Class VII Holiday Homework 2025-26

ENGLISH

GENERAL HOLIDAYS HOMEWORK

- Read the novel 'Spaceboy' by David Walliams.
- Make a chart of rules of tenses on an A3 size sheet.
- Create an A–Z vocabulary booklet with 10 words per alphabet.
- Design a bookmark with a motivational quote or any quote which describes your love for reading.

EXHIBITION BASED HOMEWORK

Roll no. 1-13

DESIGN A BOOK COVER ANY ONE SCIENCE FICTION NOVEL

Design a book cover for any one science fiction novel of your choice on an A3 size sheet. Include the title, author's name, and imaginative visuals that reflect the story's theme. Add a creative tagline or short description. Use colours, symbols, and elements that represent key ideas from the novel.

Roll no. 14-27

DIALOGUE WRITING WITH YOUR FAVOURITE AI (ARTIFICIAL INTELLIGENCE) TOOL

Write a dialogue between you and your favourite AI tool (like ChatGPT, Alexa, Siri, etc.). Make the conversation interesting and creative. You can ask questions, share thoughts, or solve a problem together. Use proper punctuation and make sure both sides of the dialogue are clearly written. You have to write 6 dialogues per character i.e. total of 12 dialogues (maximum 15) on an A3 size sheet.

Roll no. 28-41

ESSAY ON HOW TECHNOLOGICAL ADVANCEMENTS HAS DIMINISHED OUR GROWTH IN CREATIVITY

Technology has made life easier, but has it affected our creativity? In this essay, reflect on how constant use of gadgets, apps, and AI might be reducing our ability to think independently, imagine, or create new ideas. Give examples from daily life to support your views and suggest solutions. This has to be done on an A4 size sheet.

Roll no. 42-56

DESIGN A POSTER ON THE FUTURE WORLD

Design a poster on the theme: "The Future World" on an A3 size sheet. Imagine how the world might look in the next 100-150 years. Include ideas about technology, environment, transportation, education, or daily life. Use drawings, colours, and catchy slogans to express your vision creatively.

HINDI

★ अनुक्रमांक (1- 15)- किसी एक आधुनिक वैज्ञानिक की जीवनी तैयार करें चित्र सहित जैसे (ए.पी.जे. अब्दुल कलाम, सी.वी. रमन, होमी ,जहांगीर ,भाभा और अन्य)

★(अनुक्रमांक (16 -30)किसी एक आधुनिक वैज्ञानिक के आविष्कार पर मॉडल तैयार कीजिए ।

★अनुक्रमांक (31 -45)

 पोस्टर बनाना

विषय: "मेरे प्रेरणास्रोत वैज्ञानिक"

कार्य: किसी एक आधुनिक वैज्ञानिक (जैसे ए.पी.जे. अब्दुल कलाम, मैरी क्युरी, एलोन मस्क, सुब्रमण्यम चंद्रशेखर आदि) के बारे में जानकारी देते हुए एक रंगीन पोस्टर तैयार करना - जिसमें उनका चित्र, योगदान, आविष्कार और प्रेरक वाक्य हों।

★ (अनुक्रमांक (46 -58)

विज्ञान-आधारित कोलाज (Collage) बनाना

विषय: "आधुनिक विज्ञान और हमारे जीवन में उसका प्रभाव"

कार्य: वैज्ञानिकों से संबंधित चित्र, उनके उपकरण, उपग्रह, रॉकेट, लैब आदि के कटआउट्स से एक कोलाज तैयार करें।

सभी विद्यार्थी 'एवरेस्ट की चुनौती' पाठ के आधार पर परियोजना का

MATHS

Project on visualising solids

 Page 1: Introduction of 2D shapes and 3D shapes

Page 2: On the blank side draw a labelled figure of a cube, cuboid, tetrahedron , square pyramid and a cone.
On the ruled side of this page ,make the following table and complete it

Shape	Number of vertices	No of edges	No of faces
Cube			
Cuboid			
Tetrahedron			
Square Pyramid			
Cone			

Page 3: Cut the nets of the following shapes from a coloured paper and paste it in your project file
1. Cube
2. Cuboid
3. Square Pyramid
4. Closed Cylinder
5. Triangular pyramid

Note : link of the video for nets of the 3d shapes is given below

https://youtu.be/_WHhWBl9bcQ

II. COOPERATIVES

A cooperative is an organization formed by a group of people who come together to meet their common needs and goals. It is based on values like self-help, equality, and teamwork. In a cooperative, every member has an equal say in decisions, and the profits are shared fairly among all members.

