

ST. COLUMBUS SCHOOL
DAYAL BAGH, FARIDABAD
CLASS – X
HOLIDAY HOMEWORK (2023-24)

General Instructions:-

1. Revise the completed syllabus of all the subjects for the Test to be held in July.
2. Holiday Homework of all the subjects should be done in A4 size sheets.

SUBJECT – ENGLISH

1. Write an article on any one of the following topics and prepare yourself for the speaking assessment.

- a. Children losing childhood
- b. Absenteeism is the major cause of falling standard in education
- c. Importance of discipline in a student's life
- d. The person who inspires me
- e. Gender Equality
- f. Health hazards caused by fast food
- g. Time Management

2. **PORTFOLIO**

Make a portfolio reflecting intellectual ability comprising the following points

- a. Cover page
- b. About me (my character traits –weaknesses and strength)
- c. A poster portraying your thought and point of view
- d. “LOVE FOR FREEDOM IS THE NATURAL INSTINCT OF EVERY LIVING BEING”
- e. A portrait of Nelson Mandela

3. India is a land of cultural heritage depicting Unity in Diversity. Every state has its own speciality. Haryana is known for its vibrant culture and food. Manipur is known for its bamboo industry, handicraft and dance. Collect the information about various dance forms of Manipur and make a report based on it.

SUBJECT - HINDI

सामान्य निर्देश : संपूर्ण गृहकार्य A- 4साइज शीट पर कीजिए।

- 1 "ग्रीनटी" की विशेषताएं बताते हुए 25 से 50 शब्दों में विज्ञापन लिखिए।
- 2 भारतीय संस्कृति, पर्यावरण, आतंकवाद, जल, फैशन, सफलता, मित्रता, धैर्य, समय आदि में से किसी एक विषय पर वाचन कौशल के मूल्यांकन हेतु स्वरचित कविता लिखिए व याद कीजिए।
- 3 अपनी छोटी बहन को पत्र लिखकर बताइए किउसे ग्रीष्मावकाश का सदुपयोग करना चाहिए।

4 आपके नगर में कुछ दिनों से प्रदूषण स्तर बढ़ रहा है, उसकी रोकथाम के लिए कुछ उपयोगी सुझाव देते हुए दैनिक जागरण के संपादक महोदय को इस विषय में समाचार प्रकाशित करने हेतु पत्र लिखिए।

5 निम्नलिखित में से किसी एक विषय पर अनुच्छेद लिखिए -

* मेरे जीवन का लक्ष्य

* योग की बढ़ती लोकप्रियता : आजका जीवन

6 सादा जीवन उच्च विचार, सत्संग के लाभ, शिक्षा का महत्व, जीवन में खेल कूद व उपयोगिता, वृक्षारोपण आदि में से किसी एक विषय पर वाचन कौशल के मूल्यांकन हेतु भाषण तैयार कीजिए।

7 दिए गए बिंदुओं के आधार पर पोर्टफोलियो तैयार कीजिए :-

* कवर पृष्ठ

* मेरे विषय में -----

* पोस्टर बनाइए – आजादी का अमृत महोत्सव

* पोर्ट्रेट" चित्र' बनाइए - "महादेवी वर्मा'

8 मणिपुर के किन्हीं 3 स्वतंत्रता संग्राम सेनानियों, महान व्यक्तियों की परियोजना फाइल बनाइए जिसमें इन सेनानियों की फोटो, नाम, जन्म - तिथि, महत्वपूर्ण कार्य, स्वतंत्रता प्राप्ति हेतु सहयोग आदि का वर्णन कीजिए।

9 मित्र की नौकरी लगने पर उसे शुभकामना संदेश प्रेषित करें।

10 गीता के कोई पांच श्लोक प्रस्तुतीकरण हेतु भावार्थ सहित लिखिए व याद कीजिए।

SUBJECT – MATHEMATICS

➤ Make an art integrated project on Manipur and paste relevant pictures based on it covering any 2 topics

1. Architecture
2. City planning
3. Bamboo work
4. Clothing / weaving

1. Draw a picture of traditional house made by tribes of Manipur. Find its dimension and calculate area and perimeter of the house.

2. How much the area and the perimeter of the house will increase, if the length and the breadth of the house are doubled,

SUBJECT – SCIENCE

PHYSICS

1. Draw all the ray diagrams for (i) Convex Lens ; Concave Lens
(ii) Convex Mirror ; Concave Mirror
2. Explain the Natural phenomena occurring in nature and give reasons also
 - (i) Twinkling of Stars
 - (ii) Formation of Rainbow
3. Complete your practical file
 - a) Dependence of potential difference across a resistor on current with graph.
 - b) Determination of focal length of concave mirror and convex lens.
 - c) To determine the equivalent resistance of resistors when connected in Series and in Parallel.
 - d) Tracing path of a ray of light passing through a Glass Slab.
 - e) Tracing the path of a ray of light passing through a Glass Prism.

