



BLOOM PUBLIC SCHOOL
Vasant Kunj, New Delhi

Holiday Homework
Class X

<u>Subject</u>	<u>Home work</u>
<u>English</u>	<p><u>1. Preparation for July Assessment:</u></p> <p>Revise the following chapters / topics for the assessment to be conducted in the month of July:</p> <p><u>Textbook: First Flight</u> Chapter 1: A Letter to God Poem: Dust of Snow Poem: Fire and Ice Chapter 2: Nelson Mandela: Long Walk to Freedom Poem: A Tiger in the Zoo Chapter 3: Two Stories about Flying I. His First Flight II. Black Aeroplane Poem: How to Tell Wild Animals Chapter 4: From the Diary of Anne Frank</p> <p><u>Supplementary Reader- Footprints Without Feet</u> Chapter 1: A Triumph of Surgery Chapter 2: The Thief's Story Chapter 3: The Midnight Visitor</p> <p><u>2. Art Integrated Projects:</u></p> <p><u>1. Read the lesson -The Hundred Dresses (I&II)</u> <u>Role Play:</u> Activity-(Source: Art Integration Document & First Flight- MCB, AAC-Activity-4) The author has presented the characters engaged in many kinds of behaviour (teasing, playing, sitting in class..)</p> <ul style="list-style-type: none">• Form groups• Choose an episode or episode from the story.• Decide the roles.• Write the dialogues.• Act it out like a play using the words in the story. <p><u>Learning Outcomes:</u> The students will be able to</p> <ul style="list-style-type: none">• develop a healthy competitive spirit amongst the students.• learn to appreciate the benefits of collaborative work.

- understand the importance of a teacher as a mentor.
- bring out the importance of talents and not possessions.
- define the values that people look for in others to judge them.
- understand the desirable values learnt such as sharing, caring, patience and friendship along with learning.
- learn the art of dialogue writing.

2. A travelogue (Scrap Book):

Source: English Workbook- Words and Expression-1 and Ek Bharat Shrestha Bharat-Art Integration-Research on Sikkim as our partner state AAC-Week-4 activity-Writing (Interdisciplinary of subjects: S.Sc., Art, language)

- Create a map marking the important place one can visit.
- Kingdom of Sikkim- History
- Art and language of Sikkim
- One / two things which make the place unique
- Cuisine

Learning Outcomes:

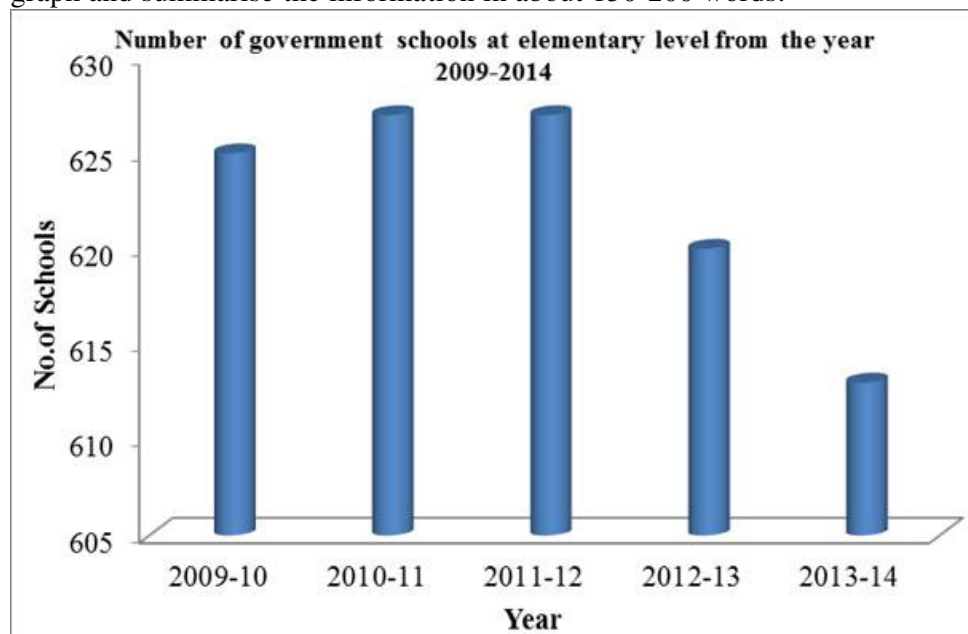
The students will be able to

- celebrate the unity in diversity of our nation and to maintain and strengthen the fabric of traditionally existing emotional bonds.
- showcase the rich heritage and culture, customs and traditions of Sikkim.
- organise their thoughts in a logical manner.
- write a report using appropriate vocabulary and grammar on the given topic.