Cooperatives and mathematics are closely connected in many ways. In a cooperative, members often share profits, resources, and responsibilities equally, which involves mathematical concepts like division, percentages, and ratios. Budgeting, keeping financial records, and calculating savings or expenses all require basic math skills. Even making fair decisions and voting in a cooperative can involve understanding numbers and statistics. This shows how math helps cooperatives run smoothly and fairly, making it an important part of teamwork and shared success.

To create awareness among the students of our school in the following work is allotted to all the students according to their roll numbers

Roll Number	Work Assigned
1 - 12	Represent the success story of any one cooperative in India(Aavin, Amul, Indian Coffee House, IFFCO,KRIBHCO, NAFED etc)highlighting their significant milestones, business models and their growth over the years on a chart paper.
13- 24	Represent the total number of cooperatives in any five states of India on a bar graph on an A3 size sheet (make your bar graph 3d using waste material, decorative items ,cotton etc). Refer to the link given below for the data : https://pib.gov.in/PressReleasePage.aspx?PRID=1982672
25- 36	Innovative mathematical games relevant to your curriculum
37 - 48	Mathematics models relevant to your curriculum

49 onward	Represent the number of any five types of cooperative society graphically on an A3 size sheet (make your bar graph 3d using waste material, decorative items ,cotton etc).
	Refer to the link given below for the data :
	https://pib.gov.in/PressReleasePage.aspx?PRID=1982672

SCIENCE

1 Revise the following Chapters:
a.   Nutrition in living organisms - plants
b.   Nutrition in living organisms - animals and man
[For unit test to be held after vacation]

2) **ART INTEGRATION:** Make a pocket diary having chemical symbols of elements and ions.

3) **Project Topic "SOIL"**
Subtopic : Pesticide residues in soil
Organic farming practices
The project should comprise the following:
● Name of the topic.
● Index
● Certificate
● Acknowledgement
● Introduction of topic
● Content (research work): detail of the topic chosen (5-6 pages). Preferably with analytical interpretation, graphical representation of results, pie charts, survey, etc.
● Bibliography

4) Under '**EK BHARAT SHRESHTHA BHARAT'** Programme , the students are supposed to research on any one aspect from the following as per their roll nos.(pertaining to scientific knowledge and principles) of SIKKIM.

The students with the respective Roll nos. need to prepare a brochure on their assigned topic on Using A-4 size sheet.

Roll No.-Topic

1-5 and 26-30
Soil- Mineral Composition, total landmass, Area under vegetation, Total Forest area, Types of Soil.

6-10 and 31-35
Festivals and costumes

11-15 and 36-40
Flora and Fauna

16-20 and 41-45
Food and Culture- Eating habits, indigenous crops, Festivals, Language, Dance forms

21-25 and 46-last
Local Tribes and their traditions

5 Exhibition Work

The 2025 International Year of Quantum Science and Technology (IYQ) recognizes 100 years since the initial development of quantum mechanics.. Our aim is to highlight the contributions of quantum science and practical applications of quantum technology. The following are the topics and related innovative strategies allotted according to roll nos.

Roll No.
TOPIC
INNOVATIVE ACTIVITIES

1-10
QUANTUM SCIENCE IN MEDICAL APPLICATION /QUANTUM COMPUTING IN MEDICAL IMAGING
NEWSLETTER/
JOURNAL / AUGMENT REALITY MODEL

11-20
BIOGRAPHTY CORNER OF QUANTUM PIONEERS
INTRODUCTION BOARD(including Panoramic display/ infographics)

21-30
QUANTUM SENSORS & COMMUNICATION (quantum enhanced sensors network for secure communication)

Working model/ Gamification/
Information flash cards

31-40
QUANTUM METROLOGY (NAVIGATION)
JIGSAW PUZZLE

41-50
INTRODUCTION OF QUANTUM SCIENCE
PAPER PLATE MODEL /DESIGNER T SHIRT PRINTING

51-60
ASTROPHYSICS /MATERIAL SCIENCE
POWER POINT PRESENTATION/ STANDING CHARTS

<u>Note*:</u>

Holiday homework will be assessed for internal assessment or subject enrichment activity
More weightage will be given to innovative work/ research based work/ original work
 use only Bio degradable material.

<u>S.ST</u>

Ch- Advertising and democracy

 Milk roots:- The Amul Cooperative story

 Students should do the given work according to their roll numbers on an A3 size sheet

Roll number 1 to 10:-

*Model of any product of Amul

Roll number 11 to 20:-

*Logo of Amul girl

Roll number 21 to 30:-

*Establishment of Amul cooperative

Roll no 31-40:-

*Infrastructure of the Amul cooperative

Roll number 41 to 50:-

*sharing and profit of Amul company among people and distribution of product

Roll number 51 to 68 :-

*Role of Amul in Indian economy

Stree Shakti:- the Lijjat Revolution

Students will make a project on the Lijjat revolution in their S.SC project file .

