



**CLASS X**

**HOLIDAY  
ENGAGEMENT 2024**

Dear Students

As the warm embrace of summer envelops us, let us pause and reflect upon the words of Helen Keller: "Life is either a daring adventure or nothing at all." Indeed, if life were devoid of challenges and uncertainties, it would lose its essence, its purpose, much like a ship adrift in calm waters.

The balmy months of May and June offer us an opportunity for self-reflection, a time to rejuvenate our spirits and nourish our minds. Amidst the tranquil respite, we find opportunities for familial bonds to flourish, for ventures into unexplored realms, for passions to be pursued and dreams to be realized.

It is said that an umbrella, a book, and the mind only serve their purpose when open! Let us heed these words and embrace the boundless possibilities that lie before us. Let our minds unfurl like the petals of a blooming flower, eager to absorb the wisdom and experiences that await us in the coming days.

The Summer Holiday Engagement of 2024 beckons with a unique purpose—a purpose to embark on a journey to elevate Social Emotional and Experiential Learning, as well as foster Financial Literacy! Let us immerse ourselves in delightful and enlightening endeavours to equip our youngsters with invaluable financial acumen and nurture empathy. Each challenge, each endeavour, will be a stepping stone towards personal growth and enlightenment.

As we engage ourselves in these activities, let us not forget the joy of learning, the thrill of exploration, and the warmth of companionship. Let us involve our families, for in their support and guidance, we find strength and inspiration.

I hold in high regard the creativity and individual strengths of each and every one of you. Your efforts, your contributions, are invaluable in shaping our collective journey.

Hope this Goenkan initiative of the Summer Holiday Engagement 2024-25 is a testament to our capacity for growth and is replete with learning and laughter.

Let us redefine who we are and embrace the spirit of collaboration, innovation, and compassion.

Ms. M. Dutta  
Principal

# ENGLISH

## INVEST IN YOURSELF!

### FOCUS ON INTRINSIC MOTIVATION.....

The summer assignment in English will help you to enhance your educational quotient!

Do away with monotony and explore your English Literature books as they hold the mirror up to different aspects of life and people.

**Instructions** : Use 2 pages of your blue Literature notebook. Make a neat and attractive research project on any ONE of the following:

### CHOOSE ONLY ONE TOPIC FROM THE FOLLOWING LIST:

1. Journaling encourages us to be observers of the world, to be reflective of our experiences, and of course, to become expressive writers. Use 2 pages of your notebook and create a Personal Vision Board of words, quotes, and a collage of images and write ups of the person that you WANT to become.

2. Use 2 pages to present an analysis of Robert Frost OR Walt Whitman OR Carl Sandburg as a famous American Poet. Find some of the famous poems / lines written by this poet on poemhunter.com. Add details about the poet's life.

3. Read the section, Glimpses of India, on page 85 of your textbooks: First Flight. Based on this choose any ONE of the following tasks:

Choose a destination in India which is popular for its tourism. Create 2 pages about this place which includes : things to do / places to see / food trail/ places or persons of interest. Add relevant pictures and information. Give your reason for wanting to visit. Link an eco -friendly attitude with exploration and enjoyment.

### OR

Collect information about tea and coffee: their evolution as a drink, their beneficial qualities and their cultural relevance. Use 2 pages of the notebook to make a comparison between the two. Include history, brewing process, recipes, medicinal values and any other interesting fact.

4. Use 2 pages of your notebook and prepare a Book Review on: Diary of a Young Girl by Anne Frank.

Include the following in your Book Review:

- Theme / analysis
- Important features of the characters
- Relevant and interesting incidents: How you were impressed by the book.

Important Note : The homework must be original and the proper references should be made in accordance with the task.

Neat presentation would be highly appreciated. Do NOT use stickers / stones or beads. Avoid glitter and sticker tape.

### **CURATED COMPILATIONS FROM ENGLISH DEPARTMENT**

LET US DO AWAY WITH MONOTONY AND EXPLORE THE WONDERFUL WORLD OF FICTION. A GREAT WORK OF FICTION CAN ALLOW US TO SEE THE TRUTHS THAT MAY BE HIDDEN FROM US IN REAL LIFE.

The Catcher in the Rye	J D Salinger
Lord of the Flies	William Golding
The Thorn Birds	Colleen Mc Cullough
Gone with the Wind	Margaret Mitchell
The Godfather	Mario Puzo
Kane and Abel	Jeffrey Archer
Siddhartha	Herman Hesse
The Kite Runner	Khaled Hosseini

We should look for books that make us think harder, not easier. Personal growth is tucked away in the pages that question our world view !

