GURU GOBIND SINGH PUBLIC SCHOOL, CHAS

CLASS- IX   SUMMER ASSIGNMENT   SUBJECT: ENGLISH

(SESSION :2023 – 24)

PORTFOLIO

PAGE - 1   COVER PAGE – I) NAME OF THE INSTITUTION WITH LOGO

PAGE - 2

 SUBJECT

III) STUDENTS DETAILS :
NAME
CLASS
SECTION
ROLL

   ....

PAGE – 3   CERTIFICATE OF COMPLETION
PAGE - 4   INDEX
PAGE – 5   ASIGNMENT / PROJECT WORK - TOPIC

PROJECT (KEY POINTS TO BE HIGHLIGHTED :

- **Statement of purpose / objectives**
- **Action plan**
- **Materials / Resource required**
- **Questionnaires / survey report**
- **Materials – evidences of research**
- **Actual script assay / report (800 – 1000 word)**
- **Student / group reflection**

PROJECT –1

Compare and contrast the biography of Evelyn Glennie and Bishmillah khan with colourful pictures and explanation.

PROJECT – 2

Art Integrated Project Work:

Design graffiti wall on the culture of Jharkhand and Telangana. "Culture is the characteristics of a particular group of people, defined by everything religion ,language, cuisine, Social habits ,music and art."

The students Have to present the culture of Jharkhand. Students will design his /her material on a separate A4 size Sheet to be put up on graffiti wall In the form of a collage.The graffiti wall should provide details along with pictures And drawings on the following:
- **Cuisine**
- **Festival**
- **Art ,dance and music**
- **Traditional dresses**
- **Language spoken**

(NOTE : PORTFOLIO SHOULD BE MADE AND PROPERLY ARRANGED IN A BOARD FILE)

कक्षा – नवम
विषय – हिन्दी

- o निम्न पाठों के सभी प्रश्नोत्तरों का अभ्यास करें ।
    1. पाठ 1 'दो बैलों की कथा'
    2. पाठ 2 'ल्हासा की ओर'
    3. पाठ 9 'साखियाँ एवं सबद'

- o व्याकरण :
    1. उपसर्ग, प्रत्यय के सभी कार्यों का अभ्यास करें।
    2. कबीरदास, प्रेमचंद, रामवृक्ष बेनीपुरी और महादेवी वर्मा के जीवन परिचय एवं साहित्यिक परिचय लिखकर A4 साइज पेपर पर सचित्र दर्शाएँ ।

- o पत्र लेखन :
    1. औपचारिक - अपने नगर विकास प्राधिकरण के सचिव को अपनी कॉलोनी के विकास के लिए पत्र लिखिए।
    2. अनौपचारिक - वार्षिकोत्सव में पुरस्कार प्राप्ति की प्रसन्नता का वर्णन करते हुए अपने पिताजी को एक पत्र लिखिए।

गुरू गोविंद सिंह पब्लिक स्कूल चास
ग्रीष्मावकाश गृहकार्य 2023
कक्षा- IX

1- प्रथमः एवम् द्वितीयः पाठ से पठित गद्यांश, पद्यांश तथा नाट्यांश को उदाहरित करें ।

2- प्रथमः एवम् द्वितीयः पाठ से सन्धि, समास, प्रकृति-प्रत्यय तथा उपपदविभक्ति के दस-दस उदाहरण प्रस्तुत करें ।

3- उक्त पाठों से दस पदों का चयन कर एक-एक पर्यायवाची शब्द लिखें।

4- किम् शब्द का शब्दरूप तीनों लिङ्गों में लिखकर याद करें ।

5- परियोजना कार्य - प्राकृतिक मनोहारी परिदृश्यों से युक्त आधुनिक उद्यान का चित्र बनाकर संस्कृत में दस वाक्य वनावें ।

" शुभाय अस्तु ते ग्रीष्मावकाशः"

Guru Gobind Singh Public School Chas (Bokaro)
Holiday Home Work
Mathematics

SL.NO	CLASS	ASSIGNMENT	PROJECT/ACTIVITY
1.	IX	Ex.1.1 (Q.no.1,2,3) Ex. 1.3 (Q.no.3,7,8) Ex. 1.6(Q.no 2,5) Ex. 3.3(Q.no. 1,2) Ex.2.4(Q.no 2,3,5) Ex. 2.5(Q.no.2,4,6,11,12)	1. Represent $\sqrt{2}$, $\sqrt{3}$ and $\sqrt{5}$ on number line. 2. Represent $\sqrt{9.6}$ on the number line. 3. Write the definition of polynomials, types of polynomials, degree of polynomials. 4. Write all the algebraic identities. Use only chart paper

Guru Gobind Singh public school Chas

Subject -Physics.   Class -IX.

Summer Holiday Assignment.

Do in project file   (Front page should be printed and contains the following information like- Name of school

Name of project- Graphical representation of motion

Name of student

Class/Section

Roll No

Guide teacher's Name)Graph and writing should be neat and cleaned .

1.   Derive the there equation of motion by graphical method.
2.   (i)Draw the distance- time graph
     (a) Distance- time graph for uniform motion.
     (b) Distance -time graph for non- uniform motion.
        (ii) Draw velocity -time graph
     (a) Velocity-time graph for a body moving with constant velocity.
     (b) Velocity- time graph for uniform acceleated motion.
     (c) Velocity-time graph for non uniform accelerate motion.
             Do in Physics class work copy

(1).An athlete completes two rounds of a circular track 100 m long in 20 seconds. calculate diameter of the track and speed of the athlete, supposed to be uniform.

