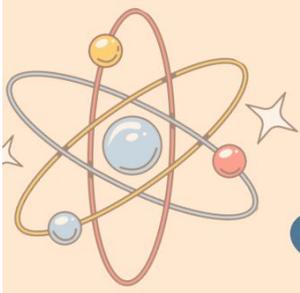
1) Prepare a model/ colourful collage/ colourful chart/ Painting/clay model depicting the cooperative IFFCO/ SIMFED and what role they have played in making Sikkim a complete ORGANIC STATE.

2) DESIGN A BEAUTIFUL LOGO for a cooperative society.

3) Make a Pictionary of Science Terms: Create a Pictionary of 50 new words from Science and present it with a beautiful cover page.

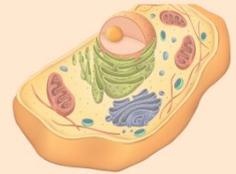
4) Revise the syllabus of PT -1

$$F = mc^2$$



Science

5) Complete this assignment and submit in your respective register.



https://docs.google.com/document/d/1sPyfQkG4Hb7qrBIKtHxdtAk4wfMTYko2TH5_g2A1NsI/edit?usp=drivesdk

Rubrics

Scientific accuracy-2

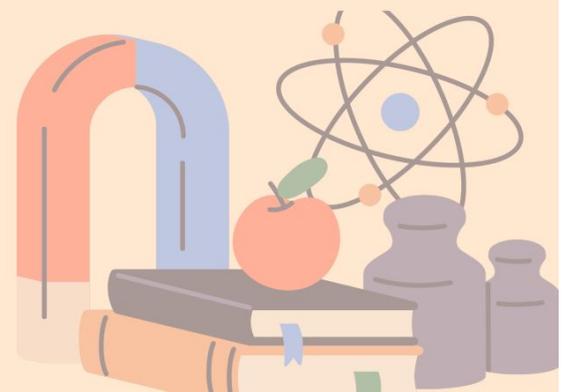
Presentation and creativity -1

Relevance to theme-1

Timely submission -1



**“
A healthy
outside
starts from
the inside.
-Robert Urich**



Social Science

Project I- As per CBSE guidelines, students of Class IX have to submit **A HANDWRITTEN PROJECT** on the related topics on Disaster Management.

GUIDELINES FOR SUBMITTING THE PROJECT

1. Highlight the following:

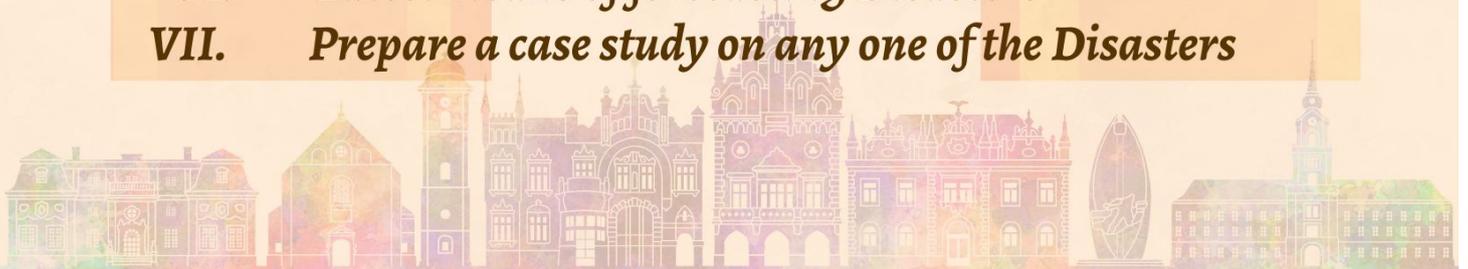
- a) Definition of 'Disaster'.
- b) What is a disaster management cycle?
- c) What are the types of Disasters?
- d) What is vulnerability and risk?
- e) What is a Hazard? How is it classified?
- f) Differentiate between hazard and disaster.
- g) Contrast and compare physical, chemical and biological hazards. Use the given table as a reference.

2. Prevention and Mitigation of Common Disasters in India.
Select **ANY ONE** for your project.

Natural disaster- Earthquake OR Man-made disaster- Fire

3. Enumerate the following in your project related to above disasters:

- I. Meaning
- II. Causes
- III. Do's and Don'ts
- IV. Prevention and mitigation measures
- V. Your emergency Kit
- VI. Latest means of forecasting Disasters
- VII. Prepare a case study on any one of the Disasters



Social Science

General Instructions:

1. The project should be hand written. It should be submitted by 1st week of July 2025
2. It should be well presented, researched, and pictorial.
3. Cover page, table of contents, acknowledgements, content, bibliography, headings and sub – headings are a must.
4. Each section should be done on white/colored A4 size sheets.
5. The project should be presented in a file .
6. The project should not exceed 15 pages.
7. The project carries 5 marks:

The distribution of marks over different aspects relating to Project Work is as follows:

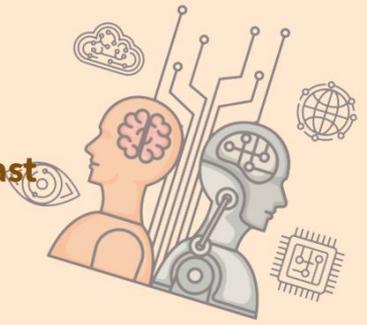
S.NO.	ASPECTS	MARKS
1.	Content accuracy, originality and analysis	2
2.	Presentation and creativity	2
3.	Punctuality	1

Project II- Prepare a 3D model of Sikkim map showing relief features, flora and fauna OR the 3D model of lifestyle of people in Sikkim.

Project III- Prepare a PPT on the case studies of some of the successful cooperatives working in the field of agriculture for empowering farmers and improving their livelihoods.



Artificial Intelligence



Name any 10 Tools / Apps that use Artificial Intelligence (at least 2 from each AI domain).

Categorize them according to the AI domain (Statistical Data, Natural Language Processing, Computer Vision).

Explain how these AI tools work, and the area/field where you can use these tools in everyday life.



Write the impact (positive or negative) of these tools on society.

Submit the documentation in a folder on A4-sized sheets.

The First sheet of the folder should include - Name of the student, Class/Section, Adm No. and Mentor Teacher.

Information Technology

1. Use LibreOffice Writer to create a document.

2. Topic: Write about the fauna of Sikkim, including:

- Mammals (e.g., Red Panda, Snow Leopard)
- Birds (e.g., Satyr Tragopan, Himalayan Monal)
- Reptiles and Amphibians

3. Format:

- Use headings and subheadings
- Bullet points or numbered lists for animal descriptions
- Font: Times New Roman or Comic Sans, Size: 14
- Try to include images of Sikkim's fauna.
- Use simple language and short paragraphs.

4. Save your document as "Fauna_of_Sikkim_yourname.odt" and take a print out and paste in IT notebook.

Tips:

1. Use reliable sources for information.
2. Proofread your document for errors.
3. Use proper alignment like "Justify" your document.
3. Be creative and showcase your learning!



Physical Activity Trainer

Write Summary for Roll of physical education in child development

