

Maheshwari Public School, Kalwar

Summer Holiday Home Work 2024-25



Class-IX

ग्रीष्मकालीन गृहकार्य

विषय —हिंदी

1. कला एकीकृत परियोजना



निर्देश—

- * नागालैंड के भौगोलिक , सांस्कृतिक व धार्मिक परिवेश से संबंधित चित्र एकत्र कर के फ़ाइल में लगाएँ ।
- * परियोजना कार्य को विषयपरक, कलात्मक व प्रभावशाली बनाएँ।
- * पाठ 'ल्हासा की ओर' के आधार पर नागालैंड व राजस्थान की भौगोलिक स्थिति का तुलनात्मक वर्णन लिखिए ।



2. उपसर्ग व प्रत्यय का रचनात्मक तरीके से एक-एक चार्ट तैयार कीजिए।

निर्देश —

- * हिंदी उपसर्ग, संस्कृत उपसर्ग, आगत उपसर्ग को चार्ट में दर्शाएँ।
- * कृत प्रत्यय, तद्धित प्रत्यय को चार्ट में दर्शाएँ
- * प्रत्येक कार्य स्पष्ट व रचनात्मक रूप से फ़ाइल में प्रदर्शित करें।
- * वर्तनी की शुद्धता का ध्यान अवश्य रखें।

Sanskrit

1 व्याकरण :- पाठ्यक्रम के अंतर्गत आए शब्दरूप एवं धातुरूप को याद करेंगे।

2 नागालैंड एवं राजस्थान के नृत्य , संस्कृति, त्यौहार एवं कवि का तुलना कर संस्कृत में वाक्य लिखिए चित्र के माध्यम से एक प्रोजेक्ट फाइल तैयार करे।



1) Art integrated project-

Rajasthan and Nagaland

Make an innovative ppt/ creative project file.

Topics

- a) Scientists and scientific achievements.-
- b) Solar energy / conventional energy resources -
- c) Mineral resources -(use bar graph and piechart)

2) Group activity:- working or no working models for science exhibition .(It is compulsory) .Your ideas should be up to the mark with a scientific concept (avoid windmills and volcano)

- 3) Solve the Reflection sheets in the respective copies.
- 4) update yourself with current scientific knowledge .
- 5) Learn & practice the topics taught in class.



1. “Art Integration Project”

Make a file (not more than 4 pages) comparing the states of Rajasthan and Nagaland on following

points using pictures and your creativity :

Physical Features

Culture

Climate

2. Do reflection worksheet Ch 1(Geo) in fair notebook. (Would be shared in class Whatsapp Group)

3. Learn Ch 1 each of History, Geography, Political Science and Economics.

SUBJECT: - INFORMATION TECHNOLOGY

(402)

General Instructions: -

1. Q1 to Q4 in Notebook.

3. Q5(Activity Based) Do any one.

3. All questions are compulsory.

Q1. Draw the diagram of Libre Office Window and Label it.

Q2. Create activity time table for your class in Libre Office Writer.

Q3. Explain any five applications of ICT.

Q4. Write full form and use of the following: -

1) CAT 2) MRI 3) ECG 4) EEG 5) GIC 6) ISP

ACTIVITY

Q5) Draw a poster on A4 sheet and write short note on the following. (any two)

- 1) Attributes of Self-management**
- 2) Steps to build self-confidence**
- 3) SMILE model (Self-Management)**
- 4) Personal hygiene**

Artificial intelligence

Activity 1 – Dream Smart Home

A home is a dream of every human. Imagine and prepare a rough layout of your dream smart home. This home contains automated roofs, walls, surfaces, windows, doors, etc. You can add whatever facility you need like a swimming pool, gym, drawing room, bedroom, kitchen, study room, hobby room, indoor-outdoor garden, etc. It includes the following:

Smart Lights: Can be switched on/off, dim, or glow according to your behavior and requirements.

Smart vacuum cleaners: Can be clean the home smartly without any intervention.

Smart locks: For security purposes.

Smart Remote Controls: Remote controls for appliances like AC, Gysar etc. which set temperature automatically.

For Reference: <https://www.youtube.com/watch?v=1CajaUol3vU>
<https://aidemos.microsoft.com/luis/demo>

Prepare a chart/model of your dream smart home equipped with AI devices.

OR

Activity 2 – Games

Games are very important part of our life. Some Games are useful for our mental development as well as physical development as well as for entertainment. Every game has its own rules. Find the links and play the games:

Game 1: Rock, Paper and Scissors (based on data)

<https://next.rockpaperscissors.ai/>

Game 2: Semantris (based on Natural Language Processing - NLP)

<https://research.google.com/semantris/>

Game 3: Quick Draw (based on Computer Vision - CV)

<https://quickdraw.withgoogle.com/>

Prepare a chart/Model of AI based games.



