



Affiliation No : 330881

**GD GOENKA PUBLIC SCHOOL**  
Under the Aegis of G D Goenka Group , New Delhi **PURNEA**



**CLASS X**

**HOLIDAY  
ENGAGEMENT 2024**

**HIGHER > STRONGER > BRIGHTER**

# 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 Djinns

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

### Part-A

#### **Material/Resources Required:**

A scrap book or A-3 or A-4 sheets, coloured pens, glue.

#### **Instructions:**

Choose any one topic for your project work.

Project in a scrapbook (12 to 15 pages) to be submitted to the subject teacher or a PPT of 12 to 15 slides to be uploaded in your respective Math GCR.

The Project work will be assessed on the following parameters - content, accuracy, originality, presentation and creativity.

#### **Work Specification:**

(A) ROLE OF MATHEMATICS IN MEDICINE AND LIFE SCIENCES - Math is a crucial part of medicine. All the graphs, equations, statistics, and general Math help us to understand important aspects of human and veterinary medicine, biology, and science in general.

Elaborate with the help of relevant information and pictures/graphs/tables.

(B) APPLICATIONS OF ALGEBRA IN DAY-TO-DAY LIFE - Have you ever wondered how Algebra may be applied to solve real-life problems? We regularly see people using Algebra in many parts of everyday life, examples - Outdoor Landscaping, Home Improvement, Logical Thinking, Technology, Business and Finance Management.

Elaborate any two from the above examples with the help of relevant information and pictures/graphs/tables.

### **Part B**

Following questions to be done from the reference book (R D Sharma) in orange notebooks, to be submitted after the summer break. Kindly refer to the document.

CLASS X-HHW SUMS-2024-25

## **SCIENCE**

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

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

### **Physics**

Design a Project and present its report for any one of the following topics:-

- (i) Optical Fibres- Novel applications.
- (ii) Optical phenomena in nature-the Physics behind them.
- (iii)The impact of artificial intelligence on people's lives

**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.

# HINDI

1. भारत की सभ्यता और संस्कृति अत्यंत प्राचीन और सम बेहद सुंदर है।

इसी को ध्यान में रखते हुए भारतीय लोक कला या लोक न बनाएँ।

सामग्री- A-3, A-4 शीट्स  
रंगीन पेन, इत्यादि

फोल्डर में निम्नलिखित जानकारी सम्मिलित करते ह

- राज्य का नाम
- लोक कला/लोक नृत्य/लोक गीत का
- इतिहास
- इसकी प्रसिद्धि के कारण
- वर्तमान समय में इसकी स्थिति

2. अपने मित्रों और परिवार के साथ सिनेमा जगत के सुप्रसिद्ध कलाकार राजकपूर की कोई एक हिंदी फ़िल्म देखें और उसका आनंद लें।

फ़िल्म देख कर निम्नलिखित विषयों पर उसकी समीक्षा करें-

- पात्र
- संवाद
- विषयवस्तु
- वेशभूषा
- गीत
  - संदेश
  - समग्र प्रभाव

3. शिक्षा का उद्देश्य क्या होना चाहिए-अच्छे अंकों की प्राप्ति या बुद्धि का विकास-‘बड़े भाई साहब’ पाठ पर आधारित लगभग 250 शब्दों में अपने विचार प्रस्तुत करें।

नोट:सभी काम फोल्डर में करें ।

- काम देने की अंतिम तिथि: 10 जुलाई 2024
- इसके अंक आंतरिक परीक्षा में लगाए जाएँगे।

# SUBJECT- SANSKRIT

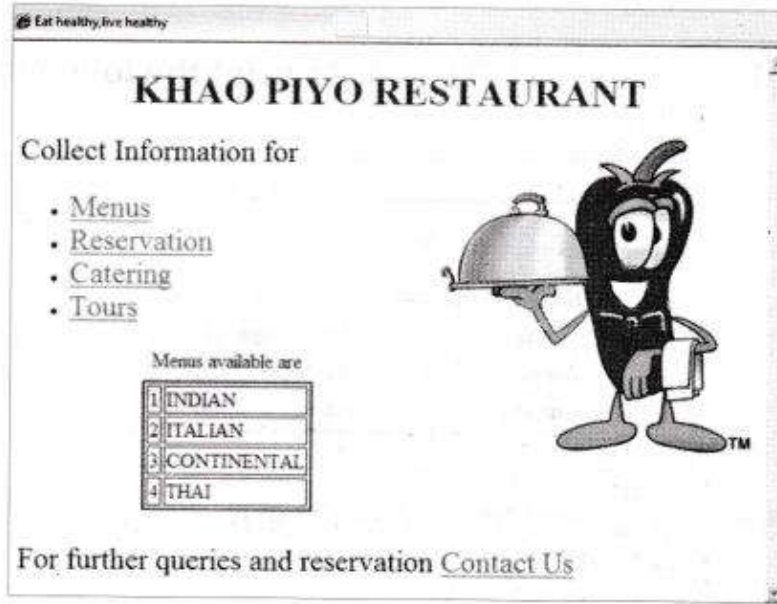
## परियोजना - कार्यम् (Project Work)

क) त्रयाणां संस्कृत – कवीनां चित्राणि संलग्नं कृत्वा तेषां विषये पञ्च-पञ्च व्याख्यानि संस्कृते लिखत।  
(Paste the photos of three great Sanskrit poets in your Project copy & write 5-5 Sentences for each in Sanskrit.)

ख) विद्यायाः विषये पञ्च श्लोकान् संकल्य स्वर्णाक्षरेण लेखितव्यम्।

( Write Five Shlokas about education in neat & clean handwriting.)

# SUBJECT- COMPUTER



Write the HTML code to generate the above output. Perform the following points while generating the output.

- A background color should be there
- Title of the page is "Eat Healthy and Live Healthy"
- Heading of the page is "Maroon" in color.
- Use image as given above.
- Caption of the table is "blue".
- Table border color is "purple" and size is 3.
- Put your own email id for contact us link.





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Let all your worries & stress  
go away this summer & enjoy  
every minute of it. Have a great

*Summer Vacation.*



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