



**BRIGADIER KHUDA  
BAKSH MEMORIAL HR  
SEC. SCHOOL**



**HOLIDAYS HOME WORK**

**(Session 2022-23)**

**CLASS: X**

## **ENGLISH**

**Q1. Write different articles like self composed poems, reports on excursion, story writing, and diary entries etc. for school magazine.**

**Where to do it :On an A-4 size sheet**

**2. Draw a character Sketch of any of the following:**

**1 Martin Luther King Jr.**

**2 Nelson Mandela**

**3 M.k Gandhi**

**4 Rabindranath Tagore**

**Where to do it :A4 size sheet**

**Q3. Design your own newspaper**

**1 Facts and figures of English language**

**2 Creative corner**

**3 Quotes – by famous poets with their name.**

**4 Entertainment**

**5. Games based on tenses, verbs, prepositions or conjunctions.**

**Where to do it A-4size sheets (5 pages)**

## MATHEMATICS

**Q.NO.1: (i) Evaluation in various civilizations.**

**(ii) Requirement of zero**

**(iii) Importance of zero**

### ACTIVITIES:

**Do any activity by tossing 3 coins simultaneously space and draw a sample on A4 sheet and prove that**

**(i)  $\sin^2\theta + \cos^2\theta = 1$**

**(ii)  $\sin^2\theta = 1 + \tan^2\theta$**

**(iii)  $\operatorname{cosec}^2\theta = 1 + \cot^2\theta$**

## **SOCIAL STUDIES**

### **History**

- *Trace out the growth of women making out their way against all odds. [featuring women like Kamala Harriss, Madhuri puri buch, Gita Gopinathan, etc]*

### **Geography**

- *Prepare a project on the agriculture sector with a special focus on soils of India, major areas where wheat and rice are cultivated, and contributions of cotton and jute.*

### **Civics**

- *Find and trace the government schemes that are working for the upliftment of society .[at least 5]*

### **Economics**

- *Make a list of the GDP projections by domestic and international agencies.*
- *Discuss the following: GDP, GDP Deflator.*

- ❖ *This is to be done in a separate file.*
- ❖ *Complete it positively as it carries 10 marks.*

# Science

## Physics

**Q1. Make a Power Point presentation On Light**

**Guideline:**

- 1. The presentation should be of 7-8 slides**
- 2. Slide one – Name of the School , subject ,name of the student ,class and section.**
- 3 Slide two- Introduction of your topic**
- 4 Slide 3- to 7-Content**
- 5.. Last slide – Acknowledgement (It's a must)**

**The slides should contain the following information :**

- (1) Introduction Of Chapter**
- (2) Spherical mirrors and lens**
- (3) Illustrations (paste pictures/make collage)**
- (4) Lens formula .**

## CHEMISTRY

**ATIVITIES:**

- 1. Gather information about various energy sources and how each one affects the environment.**
- 2. Consider the various options we have when we choose a fuel for cooking our food.**

**3. What are the criteria you would consider when trying to categorise something as a good fuel?**

**Would your choice be different if you lived**

**(a) in a forest?      (b) in a remote mountain village or small island?**

**(c) in New Delhi?      (d) lived five centuries ago?**

**How are the factors different in each case?**

## **BIOLOGY**

**1. Prepare a report on Ten Biologists along with their inventions.**

### **2. ACTIVITIES:**

**(a) Chlorophyll is necessary for photosynthesis.**

**(b) Compare the hereditary features of the people living in your surrounding including your family, by making collage.**

**3. DRAW THE FOLLOWING DIAGRAMS ON DRAWING PAD/ BOOK TO IMPROVE YOUR DRAWING.**

**HUMAN HEART**

**HUMAN BRAIN**

**HUMAN DIGESTIVE SYSTEM.**

**HUMAN RESPIRATORY SYSTEM**

**HUMAN EXCRETORY SYSTEM**

جماعتِ دسویں  
مضمون اُردو

حقیقہ نثر  
اُحیاء کی حالات زندگی  
میر امن  
نذیر احمد  
پروم چند  
نور شام

نثری اصناف یاد کریں  
داستان - ناول - افسانہ

شعری حقیقہ  
شعری اصناف کی حالات زندگی

میر تقی میر .. آتش  
یاد کریں

شعری اصناف یاد کریں

غزل - قصیدہ

مضامین  
علم کے فوائد . جنثیات کے فوائد

دلخواہ سہیں

تیس سہ حقائق کے لیے پندرہ سہ شعر تیار کریں

## HINDI

विषय -हिंदी

1. पोर्टफोलियो-अपना परिचय, पारिवारिक परिचय एवं जीवन लक्ष्य को फाइल पेज पर लिखें।
2. जम्मू कश्मीर के दर्शनीय स्थानों की जानकारी प्राप्त कर उन पर नोट लिखें।



## **COMPUTER**

- ❖ **Collect latest information about the different types of wireless technologies and make a collage.**
- ❖ **Make a presentation on different viruses and their harmful effects. Explain the role of antivirus in preventing virus, to enter in a computer. Search and access information about virus from the internet.**