



**Bal Bharati**  
PUBLIC SCHOOL  
NABINAGAR

# **HOLIDAY HOMEWORK**

**Name**

**Roll No.**

**Class**



**Bal Bharati**  
PUBLIC SCHOOL  
NPGC NABI NAGAR, BIHAR  
CBSE AFFILIATION NO. 330932

### Summer Holiday Assignment

Subject: English

Session: 2023

Class-VIII

1. THE READING & BOOK REVIEW WRITING ACTIVITY: Given below is a list of books. Choose any two of them (Ideally, you must choose one from each genre) and read for pleasure. If you don't find these books you may select any books from the given genre and read them. After you complete reading, write a book review of any two books. Design an interesting and colourful book jacket too giving it the form of a real book. Stick your book review inside the book jacket.

Few books with links from the given genre are as under for your reference:

- The Harry Potter series: <https://shorturl.at/kyY37>
  - Captain Cool: <https://shorturl.at/dmOY5>
  - The Hounds of Baskerville: <https://shorturl.at/frEHY>
  - Journey to the centre of the earth: <https://shorturl.at/wB356>
  - The Hitchhiker's Guide to the Galaxy
  - Collection of 22 short stories by Arvind Gupta
  - The Shiva Trilogy: <https://shorturl.at/fqsMY>
2. POSTER MAKING ACTIVITY: Draw an informative and attractive poster on 'Yoga & Its Benefits' to be displayed on your class notice board. You may use an A4 Sheet for this activity.
3. Prepare a table with 40 synonyms, antonyms, homophones and homographs. Bring it to life and make it appealing. Prepare it on a colourful Chart Paper.
4. CHANGE THE FOLLOWING SENTENCES AS DIRECTED: -
1. The security forces are guarding the borders. (Simple present)
  2. Mother stuffed the mixture into the capsicum and put it in the oven. (Simple future)
  - The creeper grows old. (Present continuous)
  - The painter demonstrated his genius. (Past continuous)
  - I am learning to skate. (Simple future)
  - I will be carrying an umbrella in my bag. (Simple past)
  - They were working in the garage when we arrived. (Future continuous)
  - The milk is tasting a bit sour. (Simple present)
  - The bus left an hour ago. (Future continuous)
  10. Who is writing the script for the play? (Future continuous)
5. Change into passive voice.
- Varun is helping Reshmi
  - J. K. Rowling wrote the Harry Potter novels.
  - Ms. Holly will teach Spanish this year. (Change into passive voice)
  - Manas gave me a gift.
  - Emma will do the decorations for the annual day.

### विषय- हिंदी

- हरिशंकर परसाई/हजारीप्रसाद द्विवेदी की कोई एक कहानी पढ़ें एवं अपने पसंदीदा पात्र के बारे में लिखें।
- कृत्रिम बुद्धिमत्ता (Artificial Intelligence) के आ जाने से लोगों पर क्या असर पड़ा है? अपने विचार प्रस्तुत कीजिए।
- आपने पाठ- 'बस की यात्रा' पढ़ा है। किसी देश की तरक्की में यातायात के साधनों का क्या योगदान है? लिखिए।
- अगर आप बदलू की जगह होते तो क्या करते? विस्तार से लिखिए।
- भारत जैसे विशाल जनसंख्यावाले देश के लिए 'वोकल फॉर लोकल (Vocal For Local)' अथवा 'मेक इन इंडिया (Make in India)' जैसी योजनाएँ क्यों महत्वपूर्ण हैं?