ENGLISH

ART INTEGRATED PROJECT

A portfolio is a purposeful collection of intentionally chosen student's work representing a selection of performances that is assembled over time and describes the learner's efforts, progress, growth and achievement in key areas learning outcomes. It is a tool for assessing a variety of skills not usually testable in a single setting of the traditional written paper and pencil tests.

Criteria	for	making	the	portfolio:
• Organization	–	Neatness	and	Visual Appeal
• Creativity			of	work
• Evidences	of	student's	learning	and growth

The portfolio should include the following:

***Page 1-Cover page** ,with the title of the project ,school details and details of the student .

***Page 2-Certificate of completion.**

***Page 3 will be done according to Roll numbers given below**

*** Roll no. 1 to 10 -Write a self composed poem describing Rajasthan and Nagaland in about 12 to 16 lines.**

Mention Rhyming Scheme if any

Use at least two poetic devices from the choices given (Alliteration, Metaphor, Simile, Personification)

Suitable Title

Specify the poetic devices with reference to the poem

***Roll no. 11 to 20 -Create a crossword puzzle with relevant clues to answer the following requisites:-**

5 down and 5 across

Any one Poet from Rajasthan and Nagaland

Any one Author from Rajasthan and Nagaland

Famous Art work from Rajasthan and Nagaland

Famous Literary Work from Rajasthan and Nagaland (Book Name)

Sports Personality from Rajasthan and Nagaland

***Roll no.21 to 30 -Write a descriptive paragraph describing any one of the following famous personalities and any one famous place of Rajasthan or Nagaland .**

Person

Place

Maharana Pratap

Ranthambore National Park

Rani Gaidinliu

Nagaland Zoological Park

***Roll no 30 and above - Collect photographs of great musicians of Rajasthan and Nagaland, with a write-up on their introduction, and all types of musical instruments they play. (photographs/ illustrations)**

Holiday Homework

Revise all syllabus done till date.

Frame 5 long answer type questions (Roll no 1to 10), 10 Short answer type questions (Roll no 11 to 20) and 15 MCQ'S (Roll no 21 onwards) of Beehive and Moments that is done till date in the class. (The question selection should be from the chapters)

Complete all the assignments of module one(Reading) in BBC COMPACTA.

Collect any five news items on the given issues, Paste them in the project file and express your views on any two in 120-150 words. The given roll numbers will work on the following topics

Environmental Issues (roll no. 1-15)

Technological Developments (roll no. 16-30)

Women Centric Issues (roll no. 30 & above)

FRENCH

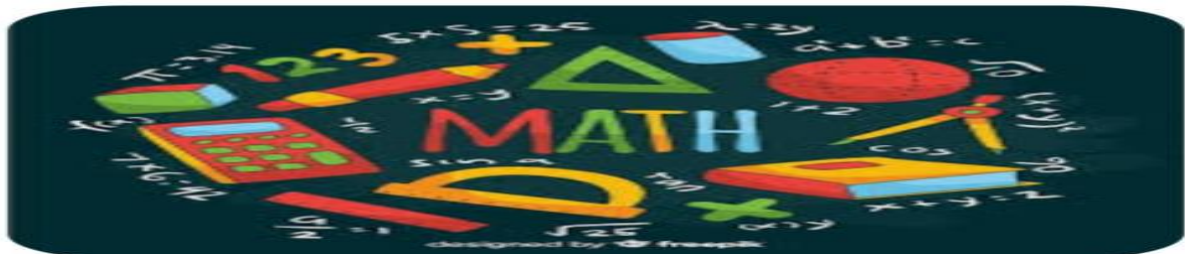
1. Écrivez la recette de kheer.
2. Qu'est-ce que vous ferez dans vos vacances d'été? (use future tense)
3. Décrivez votre routine quotidienne.

4. Décrivez votre personne célèbre préférée.

5. Écrivez les noms d'état et de capitale de France.

****Note :**

Write in French note book.



Do the following activities in Math Lab Manual

1. Square root spiral:

To construct a square root spiral with the help of an activity

2. Mid Point theorem:

The line segment joining mid- points of any two sides of a triangle is parallel to the third side and is equal to half of it.

3. Area of a triangle:

To prove that the area of a triangle is half the product of the base and the height using paper cutting and pasting.

**Art Integrated Project
Mathematics
Statistics
Roll no : 1 to 25**

Instructions

Write a short note on Nagaland and Rajasthan Population.
Draw a bar graph of population of Nagaland and Rajasthan between 1991 to 2023.
Make your project more creative and colourful.

**Art Integrated Project
Mathematics
Surface Area and Volume
Roll no : 26 to 45**

Instructions



Draw a rough figure to the given picture using suitable radius and height.
Find the surface area and volume of the cylindrical part of the above figure.
Make your project more creative and colourful.
Write a paragraph about the art of Nagaland.
Paste the picture of given figure.

