



**SUMMER HOLIDAY HOMEWORK 2024-25**  
**CLASS 12**

**Last date of submission (All Subjects) : 14/06/2024**

**ENGLISH:**

1. **Investigatory Project** for AISSCE 2025 Board Examination to be compiled, as per instructions given in the classroom. Submission date is 20.06.2024.
2. Read the chapter The Tiger King (Vistas). Frame 10 questions of it, in loose ruled sheets for submission. (Excluding the questions already given in the text)
3. **Art Integration Projects** - (As per the Roll Nos. given in class):
  - Group A - Painting/Drawing/Digital Cover Page for My Mother at Sixty- Six.
  - Group B - Click 7-8 pictures of beauties of Nature
  - Group C - PPT 7-8 Slides on Bangle Making Industry in Firozabad  
(Submission date of the same will be announced in June 2024.)

**PHYSICS:**

1. **Practical Journal completion**  
Complete all 8 experiments neatly in the journal as discussed. For the first two experiments, table, calculations and result to be completed.
2. **Investigatory Project**  
Prepare a rough draft of the investigatory project. Topic should be related to Class 12 Physics Syllabus.
3. **Art Integration activity**  
Make a document/Flyer on Chapter Atoms, giving importance to the different atomic models proposed by Thomson, Rutherford and Bohr.

**CHEMISTRY**

1. **Journal**  
Complete all the 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

- 3D structure of an organic compound** from your syllabus using clay Or araldite and write a small explanation.
- Prepare 20 name reaction cards ( handy notes for reference)
- Make a table calendar for cation and anion detection based on the 5 salts in the syllabus.

### **BIOLOGY:**

#### **Journal and Investigatory Project**

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

### **MATHEMATICS:**

- Maths Activity on equivalence relation.
- Math activity on non equivalence relation.
- Maths Activity on one to one but not onto function.
- Complete Miscellaneous exercise and examples of Matrices ,Determinants ,Relations and Functions and Problems given in the link given.

<https://drive.google.com/drive/u/1/home>

### **APPLIED MATHEMATICS**

Prepare a project file on any one of the topics listed in the CBSE curriculum for the session 2024-25.

### **ACCOUNTANCY :**

#### **Part -B Book**

Prepare the following topics:

- Financial statement of a company
- Financial statement Analysis
- Comparative Statement and Common size statement.
- Common Size Statement

Solve in the notebook all unsolved questions of the above chapters and submit on or before 8th June,2024

- Test on the above chapters on 8th June,2024



**Accountancy project work:**

Collect the following (print out)

1. Select a company (different for each student) 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 for 2 years) 31.3.2023 and 2024,
3. Segments of the company from notes to accounts AS check 17 to 28, (only one page for 2 years)
4. Notes to Accounts for 31.3.2024 (whatever is required for calculation only)
5. Cash Flow Statement related to minimum 4 financial years- 31.3.2024, 2023, 2022, 2021 and 2020. (with in one page)

**BUSINESS STUDIES:**

1. Notebook submission on 5<sup>th</sup> June, 2024 with headings and keywords.
2. Test on the completed topics on 6th June,2024

**Art Integration:**

1. PPT – Sales promotion techniques.
2. Designing through photoshop /any other App – Logo and tag line of your imaginary business.
3. Brochure/Flyer – Money market.
4. Infographic – Types of leadership.
5. Photography - Levels of management with photos of people belonging to different levels of Management.

**CBSE Project :**

Completion of the selected topic for Business studies Project work.

**ECONOMICS:**

1. Solve Miscellaneous Practicals from Chapter-4 - Q33 to Q82 (page no. 4.113 - 4.131 of National Income )
2. Annual Project to be completed.
3. Collect information on Handloom industries of Uttar Pradesh-Varanasi, Maharashtra and Khadi and Village Industries Commission of India.

**HISTORY:**

Prepare a project draft on a topic suggested on CBSE site as per the discussion done in the class.



### **PSYCHOLOGY:**

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

### **PHYSICAL EDUCATION-**

1. **Investigatory Project** on Games & Sports.
2. **Journal** to be completed as discussed in class.
3. Design a **brochure/ Template** to organize a **State Level Volleyball Tournament** with all the required specifications.
4. Do the Practice of Yogic Asanas and paste your own pictures in the journal.

### **COMPUTER SCIENCE**

1. Complete your project using 'File Handling' concepts along with functions. Program should store data in file along with following operations to manipulate.
  - a. Add new record
  - b. Update an existing record
  - c. Search for a record (based on a criteria)
  - d. Delete a record (should be added to an archive file)
2. Journal programs based on chapters : Python Revision, Functions and File Handling
3. Art Integrated Activity (to be uploaded in Google classroom under the different assignments)
  - a. Brochure on different types of transmission media (wired and wireless)
  - b. Infographics on different types of files available to store data in Python along with their merits and demerits.
  - c. Photography- 3 images of Stacks used in daily life around you to be clicked and added to a word file.

### **MASS MEDIA STUDIES -**

1. Attempt the worksheet based on Unit 1 in your notebook. (Worksheet has been posted in the Google classroom)
2. Create a commercial advertisement of max 30 sec duration. Use any software for editing the video. The advertisement should be posted in the classroom.
3. On the basis of your knowledge of the production process, prepare a well researched Audio-visual (non fiction) of not more than 3 to 4 minutes.
  - Follow the guidelines provided in the class. Get your basic idea and brief execution plan approved before starting the shooting.



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- You may conduct an interview, present a survey, talk about matters that are close to your heart.
- Your creativity and out of box thinking shall be appreciated. Basic editing tools may be used to edit the footage.

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