They can cover the following points like establishment of the lijjat company,infrastructure of Lijjat

company and how Lijjat has promoted women empowerment.

To be done by all the students of the class

SANSKRIT

व्याकरण पुस्तिका पुस्तक कणिका से

1-चार अपठित गद्यांश पृष्ठ 1से3 तक

2-चार पत्र पृष्ठ 16से 18 तक

3- चार संवाद पृष्ठ 20 से 21 से ,

4- चार 25 तक चित्राधारित वर्णन पृष्ठ २३ से

4- **सुरभि पुस्तक** के पाठ 1,2 पाठों में आए हुए अव्यय और उपसर्ग पदों का लेखन हुए   परीक्षा में आने वाले सभी अव्यय पदों का वाक्य प्रयोग

5- शब्द,रूप रामवत, लतावत , फलवत , अस्मद, युष्मद, व तत् शब्द के तीनों लिंगों के प्रत्येक के

पांच पांच वाक्य प्रयोग

6- धातु गम, धाव चल,वद,पठ के प्रत्येक धातु के तीनों लकारों में (लट,लंग,लृट) 5,पांच वाक्य प्रयोग

7- द्वितीया, तृतीया, चतुर्थी, विभक्ति के उपपद शब्दों के प्रयोग लेखन। हाथ का आरव बनाकर लिखे ।

8- सभी छात्र रोल न. के अनुसार वैदिक फिजिक्स पर निम्न कार्य प्रदर्शनी के लिए कार्य करेंगे

1. सत्व, रजस्, तमस् - तीन गुणों पर चार्ट/लेख (गीता 14.5, 14.20) चार्ट बनाएं ।

तीनों गुणों की परिभाषा (संबंधित श्लोक (गीता **14.5** और **14.20)** का उल्लेख

रोल नंबर: **1-10**

उदाहरण: गीता **14.5**:"सत्त्वं रजस्तम इति गुणाः प्रकृतिसम्भवाः..."

2. अणु व परमाणु की संरचना (गीता 8.9)

रोल नंबर: **11-20**

चार्ट में अणु और परमाणु की वैदिक अवधारणा

गीता- **8.9** "कविं पुराणमनुशासितारम..."

3. प्रकृति और पुरुष की रचना (गीता 3.27, 13.20)

रोल नंबर: **21-30**

चार्ट में प्रकृति (भौतिक जगत की रचयिता) और पुरुष (चेतना/आत्मा)

गीता **13.20**: "प्रकृतिं पुरुषं चैव..."

गीता **3.27**: "प्रकृतेः क्रियमाणानि..."

4. पंचमहाभूत (भूमि, जल, अग्नि, वायु, आकाश) पर चार्ट व चित्र

रोल नंबर: **30-40**

चार्ट में: पांच महाभूतों के नाम, गुण, उपयोग

शरीर, मन, ब्रह्मांड में उनकी उपस्थिति पंचमहाभूतों का चित्रात्मक प्रस्तुतीकरण (प्राकृतिक दृश्यों के साथ)

वैदिक(तैत्तिरीय उपनिषद आदि से)

5. वैदिक फिजिक्स - क्या समझते हैं? (A3 शीट पर)

रोल नंबर: **40-50**

वैदिक विज्ञान की प्रमुख अवधारणाएँ (ऋषियों द्वारा दी गई ऊर्जा, पदार्थ, गति आदि की समझ)

ऋग्वेद, उपनिषदों से उद्धरण

सृष्टि की प्रक्रिया, ब्रह्मांड की गति, प्रकाश का स्रोत

आधुनिक फिजिक्स से तुलनात्मक विश्लेषण (जैसे क्वांटम सिद्धांत)

6. ब्रह्मांड की उत्पत्ति, प्रकाश और ऊर्जा की अवधारणा

रोल नंबर: **51-60**

चार्ट में:   वैदिक ब्रह्मांड की उत्पत्ति (नासदीय सूक्त, पुरुष सूक्त)

प्रकाश (तेजस्) और ऊर्जा (शक्ति) की परिभाषा से

ART

Make an Art work depicting the theme **"PEACE"**

Note :

1. Your Art work can be a Painting , wall hanging, craft work, Model,3D sculpture etc.

2. Art work should depict the theme properly.

3. Student can choose any medium and size.

COMPUTER

- Draw a poster on chart paper on

1. Safe & Correct use of technology
2. Tips to protect yourself from Cyber Scams.

ECO

● **E-Waste Art:-** Create a useful article or decorative item from using the e-waste.