3. Analytical Writing: (Source Internet- Ek Bharat Ek Shrestha-AAC-Activity-4)

To be done on A-4 size sheet

The following bar graph shows the growth in number of schools at elementary level in Sikkim from the Year 2009-2014. Using the data given, analyse the bar graph and summarise the information in about 150-200 words.



	<p><u>Learning Outcomes:</u> The students will be able to</p> <ul style="list-style-type: none"> • analyse a graph. • organise their thoughts in a logical manner. • write a report using appropriate vocabulary and grammar on the given topic.
<p><u>Science</u></p>	<p><u>1. Preparation for July Assessment:</u></p> <p>Revise the following chapters for the assessment to be conducted in the month of July: Chapter 1: Chemical Reactions and Equations Chapter 2: Acids, Bases and Salts Chapter 6: Life Processes Chapter 7: Control and Coordination Chapter 10: Light – Reflection and Refraction</p> <p><u>2. Activity (AAC):</u> (To be done by all the students) Aim: Are toothpastes acidic or basic in nature? Find out from the internet the pH of different tooth pastes available in the market. Compile it in the form of report. Share your findings with your friends Resources: AAC document Week 3, Pg no: 34</p> <p><u>Learning Outcome:</u> Student plans and conducts simple activities/ experiments to verify acidic, basic and neutral solutions and seek answer to the queries on his/her own.</p> <p><u>3. Art Integrated Projects: (Reference - Art Integration Document)</u> The class will be divided into three groups. First group will do the activity from Physics, second group will do the activity from Chemistry and the third group will do from Biology. All these activities are Art Integrated projects.</p> <p>(a) <u>Physics Activity</u> (To be done by students having roll numbers 1 to 11)</p> <p>Topic: Human eye and Colourful world Aim: Painting on Natural Phenomena of light like dispersion, atmospheric refraction, scattering. To do: To make a painting on any two natural phenomena of light using water colours/ poster colours/ oil paints/ crayons on an A- 4 size paper and explain those phenomena in a small write up on the back side of the painting.</p> <p><u>Learning Outcomes:</u> The students will be able to:</p> <ul style="list-style-type: none"> • understand different phenomena like scattering of light, dispersion, atmospheric refraction. • attain knowledge about different colour shades. • enhance creativity. <p>(b) <u>Chemistry Activity</u> (To be done by students having roll numbers 12 to 22)</p>

	<p>Topic: Acids, Bases and Salts</p> <p>Aim: To make a power point presentation on indicators, types of indicators and the colour changes they produce in different mediums (Natural and Synthetic, Olfactory indicators)</p> <p>To do: Make 7-8 slides elaborating natural, synthetic and olfactory indicators</p> <p><u>Learning Outcomes:</u> The students will be able to:</p> <ul style="list-style-type: none"> • gain knowledge about different types of indicators. • identify changes in colour/ smell in different media. <p>(c) <u>Biology Activity</u> (To be done by students having roll numbers 23 onwards)</p> <p>Topic: Life Processes</p> <p>Aim: To make a brochure on a human organ system</p> <p>To do: Make a brochure on any one of the following human organ system</p> <ol style="list-style-type: none"> a) Digestive system b) Respiratory system c) Circulatory system d) Excretory system <p><u>Learning Outcomes:</u> The students will be able to:</p> <ul style="list-style-type: none"> • explain the location and functions of different organs. • relate how these organs coordinate for proper working of the Human system.
<p><u>Mathematics</u></p>	<p>1. <u>Preparation for July assessment:</u></p> <p>Revise the following chapters for the assessment to be conducted in the month of July:</p> <p>Chapter 1: Real Numbers Chapter 2: Polynomials Chapter 3: Pair of linear equations in two variables Chapter 4: Quadratic Equations</p> <p>2. <u>Practical Work:</u> All students to write the written theoretical component of the lab file activities as per the instructions given in class. The content to be written will be posted on Google classroom.</p> <p>Activity No. 2: To verify the conditions of consistency/ inconsistency for a pair of linear equations in two variables by graphical method.</p> <p><u>Learning Outcomes:</u> The students will be able to understand the conditions of consistency to check whether a pair of linear equations have solution (s) or not. In case, solutions/solution exist/exists, the students will be able to find whether the solution is unique or the solutions are infinitely many.</p> <p>Activity No. 3: To obtain the solution of a quadratic equation ($x^2 + 4x = 60$) by completing the square geometrically.</p> <p><u>Learning Outcomes:</u> The students will be able to take various quadratic equations and make the squares as described in the activity, solve them and obtain the</p>