(2).A car accelerates uniformly from 18 km/hr to 36 km/hr in 5 second. Calculate(i) the acceleration and (ii)the distance covered by the car in that time.

(3).Usha swims in a 90 m long pool. She coveres 180 m in 1 minute by swimming from one end to the other and back along the same straight path. find the average speed and average velocity of Usha.

(4).A car travels along a straight line for first half time with speed 40 km/hr and the second half time with a speed 60 km/hr. find the average speed of the car.

(5).A particle moves 3m due north, then 4 m due east and finally 6 m due south. calculate the distance travelled and the displacement.

(6).A cyclist goes once round a circular track of diameter 105 m in 5 minute. calculate his speed.

(7).An artificial satellite is moving in a circular orbit of radius 42250 km. calculate its speed if it takes 24 hours to revolve around the earth.

     HAPPY HOLIDAY

GURU GOBIND SINGH PUBLIC SCHOOL CHAS

HOLIDAY ASSIGNMENT

CLASS- IX

SUBJECT-CHEMISTRY

Do in physics class work copy

1.Why does the temperature of a substance remain constant during its melting or boiling point?

2.Comment on the following statements:

(a) Evaporation produces cooling.

(b) Rate of evaporation of an aqueous solution decreases with increase in humidity.

(c) Sponge though compressible is a solid.

3.Some substances cannot exist in the gaseous state: others cannot exist in the liquid state, and some cannot exist either in the gaseous or the liquid state.Giving suitable examples justify the above statement.

4.You are provided with a mixture of a naphthalene and sodium chloride by your teacher.Suggest an activity to separate them with well labelled diagram.

5.(a)Tabulate the difference in characteristics of states of matter.

   (b) Comment upon the following: rigidity,compressibility,fluidity, kinetic energy and density.

6.Liquids generally have lower density as compared to solids.But you must have observed that ice floats on water.Find out why?

_____x_____.

GURU GOBIND SINGH PUBLIC SCHOOL , CHAS.

Summer Holiday Assignment 2023-24

Standard : 9   Subject : BIOLOGY

1. Prepare a Detailed Report on

   'GREEN REVOLUTION ' .

2. Click pictures from your surroundings to show

   a) Weed growing alongwith main plant

   b) plant damaged due to insect pest

   c) plant infected from microorganisms

Paste the picture in colour chart part A4 size .

Note :

* All the work should be done in A4 chart paper.

* Make a front page and staple all the papers together.

No need to submit in FILE .

Guru Gobind Singh Public School Chas (Bokaro)
Holiday Home Work
History and civics

SL.NO	CLASS	ASSIGNMENT	PROJECT/ACTIVITY
	IX (History)	*A.On the Stick File* *1.Draw the Various Political Symobls used during the French Revolution* *2. Revise Notes and Ques./Answer*	*Draw the French Map and Locate the following Cities:-* *1.Bordeaux* *2.Nantes* *3. Marseille* *4. Paris*
	IX (Civics)	*3. Write any 4 Points in the favour of Democracy and 4 Points against the Democracy?* *4. Revise Notes of Chapter 1(topic that are Completed)*	

Summer vacation home work

Class : 9   Subject: Economics

Q1. Modern farming method require more inputs which are manufactured in industry. Do you agree? Give reasons.

Q2. How did spread of electricity help farmers of Palampur ?

Q3. Why are the wages of farm labourers in Palampur less than minimum wage?

Q4. Name and explain any three non-farm activities in Palampur.

Q5. Explain the term physical capital. Mention its different types with examples.

Q6. State the importance of growing more than one crop on a piece of land.

Q7. Distinguish between Kharifs and Rabi seasons crops.

Q8. What do you mean by Green Revolution ? what are its benefits ?

Q9. What is the aim of production ? State any four requirements for production.

Q.10. Distinguish between traditional farming methods and modern farming methods.

Q11. How does the chemical fertilisers cause pollution?

Q.12. Why do small farmers borrow money in Palampur ?

Guru Gobind Singh Public School Chas (Bokaro)
Holiday Home Work
Geography

SL. NO	CLASS	ASSIGNMENT	PROJECT/ACTIVITY
1.	IX (Geography)	**In a Stick File:-** **A. On the Political Map Locate the following National Parks:-** 1.Kaziranga National Park 2.Ranthambore National Park 3.Nagarahole Tiger Reserve 4.Bandipur National Park 5.Manas National Park 6.Sanjay Gandhi National Park 7.Rajaji National Park **B . On another Political Map of India locate the following wildlife sanctuary:-** 1.Periyar Wildlife Sanctuary 2.Sariska 3. Kawal 4.Madumalai 5.ChandraPrabha **C . Revise Notes and Question/Answer of Chapter 1(Geography)**	**On the Physical Map of India** **Show the following:-** 1. longitudinal and latitudinal extent of India 2. Tropic of Cancer Passing Indian States 3. Standard Meridian of India

GGPS Chas

Holiday Assignments

Class -IX

Subject-Artificial Intelligence(417)

Do all the questions answers only in school C.W. copy.No extra copy is required.

Write the answers of following questions-

(1) What do you mean by communications ?

(2) What are the different methods of communication ?

(3) Write and explain elements of communications?

(4) What are the 7C's of communications ?

(5) Write and explain components of verbal communication ?

(6) What are the types of verbal communications ?

(7) What are the components of non-verbal communications ?

(8) Define artificial intelligence.

(9) How do AI based machines works different from nrmal machines?

(10) What are the three domains of AI ?

(11) What do you mean by computer vision and Natural Language processing ?

(12) Name the sectors where AI is used .

(13) What is a smart city ?