Think and Grow Rich	Napolean Hill
The Power of Now	Eckhart Tolle
Freakonomics	Steven D Levitt
Vagabonding	Rolf Potts

### **CLASSIC FAVOURITES**

#### **TOP FIVE AMERICAN NOVELS**

Of Mice and Men	John Steinbeck
Moby Dick	Herman Melville
The Scarlet Letter	Nathaniel Hawthorne
The Great Gatsby	F Scott Fitzgerald
To Kill a Mockingbird	Harper Lee

#### **TOP FIVE BRITISH NOVELS**

Pride and Prejudice	Jane Austen
Wuthering Heights	Emily Bronte
Mayor of Casterbridge	Thomas Hardy
Oliver Twist	Charles Dickens

Mill on the Floss

George Elliot

#### TOP FIVE BOOKS BY INDIAN AUTHORS

A Suitable Boy

Vikram Seth

God of Small Things

Arundhati Roy

Train to Pakistan

Khushwant Singh

Difficult Daughters

Manju Kapoor

The Namesake

Jhumpa Lahiri

#### TOP FIVE BOOKS SET IN INDIA

The Far Pavilions

M M Kaye

The City of Djinn

William Darymple

Shantaram

Gregory David Roberts

The White Tiger

Aravind Adiga

City of Joy

Dominique Lapierre

#### TOP FIVE MOVIE/BOOK ADAPTATIONS

The Godfather

Mario Puzo

Forrest Gump

Winston Groom

The Shawshank Redemption

Stephen King

Murder on the Orient Express

Agatha Christie

The Notebook

Nicholas Sparks

## MATHEMATICS

Following Activities to be completed in the maths manual.

1. Activity -1 To draw the graph of a quadratic polynomial.
2. Activity -2 To identify Arithmetic progression in some given lists of numbers.
3. Activity -6 To establish a formula for the first n terms of an Arithmetic progression.

Project Work ( file will be prepared not in maths manual)

1. Chronology about Indian mathematician with their contribution Aryabhata.
2.  $\pi$ : world's most mysterious Number.

- Project should be of atleast 5-6 pages not exceeding 10 pages.
- It should be hand written, will not be accepted in the printed form.
- Proper diagrams should be made with the coloured pens or coloured papers should be pasted.
- References must be mentioned at the end of the project work.
- it should not be copied from internet completely.

# SCIENCE

**Part A:** Make any working model related to any topic of Science.

**Part B:** Choose any one out of the following :

## **Physics**

1. Draw the ray diagrams for the images formed by concave and convex mirror on an A4 sheet and list the uses of concave and convex mirrors in day to day life. Also list the reason why it is used in that field?

2. Investigatory project: Make a PPT or video with your own voice-over explaining "light as energy resource". Maximum time limit is 5 min and minimum is 3 minutes.

Light as energy source. What is the extent at which the world is using this energy source and to what extent it can be further trapped in different fields.

Research may include the following points:-

\*Light as renewable source of energy

\*Light for photosynthesis

\*Light for marine and aquatic life

\*During night for industries

\*Chemical effects of light

\*Physical effects of light

\*Reaction of living beings towards light Homework is designed as an art integrated project and PBL. It is a part of internal assessment so complete the work and submit it on time.

Share the work on the teachers 'mail id; [amitshukla.gdgpsk@gmail.com](mailto:amitshukla.gdgpsk@gmail.com)

**OR**

## **Chemistry**

Design a project in the form of powerpoint presentation of group of 4-5 students on any one of the following topics:

1. Corrosion of metals & Rancidity of food.
2. Electrolysis and its uses.

**You will be required to present this project with your team members.**

**OR**

## **Biology**

Make an investigatory project report in the form of powerpoint presentation (ppt) on any five Lung diseases, emphasizing the following points:

(i) Diseases and their causes (ii) Their Symptoms (iii) Precautionary measures, and (iv) Treatment

- Your ppt should consists of 10- 15 slides
- The first slide should have group member names , class , section and roll numbers
- You will be required to present this project with your team members.

**Note:** The Holiday engagement work will be assessed on the following parameters - content, accuracy, originality, presentation and creativity.

## SOCIAL SCIENCE

### CBSE Project Work

**Objectives:** The overall objective of the project work is to help students gain an insight and understanding of the theme and see all the Social Science disciplines from an interdisciplinary perspective. Students will be able to apply their prior conceptual knowledge that they have learnt over the years in order to prepare the project report. If required, students may go out, collect data and use different primary and secondary resources to prepare the project. The project work will help in art integration, enhancing the Life Skills of the students.

### Topics of CBSE Project -

Social Issues

OR

Sustainable Development

### Material/Resources Required:

A-4 size or file size simple sheets, recycle waste paper for Cover page, information and pictures from the internet, other stationary material. Once the project is completed, present it in a small file folder.

