



Bal Bharati
PUBLIC SCHOOL
NAVI MUMBAI

SUMMER HOLIDAY HOMEWORK 2023-24

CLASS 11

Theme: Art Integration

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 King Tut's Life) (Discovering Tut: the saga..)
2. Drawing/Painting (1 A 4 size sheet on Life Cycle of Rain)
(The Voice of Rain)
3. Photography (4-5 pictures of Nature) (The Laburnum Top)
4. Sketching/Drawing/Painting/Digital (Cover Page 1 A 4 size sheet)
(The Portrait of a Lady)

MATHEMATICS:

Art Integrated Projects

1. PPT on different types of sets.
2. Drawing /painting of sets and its representations.
3. Poster Making on Intervals of Real Numbers .
4. Activity on Demorgan's Law Using Venn Diagram

APPLIED MATHEMATICS

Prepare Infographics on the topic “Sets and Types of Sets” using Canva or any suitable design application.

PSYCHOLOGY:

Art Integrated Projects :

1. PPT (**10 slides** on Piaget's theory of cognitive development)
2. Flow chart making on Types of Memory
3. Drawing /Painting / sketching 1 **A4 size sheet** (on Ivan Pavlov's experiment or B.F Skinner Box experiment)
4. Photography : Pictures covering entire life span development

PHYSICAL EDUCATION-

Journal Work-

Practical 1: 400 m Track & Field computation and pictorial representation.

Practical 2: Changing Trends & Career in sports- Playing Surfaces, Equipment, Wearable Gears & Technological advancement in **sports**.

CHEMISTRY

Art Integrated Projects

1. PPT on Atom Model (Thomson/Rutherford/Bohr)
2. Poster (A-3 paper) on Application of Redox Reaction in Daily Life.
3. 3-D Model Making of any Hydrocarbon molecule.
4. Chart Making (Properties of Elements present in Group 1/Group 2/Group 16/ Group 17 of Modern Periodic Table)

PHYSICS:

1. Complete the entries of four experiments in the physics journal. [Write **theory part** (aim, apparatus, theory, procedure, formula, conclusion, precautions(any 3) and sources of error (any 3)) on the RIGHT hand side and **Experimental part** (diagram, graphs, observations, observation table and calculations) on the LEFT hand side **with Pencil**.]
2. Solve the Practice worksheet shared in class group.

ECONOMICS:

Project Work

1. Solar Energy, a Cost-Effective Comparison with Conventional Energy Sources
2. Bumper Production- Boon or Bane for the Farmer
3. Study the income of 10 household through designing a questionnaire and collection of primary data

4. Prepare a report on startups success in India through use of statistical data from statistical tables published in News paper/ RBI Bulletin/ Budget / Census report/Economic Surveys etc.

Art Integrated activity

Make a PowerPoint Presentation on the topic - Compare the contribution made by the three sectors of the economy towards India's GDP

ACCOUNTANCY :

Art Integrated Projects (any 3)

1. PPT (**5 or more slides** on Introduction to Accounting from 18th century to till today)
2. Flow chart making on types of business.
3. Flyers **or** brochure (logo and tagline about your imaginary business)
4. **Photography** : Pictures covering GST with different % on 6 different products **or** 3-D Model Making related to GST rates on services in India
5. Chart Making **or** collage related to court cases published in newspapers regarding auction bid of property of an insolvent proprietor or partners.
6. Drawing /Painting / sketching 1 A4 size sheet (share certificate).

BUSINESS STUDIES:

Any three activity can be selected from the list given below for “Art Integration”

Art Integrated Projects :

- 1.Ppt /slideshow : Chapter 1 (**any 1 topic**)
- 2.Designing through photoshop/other App : Logo of a Business.
- 3.Brochure/Flyer : Any Business.
- 4.Infographic : Importance of Business/Features of Business.
- 5.Photography : Types of Stores.

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

Art Integrated Activity:

Create an animation depicting the working and co-ordination of various parts of mobile system organization.

MASS MEDIA STUDIES -

1. Prepare a handwritten Photo essay on **Myself** as per the guidelines provided in class. Use not more than 6 A4 size pages. (maximum 2 pics are allowed)
2. **Thematic Photography** - Select a colour of your choice. Click 6 to 8 pictures of that colour. Write suitable captions for the same in not more than two lines for each photograph. (Use word document or google sheets to compile this task)
3. Submission date of both the assignments is 19 June 2023.

BIOLOGY:

Art Integrated Projects:

Any one activity can be selected from the list given below for “Art Integration in Biology”; and submit your work as a hard copy. Activity can be done by 2 or 3 students in a group , but submission of work is individual.

1. **Infographic Making:** To create an Interactive 3D infographic using Tinkercad software to show the structure of DNA or RNA/ Biomolecules and convert it to a video explaining the structure conferring stability/ using any relevant information.
2. **Cartooning:** To create a cartoon using any app showing- (you can choose any topic of your Biology Textbook).
3. **Sketching/Painting:** To draw/compare and contrast Biological Classification/Plant or Animal Kingdom plants using Hula hoop Venn diagram. This can be used in bulletin board of Biology lab.
4. **Flyer/Brochure:** To create a flyer showing “Human Physiology”

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Ms. Kalpana Dwivedi

Principal, BBPS Navi Mumbai