CHEMISTRY

4. Revise chapter acid ,base and salt
5. Complete the following practicals in file-
 - a) Finding the pH of the following samples by using pH paper/universal indicator
 - (i) Dilute hydrochloric acid
 - (ii) Dilute NaOH solution
 - (iii) Dilute ethanoic acid solution
 - (iv) Lemon juice
 - (v) Water
 - (vi) Dilute hydrogen carbonate solution
 - b) Studying the properties of acids and bases (HCl&NaOH) on the basis of their reaction with:
 - (i) Litmus solution (Blue/red)
 - (ii) Zinc metal
 - (iii) Solid sodium carbonate

BIOLOGY

6. Difference between
 - 1) Aerobic and anaerobic respiration
 - 2) Breathing and respiration
 - 3) Active and Passive transportation

- 4) Heterotrophic and Autotrophic Nutrition
7. Explain the steps of Holozoic Nutrition .
8. Practice the following diagrams with proper labeling :
 - 1) Stomata
 - 2) Nephron
 - 3) Human respiratory system

➤ Collect information about different tribes of the state Manipur and write the scientific reason of origin of any one tribe. Project should be colourful and original.

SUBJECT – SOCIAL SCIENCE

Subject Enrichment:

I. On the basis of famous painting by Frederic Sorrieu 1848 – “The dream of worldwide Democratic and Social Republics” was presented.

Present an analytical description of the picture not more than 100 words and it should be original piece of work.

Portfolio

II. Prepare a visual representation on A4 size sheet on the topics given below using your painting skills, Sketching or through a Collage: -

- 1) Chauri-Chaura incident. Roll Number 1 to 5
- 2) Champaran Satyagraha. Roll Number 6 to 10
- 3) JallianwalaBagh massacre. Roll Number 11 to 15
- 4) Kheda Satyagraha. Roll Number 16 to 20.
- 5) Ahmedabad Satyagraha. Roll Number 21 to 25
- 6) Salt Satyagraha. Roll Number 26 to 30
- 7) Quit India Movement. Roll Number 31 to 35
- 8) Go Back Simon. Roll Number 36 to 40
- 9) Swadeshi and boycott movement. Roll Number 41 to 45

➤ Art integrated project – Manipur

a) Handicraft of Manipur

Collect information on the handicraft of Manipur

Roll no - 1-5

Roll no - 11-15

Roll no - 21-25

Roll no - 31-35

b) Agricultural pattern in Manipur

Collect information on the Agricultural pattern of Manipur and present the information about the geographical feature of crop grown.

Roll no - 6-10

Roll no - 16-20

Roll no - 26-30

Roll no - 36-40

Note – make one creative artefact based on handicraft

SUBJECT- INFORMATION TECHNOLOGY

I Prepare your record file

II Project File

Make a PPT or a Document file according to the following Roll numbers

Roll No- 1-10 Five famous IT companies

Roll No- 11-20 Five Documentation Software

Roll No- 21-30 Five Spread sheet Software

Roll No- 31-40 Five DBMS software

SUBJECT- PHYSICAL EDUCATION

ART INTEGRATED

Collect information about different game of the state Manipur and make a colourful and pictorial project on it.

DO THE BELOW IN PRACTICAL FILE

Volley ball – labelled diagram of court, equipment and rules in practical file.

YOGA

Do yoga Asana Practice every day for half an hour.

SUBJECT – WORK EXPERIENCE

1. Make a 3D model of monuments found in Manipur and also collect information about it.
2. Make a comicstan [Artistic depiction of a mythological creature in the form of a comic strip]

- Make a First Aid Box with a Red Cross on it having the following First Aid Tools –
- Boroline or Boroplus, Soframycin, Dettol or Savlon, Neosporin, Crocin, Bandage, Cotton, Band-Aid Strips.
 - Complete the art file.

Be Happy By Doing Good

1. *Spare some time and help your mother in household work, Talk to your parents and elders and learn values.*
2. *Adopt the habit of reading newspaper and learn new words and expressions.*
3. *Read at least two books (Hindi & English) apart from prescribed syllabus.*
4. *Respect flora and fauna (Plants and Animals). Keep your home and surroundings clean. Plant at least 5 saplings.*
5. *Keep water for birds and stray animals outside your house or in balcony.*
6. *Food is equal to God. So avoid wasting of food.*
7. *Try to share your knowledge and donate old books and notebooks to the underprivileged and deprived children of your locality.*

Maintain a diary in English & Hindi and write your experience along with daily routine during summer break. It will help you in enriching your vocabulary and writing skills.

ENJOY YOUR SUMMER BREAK.....

