



THE SAGAR SCHOOL

HOLIDAY HOMEWORK 2017-18

Class/Section: X

This year, your holiday homework is a fun mix of all the aspects of learning. It has been designed to ensure that you enjoy and learn at the same time. Special attention has been taken to ensure that you use your creativity, your innovative ideas and your imagination to shape your holiday homework into fantastic 'creations'. So enjoy your holidays spending quality times with your near and dear ones and devote sometimes to learn new things.

General Instructions:

- Holiday Homework of all subjects to be done in **separate Scrap Book/ Stick File** (only).
- The areas to be covered are suggested below. You can of course use your creativity and innovation for new ideas too!
- Credit will be awarded to original photographs/ drawings, illustrations and creative use of materials.
- **While interacting/ interviewing people/neighbours/relatives for your Holiday Homework kindly remember the following points:**
 - Greet them.
 - Be polite.
 - Introduce yourself.
 - Show your school ID card.
 - Tell about your school.
 - Explain them about the Holiday Homework which has been assigned to you.
 - Get their phone number/ address/ Email ID.
 - You may click photos of your interactions.
- Holiday Homework needs to be submitted on 10th July 2017.
- Holiday Homework needs to be developed and presented in this order:
 - Cover page showing title, student information, school and academic year.
 - List of contents with page numbers.
 - Acknowledgements (acknowledging the institution, offices and libraries visited and persons who have helped).
 - The last page should have Bibliography/ Sources of information from where you have collected your information.

SUBJECT: ENGLISH

1. BOOK REVIEW:

Read the book, **DIARY OF A YOUNG GIRL** and do the following assignment:

- a. Information about the author, your favourite incident or chapter from the book, your reason for liking the book.
- b. Write pen-pictures of the following characters:
 - i. Mr. Otto Frank, ii. Mrs. Edith Frank, iii. Mrs. Van Dann, iv. Anne Frank

2. Many elderly live on fixed incomes, do not have someone to look out for them and may be living in old age home or an assisted living facility or in isolation. This summer, look for opportunities to interact with 4 elderly and write 4 reports in about 80-100 words for each one of them.

You may include details such as: name of the person, age, health issues, problems in life, important lesson he/she had learned over the course of life, important choices/decisions made by him/her, message for the young generation.

Make it interesting. Your interview must have a lot of details for the reader to understand the elderly better.

SUBJECT: MATHEMATICS

1. A student has to meet 20 friends/relatives/ neighbours those who are studying in class X and collect the data about the stream which they want to opt in class XI:

The following data sheet can be used for it:

SL.NO	NAME OF THE PERSON	RELATION	STREAM
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

Prepare tally marks table as follows:

STREAM	TALLY MARKS	FREQUENCY
SCIENCE		
COMMERCE		
HUMANITIES		
TOTAL		20

Represent the above data by using BAR graph.

2. Solve the numerical from the exercises of NCERT Book :

Ex: 1.3, Ex: 2.3, Ex: 3.1, Ex: 3.2, Ex: 3.3 and Ex: 3.4.

SUBJECT: SCIENCE

To make learning fun and interactive, you are requested to visit your nearby locality and collect relevant data as per the questions asked. As conscious citizens of this world, we are aware of the long term implications of overuse of ACs, refrigerators etc. So, You are needed to check the consumption of the electricity from various electrical gadgets. Compare them and realise what is better for usage.

INTERACTIVE PROJECT

1. Survey the area in your locality, and make a comparison of five different electronics items, on the basis of their Star rating power consumption.

Name of the items	Star rating	Power consumption in a month	Rated wattage

2. If your appliances are made up of iron like coolers etc., how the atmosphere will affect the longevity of these appliances? Explain the effect of the acids, gases, and moisture on the metals like:

- a) Iron:
- b) Silver:
- c) Copper:
- d) Magnesium:
- e) Aluminium:
- f) Gold:
- g) Brass:
 - Write the atomic number and atomic weights of the elements mentioned above.
 - Which of the above elements is most reactive and which is the least?
 - What should be done to stop the metals from corrosion? Write at least five methods for the same.

