

# ARMY PUBLIC SCHOOL JORHAT

AY:2023-24



**SUMMER  
HOLIDAY**



**HOMework**





**ARMY PUBLIC SCHOOL JORHAT**  
**CLASS: IX (2023-24)**



**DATE OF SUBMISSION: 14.07.2023**



SUBJECT	
Mathematics	<input checked="" type="checkbox"/>
English	<input checked="" type="checkbox"/>
Science	<input checked="" type="checkbox"/>
Hindi	<input checked="" type="checkbox"/>
S.ST	<input checked="" type="checkbox"/>
Sanskrit	<input checked="" type="checkbox"/>
Computer	<input checked="" type="checkbox"/>



# Mathematics

## ART INTEGRATED PROJECT WORK

**GROUP A and X :** make a model of angle sum property of quadrilateral.

**GROUP B and C :** make a model on algebraic identity :  $(a+b)^2 = a^2 + 2ab + b^2$  and  $(a-b)^2 = a^2 - 2ab + b^2$

**GROUP D and E :** make a model on Pythagoras theorem i.e  $h^2 = p^2 + b^2$

**GROUP P, Q and S :** make a model of angle sum property of triangle.

For group project : model should be made up of plyboards or hardboards. And colour it properly.

Also write the aim, material required, theory and procedure in a4 size paper.(should be submitted individually)



**Individual project topic :** make two geoboard of shape – circle and square use plyboards or hardboards and pins to construct it.. Also write the aim, material required, theory and procedure in a4 size paper.

# ENGLISH







**Army Public School Jorhat**

**Holiday Homework**

**Class: IX**

**Sub: English**

-  Read a book of your choice and write a review on it.
-  Revise all the lessons done in the class
-  Write a paragraph on the following (100..120 WORDS)
  - ➔ A PLEASANT SURPRISE
  - ➔ AN UNPREDICTABLE DAY
  - ➔ Read newspaper daily
  - ➔ Listen to English news channels daily
-  Revise all the lessons done in the class

# Science

## Chemistry

- Q1. Draw a diagram to show the arrangement of particles in a solid, a liquid and a gas. What can be interpreted from the distance between the constituent particles?
- Q2. Draw a flow diagram showing the inter-particle conversion of states of matter. Label the diagram properly.
- Q3. Read the chapter 2: Is matter around us pure?

## Physics

1. Plan to go to a place by a vehicle. Take readings of odometer and speedometer after every 5 minutes till you reach your destination. Record these observations in tabular form; plot graphs between distance-time and speed time. State whether this motion is uniform or non-uniform.
2. Solve 10 numerical in physics, 10 concept based questions from reference book for the syllabus covered till date in class note-books of physics.
3. Revise the syllabus covered till date in physics for revision test.

## Biology

1. Diagrams of plant and animal tissues to be completed in the Biology note book.

# HINDI

ग्रीष्म अवकाश गृह कार्य

विषय :- हिंदी

कक्षा :- नौवीं

- 1) आंध्र प्रदेश के लोक कला और असम के लोक कला का एक तुलनात्मक वर्णन प्रस्तुत करें।
  - दोनों ही राज्य के लोक सांस्कृतिक के कुछ चित्र स्वयं बनाएं और उसे इस परियोजना कार्य में संकलन करें।
  - परियोजना कार्य रंग बिरंगा होना चाहिए और कई तरह के चित्रों से सुसज्जित होना चाहिए. 15
- 2) निम्न विषयों पर दिए गए संकेत बिंदुओं के आधार पर अनुच्छेद लेखन कीजिए।

- मैंने ग्रीष्मावकाश कैसे बिताया

संकेत बिंदु

ग्रीष्मावकाश बिताने की परिकल्पना

समय नियोजन

अविस्मरणीय स्मृतियाँ

- मेरी प्रिय पुस्तक

संकेत बिंदु- प्रिय पुस्तक

प्रिय होने का कारण

मर्मस्पर्शी कथ्य

पथ-प्रदर्शक

- 3) पत्र लेखन

- आप स्वामी विवेकानंद छात्रावास, जयपुर रोड कोटा, राजस्थान के छात्र हैं। नए सत्र की तैयारी हेतु आपको कुछ रुपयों की आवश्यकता है। रुपये मँगवाने के लिए अपने पिता जी को पत्र लिखिए।
- आपके विद्यालय में नए शिक्षक आए हैं। उनकी विशेषताएँ बताते हुए अपने मित्र को पत्र लिखिए।

\*\*\*\*\*

# S.ST

***Holiday Homework,  
Subject: Political science  
Class :IX***

***Q1: In your own words explain the following.***

***a)One person, : one vote, one value.***

***b)Rule of Law and respect for rights.***

***c)Why Pakistan under General Musharraf  
shoulnot be called a Democracy?***


***Art Integrated Project.***

***●Write about the political movements in  
the states of Andhra Pradesh and Assam\*  
that has changed the course of politics in  
both the States?***

## **Holiday Homework History (s.st)**

"Vladimir Lenin a Russian lawyer, revolutionary, politician, and political theorist"  
Write an article on above mentioned topic. Words should not exceed 350

# SANSKRIT

  
**Army Public School Jorhat**  
**ग्रीष्मावकाश-कालिनं परियोजनाकार्यम्**

**कक्षा - नवमी** **विषयः - संस्कृतम्**

1. "वसुधैव कुटुम्बकम्" इत्यस्योपरि चित्राधारेण लिखत।
2. कवि, किम्, साधु & नदी शब्दस्य रूपाणि त्रिषु वचनेषु क्रियापदेन सह लिखत।
3. सन्धेः, प्रत्ययस्य च चार्ट निर्मायत (पाठ्य चर्यान्तर्गतम्)।

मौखिकः- व्याकरणं पाठ्यांशं, लिखिताभ्यासञ्च सम्यग्व्याख्या कुरुत।

नियमाः -

- I. H.H. Work should be project based.
- II. You can use coloured papers, fabrics and other materials.
- III. The front cover page of the project file should be based on the culture of Assam.
- IV. The back cover page of the project file should be based on the culture of Andhra Pradesh .

# COMPUTER

## Activity no 1

Make a poster in LibreOffice on behalf of a tourism agency of Andhra Pradesh for an upcoming event

- Use different font colours, sizes
- Use of images in different sizes, shapes and colours

## Activity no 2

Make a business card for your new startup with your organisation logo, your name and designation, address, etc.

- Use of different images and font characteristics
- Logo to be of a dimension

## Activity no 3

Make a static blog page on your favourite activity.

- Use of HTML and css

# Andhra Pradesh



**THANKYOU**