	<p>solution(s).</p> <p>Activity No. 4: To identify Arithmetic Progressions in some given lists of numbers (patterns). Learning Outcome: The students will be able to understand the concept of arithmetic progression.</p> <p>Activity No. 5: To find the sum of first n natural numbers. Learning Outcome: The students will be able to find the sum of first n terms of the list of numbers.</p> <p>Activity No. 6: To verify the distance formula by graphical method Learning Outcome: The students will be able to find the distance between two points in a plane using distance formula.</p> <p>Activity No. 7: To verify section formula by graphical method. Learning Outcome: The students will be able to find the ratio in which the line is divided by a point in a plane using section formula.</p> <p>3. Art Integrated Project: Source: A document on Art integration published by CBSE 2019.</p> <p>Aim: To calculate the electricity bill of 12 months (May 2019 – May 2020) of your own house, and compare and analyse the electricity consumption. Procedure:</p> <ol style="list-style-type: none"> 1. Note down the monthly electrical units consumed with the help of e-bill of your house. 2. Find out the difference in the meter readings at the beginning and the end of the chosen month. 3. Calculate the mean, median and mode of the electrical units consumed every month. 4. Make a frequency distribution table by choosing an appropriate class width. (units consumed vs no. of months) 5. Make a histogram, frequency polygon and an ogive graph of the collected data. 6. Talk to your parents about different electrical and electronic gadgets you are using every month (on an average) 7. Investigate the reason behind high consumption of electricity in your house in a particular month. 8. Suggest the future remedy to save electricity. <p>Learning Outcomes: The students will be able to</p> <ul style="list-style-type: none"> • examine the electricity consumption of their house both statistically and visually. • apply the knowledge of statistics in real – life. • suggest ways to save electricity.
<p><u>Social Science</u></p>	<p><u>1. Preparation for July Assessment:</u> Revise the following chapters for the assessment to be conducted in the</p>

	<p>month of July: Geography- Chapter 1: Resources and Development Pol. Science- Chapter 1: Power Sharing Economics- Chapter 1: Development History- Chapter 1: The Rise of Nationalism in Europe</p> <p>2. Art Integrated Project: Prepare on any one of the following topics:</p> <p>a) Draw/paste/prepare a list of symbols pertaining to nationalism in Europe and India and explain their attributes and significance. (*To be done on A-4 sized sheets)</p> <p><u>Learning Outcomes:</u> The students will be able to</p> <ul style="list-style-type: none"> • explain the concept of nationalism and the inherent features of a nation. • analyse how the idea of nationalism and its various forms emerged in Europe and India. • recognises the role of symbols in developing nationalist sentiments. <p style="text-align: center;">OR</p> <p>b) Poster on Conservation of Natural Resources (*To be done on A-3 sized sheet. Originality in the form of design, framework and slogans will be highly appreciated.)</p> <p><u>Learning Outcomes:</u> The students will be able to</p> <ul style="list-style-type: none"> • identify the causes of resource depletion and its consequences. • analyse the impact of conservation of natural resources on the life of people in any area in view of sustainable development. • appreciate the diverse methods of resource conservation.
<p><u>Hindi</u></p>	<p>1. <u>Preparation for July assessment:</u></p> <p>Revise the following chapters / topics for the assessment to be conducted in the month of July: स्पर्श - कबीर ,मीरा ,बडे, भाई साहब ,डायरी का एक पन्ना लेखन कौशल - औपचारिक पत्र , अनुच्छेद लेखन , अपठित गद्यांश</p> <p>2. <u>Art Integrated Projects:</u> (छात्र कक्षा में निर्धारित किए गए निम्नलिखित में से किसी एक पर प्रोजेक्ट कार्य करेंगे)</p> <p>1 सिक्किम पर ब्रौशर (Brochure)</p> <p><u>Learning Outcomes:</u></p> <ul style="list-style-type: none"> • छात्र सिक्किम की जानकारी प्राप्त करेंगे • समूह में रहकर कार्य करने की योग्यता का विकास • ICT के उपयोग में दक्षता प्राप्त करेंगे • देश के अन्य भाग से जुड़ने का भाव जाग्रत करना