### Instructions:

You may use information on the given topics from the internet.

**Sustainable development** is based on optimum and judicious use of resources, their conservation; reuse, reduce and recycle resources; sustainable use of waste generated by a number of factories.

**Social Issues** - Any one of the following social issues- poverty, child labour, gender inequality, unemployment, caste, literacy, hunger, dowry system can be taken up. You can present your project to discuss the topic, prevailing conditions and solutions to tackle the problem.

**The Project work will be assessed on the following:** content accuracy, originality, Presentation and creativity.

**Work Specification:**

The project work should include- Title/ cover page, list of content, Introduction, main content, conclusion.

**Date of Submission: 1st Week of July.**

**Political Science****Material/Resources Required:**

1. Political Science notebooks
2. Political Science Textbooks
3. Internet
4. Glue
5. Coloured Pens

**Instructions:**

Q 1-Conduct a research on **any 2 National Political Parties** and **any 2 Regional Political Parties** and record your research in your political science notebooks under the following heads:

- a) Party name
- b) State to which they belong, Party symbol
- c) Who are the leaders
- d) When was it founded
- e) Party motto

Q 2- Complete the questions of Chapter 2- Federalism given in your GCR, in your political science notebooks

**Work Specification:**

1. Aesthetically done in notebooks
2. Presentation is a must
3. Specify question numbers

**Economics****Material/Resources Required:**

A4 size sheets, colour pens, glue, scissors.

**Instructions:**

"Economics is one of the social sciences, which has a great influence on every human being."



As economic life and the economy go through changes, the need to ground education in children's own experience becomes essential. While doing so, it is imperative to provide them opportunities to acquire analytical skills to observe and understand the economic realities.

The economics courses also contain many projects and activities. These will provide opportunities for the learners to explore various economic issues both from their day-to-day life and also from issues, which are broader and invisible in nature. The academic skills that they learn in these courses would help to develop the projects and activities.

Hopefully, the project on “**Consumer Rights**” will serve this purpose to the students.

### **Objectives of the Project**

1. Highlight the issue of consumer rights within the context of the ways markets operate in our country.
2. To sensitise learners and encourage them to participate in the consumer movement.
3. To understand the importance of being a well-informed consumer arose out of consumer movement and active participation of people through their struggles over a long period. This chapter also
4. Providing details of a few organisations helping consumers in different ways.
5. Sensitising the learners to be aware of the product before buying the same.

### **Work Specification:**

1. Make sure to mention the source of your information.
2. Kindly add the following pages to your project:
  - Acknowledgement
  - Index
3. Images supporting your content will be appreciated.
4. The project should be handwritten only on A4 sheets.
5. Make sure to highlight the critical issues of the consumer movement in India.
6. Include case studies wherever necessary.
7. Do include an overview of the major milestones of the consumer movements in India.
8. Make sure that the facts are verified before they are incorporated into the project.
9. Consult your project coordinator (Economics Teacher) wherever necessary.
10. Recent developments in consumer movements and awareness drives should be included in the project.

Kindly refer to the document in the link given below:

<https://docs.google.com/presentation/d/1uHpkFjMZlWrrjS9YXwRp8vThsegwweEc/edit?usp=sharing&tid=111869721028664204907&rtmpof=true&sd=true>

**Date of Submission : First week of July 2024**

**NOTE-** This work will be evaluated and credits will be given for internal assessment.

### **Rubrics**

**Content-5**

**Presentation-4**

**Timely submission -1**

### **Geography**

Major cities like Cape Town, Bengaluru, Chennai, and many other metropolitan cities are facing a freshwater shortage. It may become acute if necessary steps are not taken to save water. During historical times as well, rainwater practices were prevalent and efficient eg. tanks, step-wells, kunds, tanks, baolis, etc.

You may visit 'Rajaon ki Baoli' near Mehrauli with your parents.

One of the major solutions is 'rainwater harvesting'.

1. Prepare a research-based presentation/report in your NOTEBOOKS on the

**Topic: RAINWATER HARVESTING PRACTICES.**

It is a wake-up call and meaningful activity that will sensitise the students to this problem.

Start your work designing a **cover page** (in the notebook only).

Enhance your work with the **help of pictures** taken from the internet and **sketches**.

You may add pictures from our historical past.

**Assessment** will be based on content, presentation, and aesthetics.

**References/Bibliography:** Credit to pictures.

**Date of submission:** 05/7/24

2. Prepare a map on **Major Rivers and Dams in India** with the help of your textbook and paste it in the notebook.

### **History**

Make a PowerPoint Presentation on **any one** of the following topics:

1. Development of Indian Industries in Pre-Independence India.

2. Advertisements used by manufacturers in British India.

### **Instructions:**

- Read NCERT Chapter:4 'The Age of Industrialisation' and research the related

content thoroughly.

