



**Bal Bharati**  
PUBLIC SCHOOL  
NAVI MUMBAI

## **SUMMER HOLIDAY HOMEWORK 2023-24**

### **CLASS 9**

**Theme: One Earth, One Family, One Future**

**Last day of submission(All Subjects) :** As per the dates given by the subject teacher.

India assumed the presidency of the G20 forum for the year 2023, taking over from Indonesia. As the largest democracy in the world, and the fastest growing economy, India's G20 presidency will play a crucial role in building upon the significant achievements of the previous 17 presidencies. As it takes the G20 Presidency, India is on a mission to bring about a shared global future for all through the Amrit Kaal initiative with a focus on the LiFE movement which aims to promote environmentally-conscious practices and a sustainable way of living. With a clear plan and a development-oriented approach, India aims to promote a rules-based order, peace and just growth for all.

Vasudhaiva Kutumbakam, which translates to "**One Earth, One Family, One Future**," is the theme of India's G20 presidency.

### **ENGLISH**



A bird feeder is a beautiful way to connect with the Earth and admire the beauty of nature. By putting up a feeder especially in the summer season, you can help the sustainability of the birds, improve their health and maintain a stability in their population. Thus giving them their share of space in our Earth, and considering them as part of our Family!!

Therefore, prepare a simple, and portable bird feeder using the materials available at home. Write a descriptive paragraph in about 100-120 words on "The USP (Unique Selling Proposition) of my Bird Feeder" in an A4 size paper.



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You can refer to the following links which will help you in preparing your bird feeder:

<https://youtu.be/9DKzHucqY1I>

[https://youtu.be/jUubxy\\_sJQ](https://youtu.be/jUubxy_sJQ)

<https://youtu.be/esV7gccmV5w>

Submission:

1. Model of the bird feeder
2. Descriptive paragraph in an A4 size paper

### **MATHEMATICS**

Discuss with your friends and family about India's path-breaking digital payments platform, addressed at the inaugural session of the first finance ministers and central bank governors meeting of the G20 under India's presidency.

Observe a pictorial representation of global digital payment. Which country has the world's most digital payment?

Identify the top 5 payment gateways around the world and in India.

Which payment methods were used by you or your family to pay for online and offline expenditures in the past week? Draw a pie chart / bar graph to represent the data.

**Note:** Submit handwritten Project on A4 size sheets compiled in a file.

### **SCIENCE**

Prepare a chart on the topics given below as per your Roll Numbers.

1. Technology in Agricultural farming. (R. No. 1 to 16)
2. Space and Technology in India (R. No. 17 to 32)
3. States of matter and Structure Of Atom (R. No. 33 to 48)



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#### **SOCIAL SCIENCE**

We need to live in harmony with nature. It's not nature that kills people but its careless and conquering nature - the approach of people that converts the places into concrete jungle that threatens life. This can be visualized through the recent experiences in Joshimath and Mumbai.

Make a project of disaster management any one of the below given topics:

#### **Sinking Joshimath OR Heatwaves in Mumbai**

1. Support your project with given guidelines:

**Introduction of the places-Location, Type of disaster, Reasons for disaster, its adverse effects, Mitigation strategies to avert such disasters.**

**Instructions:** Handwritten Project · A4 size sheets 9-10 pages (Sequence to be followed) ·

- a. Cover page (a template with a slogan on the given topic, school name and logo, students name, class, roll no.)
- b. Certificate
- c. Acknowledgement
- d. Index
- e. Introduction
- f. Content with Illustrations (collage with slogans)
- g. Conclusions
- h. Bibliography.

#### **HINDI**

जी 20 समूह क्या है? इसमें भारत की निर्धारित भूमिका स्पष्ट करते हुए सचित्र जानकारी ए 4 साइज़ पेपर पर तैयार कीजिए ।

#### **MARATHI**

विश्वबंधुत्व संकल्पनेवर आधारित विविध देशांचे पारंपारिक पोशाखातील फोटो संकलित करा. विश्वबंधुता संकल्पनेविषयी तुमचे विचार मांडा. (A4 Size Paper)



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#### **SANSKRIT**

(वसुधैव कुटुम्बकम्) इति विषयमधिकृत्य दशवाक्यानि संस्कृते लिखत। चित्रमेकं अपेक्षितं इत्यत्र। (USE A4 SIZE SHEET)

#### **COMPUTER**

1. Create 3 artistic model of AI device/ Robots using softboard/Sponge/Clay on the following guidelines.
  1. An AI/Robot used at most of the homes today. (One Family)
  2. A Robot/AI device used at global level (Hospitals/ Army etc.) (One Earth)
  3. A futuristic AI Device model, you would like to use.(One Future)
2. Give 3 different names to all the 3 different models created.
3. Stick the names on the model
4. Let each model hold a placard / standee/ flag mentioning, in a sentence the work they do.
5. Click a picture of them and post it in the form link provided.

Google form link to upload the assignment.

<https://forms.gle/ppxwKtsK6KpGvPvL9>

**ART :** Prepare a Poster on A3 Size Paper on Theme “One Earth, One Family, One Future” and color it with Poster Colour giving it a suitable title.

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Ms. Kalpana Dwivedi

Principal, BBPS Navi Mumbai