6. अगर ' बस की यात्रा' की बस बोलने लगती तो वह अपनी क्या कहानी बताती ? उसी के शब्दों में लिखिए ।
7. कविता-'दीवानों की हस्ती' को अपनी बोलीअथवा मातृभाषा में अनुवाद करके लिखिए ।
8. हिंदी की पाँचों उपभाषाओं तथा उनकी 17 बोलियों की सारणी बनाइए ।
9. कक्षा- पत्रिका के लिए कोई एक कहानी/कविता/चुटकुला/तथ्य-संग्रह लिखिए ।
10. लेख सुधार के लिए प्रतिदिन एक पृष्ठ सुलेख लिखिए ।

परियोजना कार्य - ग्रीष्मावकाश के दौरान जूही चावला व शबाना आज़मी अभिनीत फिल्म -'चॉक-डस्टर' देखिए तथा संक्षेप में अपने विचार लिखिए । जैसे - फिल्म कैसी लगी, फिल्म का विषय क्या है, गीत-संगीत कैसा है, अब कौन कौन-से बदलाव आए हैं आदि ।

### Sub-Mathematics

1. Write any three rules of Vedic maths with 2 examples each.
2.  $\frac{7}{11}$  of all the money in Hamid's bank account is Rs. 77,000. How much money does Hamid have in his bank account?
3. On a winter day the temperature at a place in Himachal Pradesh was  $-16^{\circ}\text{C}$ . Convert it in degree Fahrenheit ( $^{\circ}\text{F}$ ) by using the formula.  $\frac{C}{5} = \frac{F-32}{9}$ .
4. Find the sum of additive inverse and multiplicative inverse of 7.
5. One fruit salad recipe requires  $\frac{1}{2}$  cup of sugar. Another recipe for the same fruit salad requires 2 tablespoons of sugar. If 1 tablespoon is equivalent to  $\frac{1}{16}$  cup, how much more sugar does the first recipe require?
6.  $\frac{1}{6}$  of the class students are above average,  $\frac{1}{4}$  are average and rest are below average. If there are 48 students in all, how many students are below average in the class?
7.  $\frac{2}{5}$  of total number of students of a school come by car while  $\frac{1}{4}$  of students come by bus to school. All the other students walk to school of which  $\frac{1}{3}$  walk on their own and the rest are escorted by their parents. If 224 students come to school walking on their own, how many students study in that school?
8. Give one example each to show that the rational numbers are closed under addition, subtraction and multiplication. Are rational numbers closed under division? Give two examples in support of your answer.
9. Solve  $\frac{x-5}{2} = \frac{2x-3}{7}$
10. Solve  $1 - \frac{5x-1}{3} = x - \frac{x-1}{2}$

### Activity

#### Activity 1

1. Motera Cricket Stadium is world's largest cricket stadium. Find out its area in hectares and square meters. Also find its capacity. Find out the names of the second and third largest cricket stadium in the world. Write down their area (in hectares as well as in square meters) and the capacity. Represent the data (area on a bar graph). Mark the names of the stadium on x - axis and the area on y - axis

#### 2. Activity 2

Measure yourself (Estimate & measure using ruler & complete the tables mentioned in the link given below, you can also copy the table in your notebook and complete the same.) <https://www.mathsisfun.com/activity/personal-measures.html>

### SUBJECT: SCIENCE

1. What are the various uses of petroleum products in our daily lives? Give examples.
2. What are the different methods of irrigation? Explain any two of them.
3. What are the alternative sources of energy? How are they different from fossil fuels?
4. What is the impact of coal mining on the environment and human health? What are the measures taken to reduce this impact?
5. How can we conserve coal and petroleum resources for future generations?
6. What is combustion? What are the conditions necessary for combustion to occur?

- What is a flame? How is it formed? What are the different types of flames?
- What is storage? Why is it necessary? Explain the different methods of storing food grains.
- What is the difference between incomplete and complete combustion? Give examples.
- With a diagram explain the different layers of a flame.