- PPT should not be more than 15 slides.
- Use Canva for making PPT
- Enhance PPT using real photographs and excerpts and newspaper cuttings of that period.

**Date of submission: 3rd July 2024**

**NOTE- This work will be evaluated and credits will be given for internal assessment.**

### Rubrics

**Content-5 Presentation-4 Timely submission -1**

## HINDI

भारत की सभ्यता और संस्कृति अत्यंत प्राचीन और समृद्ध है। इसकी लोक कथा और लोक संस्कृति बेहद सुंदर है। इसी को ध्यान में रखते हुए भारतीय लोक कला /लोक नृत्य /लोक गीतों पर आधारित सुंदर फोल्डर बनाएं।

सामग्री -A3, A4 शीट्स

रंगीन पेन इत्यादि

फोल्डर में निम्नलिखित जानकारी सम्मिलित करते हुए कम से कम पांच पृष्ठ लिखें।

\*राज्य का नाम

\*लोक कला /लोक नृत्य/ लोकगीत का नाम

\*इतिहास

\*इसकी प्रसिद्धि के कारण

\*वर्तमान समय में इसकी स्थिति

2- अपने मित्रों, परिवार के साथ सिनेमा जगत के सुप्रसिद्ध कलाकार राज कपूर की कोई एक हिंदी फिल्म देखें और उसका आनंद ले।

फिल्म देखकर निम्नलिखित विषयों पर उसकी समीक्षा करें।

\*पात्र

\* संवाद

\* विषय वस्तु

\*वेशभूषा

\*गीत

\*संदेश

\*समय प्रभाव

## SANSKRIT

सनातन वैदिक धर्म के धर्मग्रंथ मुख्यतः देववाणी संस्कृत में हैं। हिन्दू धर्म(वैदिक धर्म) में ग्रंथों का-

पहला प्रकार है श्रुति जिसमें वेद और उपनिषद् आते हैं।

दूसरा प्रकार है - स्मृति जिसमें पुराण, रामायण, भगवद्गीता और महाभारत शामिल हैं।

ग्रंथों का तीसरा प्रकार है- संत साहित्य जो कि बहुत प्रसिद्ध तो होते हैं परंतु ये साहित्य ईश्वर द्वारा या किसी ऋषि- महर्षि द्वारा रचित ना होकर संत द्वारा लिखे गये हैं जिनकी संख्या अनगिनत है जिसमें मुख्य है- श्रीरामचरितमानस ।

उपरोक्त ग्रंथों में अपनी इच्छानुसार कोई एक ग्रंथ लेकर उसके बारे में जानकारी एकत्रित कीजिए तथा उस पर आधारित एक लघु पत्रिका (10-12 पृष्ठों) तैयार कीजिए।

# FRENCH

## Material/Resources Required :

A-3 or A-4 Sheets, Coloured pens, online research.

## Les Instructions:

- Créer une histoire
- Create a picture sort sequence using your own photos. Imagine that you are alone at home one day. What happens? Write a picture story, narrating what you did that day when you were alone.

## Imagination and Creativity:

Most importantly, you'll need your imagination and creativity to bring your "Home Alone" story to life!

## Development of the Narrative:

- Imagine a day when you find yourself alone at home. What do you do?
- Describe your activities, thoughts, emotions, and experiences throughout the day.
- Don't be afraid to be creative! You can add elements of fiction or unexpected events to make your story more interesting.

## Work Specification:

### Choice of Format:

- You will create a series of photos or illustrations representing different stages of your day spent alone at home.
- Each photo or illustration should be accompanied by a short written description to explain what is happening in the image.

**Écrivez une petite histoire** en décrivant ce que **vous avez fait** quand vous êtes laissé seul/e à la maison sans aucune personne. «**HOME ALONE**»

- Faites une histoire intéressante de quelques photos,
- Qu'est-ce qui s'est passé ?
- Qu'avez-vous fait tout/e seul/e ?
- Aviez-vous peur ou vous êtes courageux/se.



**ALONG WITH THAT:** Write a **BOOK** review on any movie that you have seen and is one of your favourites, en expliquant

- L'histoire se déroule
- Les personnages sont liés par
- Le réalisateur
- La narration au passé
- Ce que vous avez aimé de ce film
- La raison de le VOIR
- Utilisez les adjectifs pour le décrire



**Date of Submission:** After summer vacation and to be included in internal assessment.

**Both the TASKS are MANDATORY**

The **HOME ALONE** can be done on A3 sheets/album form

The **FILM REVIEW** to be done in **RED REGISTERS** (as a writing skill) with pics.