



**Bal Bharati**  
PUBLIC SCHOOL  
NAVI MUMBAI

**SUMMER HOLIDAY HOMEWORK 2023-24**  
**CLASS 12**

**Theme:** Art Integration / Journal Work

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

**ENGLISH:**

Art Integrated Projects

1. PPT ( 7-8 slides) on Bangle Making Industry ( Lost Spring)
2. Photography ( 4-5 pictures of Nature) (A Thing of Beauty)
3. Flyer/ Brochure ( 1 A 4 size sheet) on Meditation ( Keeping Quiet)
4. Drawing/Painting ( Cover Page 1 sheet) My Mother at Sixty-six)

**MATHEMATICS:**

Solve questions attached in following link

<https://drive.google.com/file/d/1bpt3ccQrB8leBtE5djiDCoR6LwPUE4i5/view?usp=sharing>

1. Art integrated Project on Relations and Functions
2. Mathematics Journal activity : i) Equivalence relations.  
ii) One-one and onto function.

**APPLIED MATHEMATICS:**

1.Solve questions attached in following link

<https://drive.google.com/file/d/1FnBKXYrz0oW3pY>

2. Art integrated project on Matrices

**PSYCHOLOGY:**

Project Work - Development of case profile: Using appropriate methods like interview, observation & psychological tests.

## **PHYSICAL EDUCATION**

### **Journal and Project work**

**JOURNAL-** SAI KHELO INDIA TEST( as discussed in class).

Practical 2 - Yoga Asanas any two from each lifestyle disease along with your own pictures while performing the asanas.

Project Work- One game of your choice

\*History, Terminologies, Rules of the game, latest changes in rules, Official signals, Training Equipment, Common Injury, Important Tournaments and venues, Invitational tournament, Indian Men & Women, List of Arjuna Awardees, Bibliography.

## **CHEMISTRY**

### **1. Journal**

Complete all the 4 experiments in the journal neatly, as discussed in class.

### **2. Investigatory Project**

Prepare a rough draft of the investigatory project. Topic should be related to Class 12 Chemistry syllabus.

### **3. Art Integration (Any one activity can be selected from the list given below)**

- a. **3D structure of an organic compound** from your syllabus using clay Or araldite and write a small explanation.
- b. Chemistry **Jewellery making** (Biomolecule topic can be taken or any other)
- c. **Story writing** - Fiction based on chemistry.
- d. Compose **rap song** on chemistry topic and record.

## **PHYSICS:**

### **Journal and Investigatory Project**

Complete all 8 experiments in the journal neatly, as discussed in class.

Prepare a rough draft of the investigatory project. Topic should be related to Class 12 Physics syllabus.

## **ECONOMICS:**

1. Create a video on any one of the topics : ‘Circular Flow of National Income’ OR ‘Three Phases of Income’. (Time- 2 mins)
2. E- Poster on steps taken by the local Government to create awareness for Sustainable Environment.
3. Annual Project- Rough draft of the selected topic for Economics Project work.

**Note:** Hard copy of the rough annual project to be submitted on or before 18th July for correction.

## **ACCOUNTANCY :**

### **Part -B**

Prepare the following topics:

1. Financial statement of a company
2. Financial statement Analysis
3. Comparative Statement and Common size statement

Solve all unsolved questions of the above chapters in the notebook and submit on or before 18th June,2023

### **Accountancy Project work**

Project work – Collect the following (print out)

- 1.Select a company and its history (Company following Companies Act)
- 2.Company's Financial statement (vertical Balance sheet and Profit and Loss) related to a year (12 months' detail) 31.3.2022 and 2023,
- 3.Segments of the company from notes to accounts AS 17, (only one page)
- 4.Notes to Accounts for 31.3.2023 (whatever is required for calculation)
- 5.Cash Flow Statement related to minimum 4 financial years- 31.3.2023, 2022, 2021, 2020 and 2019. (within one page)

The Company selected by one student should not be repeated.

## **BUSINESS STUDIES:**

Art Integration :

- 1.PPT - Elements of Business Environment.
- 2.Designing through photoshop/any other App - Maslow's Hierarchy of needs.
- 3.Brochure/Flyer - Any Business.
- 4.Infographic - Principles of management.
- 5.Photography - Levels of management with photos of people belonging to different levels of management.

Annual Project :

Rough draft of the selected topic for Business studies Project work.

## **HISTORY**

Project Work: As per discussion in the class Choose a topic from CBSE site and complete the investigation and collection of Data for the chosen topic.

## **COMPUTER SCIENCE**

1. Solve worksheets for chapter 1 and 2 (Revision Tour of Python)
2. Decide the topic and prepare an outline of the project with functions defined along with the main program.

### **Art Integrated activity:**

1. Prepare a brochure on various forms of Transmission Media (guided or unguided media). Not more than 4 pages
2. Click four photographs on the topic- “Stacks in Daily Life”

## **MASS MEDIA STUDIES**

1. Select the topic for your final board project - (audio visual of 3 to 4 mins duration.)

Prepare a detailed synopsis, execution plan and storyboard for the same.

Follow the guidelines provided in class.

2. Design the cover page for your MMS Text book.

## **BIOLOGY:**

### **Journal and Investigatory Project**

1. Complete all the 12 experiments in the journal neatly along with diagrams, as discussed in class.
2. Prepare a rough draft of the investigatory project. The topic should be related to the Class 12 Biology syllabus.

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Ms. Kalpana Dwivedi

Principal, BBPS Navi Mumbai