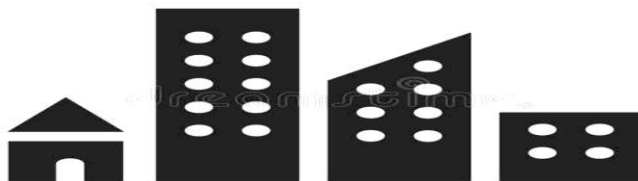
### **PROJECT/ACTIVITY WORK (ANY TWO)**

- Design a poster highlighting **Energy Conservation** tips you would take for the conserving the energy.
- Fire Safety Measures** - Students can research and prepare a report with supporting pictures on fire safety measures, such as fire extinguishers, smoke detectors, and fire exits. They can also design a fire safety plan for their school or home.
- Students must watch the movie "MOTHER INDIA" and try to understand the agricultural processes showing in this movie. Write a report on those agricultural processes.

### **SUBJECT: SOCIAL SCIENCE**

#### **Enrichment Activity/Project:**

<b>Objectives</b>	The overall objective of the project work is to create Self-reflect on values and attitudes on the community and the impact our currently have on it. Develop a simple plan of action to begin to create change in your local community.		
<b>Task</b>	<b>Enrichment Activity/Project guidelines-</b> <b>Sustainable Development Goal :- Sustainable Cities and Communities.</b> Make a model on Sustainable City showing use of Solar Energy,Rainwater harvesting, Conservation of resources etc. <ul style="list-style-type: none"> <li>The model should contain an organic farm depicting various practices of organic farming.</li> <li>The model designing should include the concepts of symmetry, 3-D shapes, congruency of figures and any other mathematical concept.</li> <li>Write a diary entry in about 150-200 words documenting your exploration and learning experiences gained during the creation of the model.</li> </ul>		
<b>Date and Mode of submission:</b>	To be submitted once the school commences after the vacation.		
<b>Rubrics for Enrichment Activity/Project</b>	Content accuracy, originality and collaborative skills	2	
	Competencies exhibited and Presentation	2	
	Viva	1	



#### **Section: B**

#### **Objective questions:**

- What is a Survey? Give examples of different types of surveys conducted.
- Explain the conditions that led to the establishment of the East India Company.
- What led to battles between trading companies?

4. How was the East India Company beginning trade in Bengal?
5. Mention the factors on which distribution of resources depends.
6. Write down some measures to conserve natural vegetation and wildlife.
7. How can we stop soil degradation?
8. What do you understand by "equality before law" and "equal protection of law"?
9. Why untouchability is regarded as a social evil?
10. What are the main features of secularism in India?

### विषय : संस्कृत

1. किंही पाँच सुभाषितानि को अर्थ सहित लिखिए ।
2. समाचार पत्रों से संस्कृत से सम्बन्धित 5 समाचारों को चार्ट पर चिपकाइए ।
3. संस्कृत के वर्णों को लिखकर उनके स्पर्श आदि विभाग कीजिए ।
4. संस्कृत के वर्णों को लिखकर उनके उच्चारण स्थान को लिखिए ।
5. तत् तथा किम् शब्दरूप लिखकर उन्हें याद करें ।
6. चल् तथा हस् धातुरूप पाँचों लकार में लिखकर याद कीजिए ।
7. संस्कृत में 80 तक संख्या लिखकर याद कीजिए ।
8. स्वर संधि को उदाहरण तथा भेद सहित लिखिए ।
9. स्वर संधि के नामों से 5 बुकमार्क बनाइए ।
10. चाणक्य नीति के किंही 5 श्लोको को अर्थ सहित लिखकर कण्ठस्थ कीजिए ।

### SUBJECT-COMPUTER

#### Q1. Answer the following questions.

- I. What is a computer network?
- II. What are the advantages of using a computer network?
- III. What is the purpose of a network protocol?
- IV. What is a LAN and WAN network?
- V. What is the difference between a switch and a router?
- VI. What is a firewall, and why is it important in network security?
- VII. What is a VPN, and how does it work?
- VIII. What are the types of network topologies?
- IX. What is the difference between a client-server and peer-to-peer network?
- X. Write a short note on WIFI.

#### ACTIVITY/PROJECT WORK: -

- I) Tech Inventor-Make 3D glass.
- II) Make a poster on GPS system in chart paper.

### SUBJECT: ART

- ❖ Make a sculpture with clay or wheat flour dough.