



**BHAGIRATH PUBLIC SCHOOL  
HOLIDAY HOMEWORK  
CLASS XI A2**

**ENGLISH**

- 1. Research on the Egyptians civilizations –with particular reference to Tut’s Mummy and its discovery and Stick pictures.**
- 2. Write an article from English newspaper daily and paste a picture of that particular article in a separate register.**
- 3. Research on sailing terminology and parts of a boat and gather information about Isle Amsterdam and make a file .**

## CHEMSITRY

Define the following TOPICS BY WORKING MODEL OR CHART-

1. Scientific investigations involving laboratory testing and collecting information from other sources. A few suggested Projects.
2. Checking the bacterial contamination in drinking water by testing sulphide ion.
3. Study of the methods of purification of water • Testing the hardness, presence of Iron, Fluoride, Chloride, etc. depending upon the regional variation in drinking water and study of causes of presence of these ions above permissible limit (if any).
4. Investigation of the foaming capacity of different washing soaps and the effect of addition of Sodium carbonate on it.
5. Study the acidity of different samples of tea leaves.
6. Determination of the rate of evaporation of different liquids Study the effect of acids and bases on the tensile strength of fibers.
7. Study of acidity of fruit and vegetable juices. Note: Any other

## PHYSICS

1. MAKE A PROJECT FILE ON THE SELECTED TOPIC (ANY 1 TOPIC).

[ GRAVITATION , THERMODYNAMICS , LAWS OF MOTION  
REFRACTION , WORK AND ENERGY ]

NOTE – USE THIS LINK TO MAKE PROJECT FILE ON THE SELECTED TOPIC.

[https://youtube.com/shorts/qD6As9\\_a2gk?si=Krpswu4UcUVY1cO1](https://youtube.com/shorts/qD6As9_a2gk?si=Krpswu4UcUVY1cO1)

2. WRITE ALL THE EXPERIMENTS IN YOUR PRACTICAL LAB MANUAL.

3. MAKE A SAPERATE NOTEBOOK AND WRITE ALL THE IMPORTANT DIMENSIONS,  
DERIVATIONS AND FORMULAS BASED NUMARICALS OF CHAPTERS ARE COMPLETED IN  
CLASS.

## Biology

1. Make an investigatory project file on any one selected topic

A. Plant Kingdom

B-Cell Cycle and Cell diversity

2. Make a chart of a Plant and Animal cell and make any five cell organelles separately and mention 2 functions of each cell organelles

3. Write the experiment no. A-1(a), A-2(a), A-2(b), A-7), A-2(d), A-3 A-4, 4-6, A-7 A-8 from lac manual into your practical notebook.

## COMMERCIAL ARTS

Students need to prepare 5 paintings on aA2 size paper based on the below mentioned topics:-

1. Illusion art
2. Festival
3. Caricature
4. Modern art
5. Daily Life Composition

## हिन्दी

1. भक्ति काल के विषय में खोज करके लिखिए।
  2. भक्ति काल के कवियों के नाम लिखिए तथा किन्हीं दो कवियों का जीवन परिचय देते हुए उनकी दो-दो रचनाएँ लिखिए।
- \* कार्य रचनात्मक रूप से तथा चित्र बनाकर या चिपकाकर A4 सीट पर करें तथा फाइल बनाते हुए पूर्ण करें।
  - \*फाइल को कवर चढ़ा कर अच्छे से सजाए।
  - \*पहले पृष्ठ पर अपना परिचय हिंदी में दें।
  - \*कार्य को रचनात्मक ढंग से पूर्ण करने के लिए दिए गए स्रोतों की मदद ले-

[https://youtu.be/wm\\_Q8ViTyIM?si=vbM90qr\\_LCaZkj\\_u](https://youtu.be/wm_Q8ViTyIM?si=vbM90qr_LCaZkj_u)  
[https://youtu.be/sgxFSKvPaXE?si=XJD0T2d3\\_kB8pdZf](https://youtu.be/sgxFSKvPaXE?si=XJD0T2d3_kB8pdZf)