	<p>2 ईश्वर भक्ति अथवा देश भक्ति गीत (पाठ कबीर मीरा बिहारी और कर चले हम फिदा पर आधारित) Learning Outcomes:</p> <ul style="list-style-type: none"> • भक्ति भाव से जोड़ना • देश के प्रति भक्ति भावना रखना • गायन कौशल में वृद्धि • समूह में रहकर कार्य करने की योग्यता का विकास • ICT के उपयोग में दक्षता प्राप्त करेंगे <p>3 शैलेन्द्र द्वारा निर्मित फिल्म तीसरी कसम तथा उनके द्वारा लिखे गीतों पर PPT तैयार करना (पाठ तीसरी कसम के शिल्पकार शैलेन्द्र पर आधारित) Learning Outcomes:</p> <ul style="list-style-type: none"> • प्रभावशाली निर्देशन को जानना • फिल्मी जगत की बारीकियों को समझना • प्रभावी गीतों की अहमियत को समझना • अभिनय की कला को जानना • समूह में रहकर कार्य करने की योग्यता का विकास • ICT के उपयोग में दक्षता प्राप्त करेंगे <p>4 मुहावरों को चित्रों द्वारा प्रदर्शित करना Learning Outcomes:</p> <ul style="list-style-type: none"> • मुहावरों के महत्त्व को समझना • मुहावरों की भाषा को समझना • मुहावरों द्वारा भाषा सौन्दर्य में वृद्धि • कलात्मक रूप में प्रस्तुति
<p>French</p>	<p>1. Preparation for July assessment:</p> <p>Revise the following chapters / topics for the assessment to be conducted in the month of July: Leçon -1 : Retrouvons nos amis Leçon-2 : Après le bac... Leçon-3 : Chercher du travail</p> <ul style="list-style-type: none"> • Le futur antérieur (Future perfect tense) • La forme nominale (Nominal form) • Le système scolaire en France (Educational system) • Les pronoms relatifs (Relative pronouns) • Le Plus que parfait (Past perfect)

	<p>2. <u>Art Integrated Projects:</u></p> <p>Préparez un publicité d'un produit Donnez les prix Les traits Pourquoi vous devez l'acheter ? Comment c'est différent de l' autre? (Utiliser A4 feuille) Completez tous les exercices (Leçon-1,2,3)</p> <p><u>Learning Outcomes:</u></p> <ul style="list-style-type: none"> • Faire des projets • Parler des différences • Parler des prix et produits • Exprimer les traits
<p><u>German</u></p>	<p>1. <u>Preparation for July assessment:</u></p> <p>Revise the following chapters for the assessment to be conducted in the month of July: Ch 6: Magst du grüne Bohnen? Ch 7: Die App, die den Dieb findet.</p> <p>2. <u>Art Integrated Project:</u></p> <p>1. Zeichnen oder Kleben die Bilder von 10 gesundes Essen und schreiben Sie die Namen von gesundes Essen auf Deutsch. (Draw or paste pictures of 10 healthy food and write their name in German)</p> <p>2. Schreiben Sie 10 Wege während Sommer Fit zu bleiben. (Write 10 ways in German to keep yourself fit during Summers in about 100 words)</p> <p><u>Learning Outcomes:</u> The students will be able to</p> <ul style="list-style-type: none"> • identify the characteristics of art from other cultures. • explain the major tenets of law of relativity. • talk and write about the different cultural and traditional aspects regarding feasts and othe special occasions.
<p><u>Marketing</u></p>	<p>1. <u>Preparation for July assessment:</u></p> <p>Revise the following chapters for the assessment to be conducted in the month of July: Unit 1: Marketing Mix Unit 2: Marketing Process - Segmentation, Targeting and Positioning</p> <p>2. <u>Preparation for the board project:</u></p> <p>Project Topic: Marketing Mix of a Product or Service Students who would select a product, will trace the 4Ps and for a services</p>

organisation, it will be 7Ps

The structure of the project is as follows :

1. Cover Page with Student Detail
2. Project Title
3. Acknowledgement
4. Certificate
5. Index of Contents
6. Methodology/Organisation / Presentation of Topic
7. Project:
 - Introduction to Topic
 - Survey and Graphics
 - Conclusion
 - Appendix
8. Bibliography

The project will be handwritten.

Content:

- Trace the 4Ps or 7Ps
- In Introduction, write about Marketing Mix and then discuss the 4Ps / 7Ps of the selected company.
- Write about each “P” on a separate sheet and then discuss the “P” of the selected organisation.

Learning Outcomes:

The students will be able to

- understand four tools of Marketing Mix.
- understand the role of the Marketing Mix to satisfy the needs of a prospective customer.