According to a popular translation of the Brahmi script upon the Iron Pillar of Delhi, the pillar was made for a king (presumably of the Gupta period, given the era of its creation). It was also made to honor one of the most important Hindu Gods – Vishnu. However, it is widely believed that the king to which the inscription refers is Chandragupta Vikramaditya.



The pillar has been constructed years back. Why do you think it has not rusted in spite of being kept in an open area? Explain the property which has prevented rusting in this case.

3. Explain the environmental impact of emission of Gases/Chemicals from various devices like Fridge, ACs, etc. being used in day to day use. Nowadays companies are trying to make devices which have least harmful effect on environment and human health. Enlist the improvisations on these devices for fridge and AC. Name the alternative chemicals being used by them and explain how they work and how they are helpful in minimizing the harmful effect.

SUBJECT: SOCIAL SCIENCE

Demonetization is the act of stripping a currency unit of its status as a legal tender, for example: The recent declaration of Rs.500 and Rs.1000 currency notes as invalid in India.

The aim behind the government's action was to combat tax cheating, counterfeiting and corruption. Eliminating large denominations makes it harder to hide large amounts of cash. "To break the grip of corruption and black money, we have decided that the currency notes presently in use will no longer be legal tender from midnight tonight."

Demonetization



Objectives of this project will:-

- Help you get a better and deeper understanding of the impacts of this new policy.
- Help you make your own judgement about its merits and demerits.
- To help you keeping up with recent economic developments of the country.

1. How was the process of Demonetization carried out?
2. Analyze the impact of Demonetization on agriculture and Industries.
3. Through Demonetization government and RBI are getting too much of cash in their coffers, in your opinion what should government do with the money it gets through Demonetization.

Demonetization has struck the nation hard in terms of living. Conduct a survey by Interacting with at least 5 people to understand their perspective

Sl.No.	Name of the person	Profession	Impact of Demonetization on the surveyed person	Feedback (positive/negative)	Suggestions given by the surveyed person to improve the system
1					
2					
3					
4					
5					

SUBJECT: HINDI (II LANGUAGE)

1. वर्तमान समय में शादी-विवाह के अवसर दिखावे के प्रतीक बन गए हैं । इस विषय पर दादा-दादी, नाना-नानी या किसी अपने परिवार के सदस्य या रिश्तेदार या पड़ोसी के साथ हुई बातचीत को संवाद शैली में विस्तार से लिखिए । कम से कम दस प्रश्न होने चाहिए ।

2. 'भारत के बढ़ते कदम' विषय पर जानकारी एकत्रित करते हुए अपने विचारों को 250 शब्दों में व्यक्त कीजिए ।

अथवा (OR)

भारत को जगत्पुरु क्यों माना जाता है ? अपने विचारों को 250 शब्दों में व्यक्त कीजिए ।

SUBJECT: FRENCH (II LANGUAGE)

1. Conjuguez 10 verbes de votre choix en future antérieur et au passé composé.
(Conjugate 10 verbs of your choice in future perfect and past form.)

2. Créez un questionnaire de 10 questions pour faire une enquête sur les avantages et désavantages d'apprendre une langue étrangère et prenez les opinions de vos 5 voisins.
(Create a questionnaire of 10 questions to survey the advantages and disadvantages of learning an international language and take the opinion of your 5 neighbors. Write the same in French.)

SUBJECT: GERMAN (II LANGUAGE)

1. Machen Sie ein Survey mit mindestens 4 Nachbarn oder Verwandte und fragen nach die Wichtigkeit der Fremdsprache in das Leben(die Vorteile und die Nachteile)
Do a survey with at least 4 neighbours and relatives asking them the importance of foreign language in one's life(advantages and the disadvantages).

2. Wählen und Kleben Sie 5 Bilder/Postkarten von verschiedenen Sachen und beschreiben Sie über das Thema mit Adjektivendungen.
Choose and paste any 5 different Pictures / Postcards and describe them using adjective endings as per topic.
