

A photograph of the Green Land Convent School building, a large, modern structure with a prominent central dome and multiple wings. The building is primarily white with red accents and large glass windows. It is set against a clear blue sky. In the foreground, there is a well-maintained green lawn. Several flagpoles with red and green flags are visible in front of the building. The entire image is framed by a decorative border of yellow stars.

Green Land Convent School
(Senior Secondary)
New Subhash Nagar, Ludhiana

SUMMER VACATION HOMEWORK
CLASS XII
SESSION 2024-25

ENGLISH PROJECT

PROJECT LAYOUT

SHEET 1 - Cover Page with following details:

- ★ School's name
- ★ Student's name
- ★ Class
- ★ Stream
- ★ Board's roll no.
- ★ Subject Teacher:

SHEET 2 - *Acknowledgement*

I _____ would like to extend my sincere and heartfelt obligation towards all those who have helped me in making this project. Without their active guidance, help, cooperation and encouragement, I would not have been able to present the project on time.

I am extremely thankful and pay my sincere gratitude to my teacher _____ for her valuable guidance and support for completion of this project.

I extend my sincere gratitude to my **Principal Dr. Jyoti Pujara** for the moral support extended during tenure of this project.

I also acknowledge with a deep sense of reverence, my gratitude towards my parents, other faculty members of the school and friends for their valuable suggestions given to me in completing the project.

Date:

Place: -----

SHEET 3 - *Certificate*

This is to certify that the project work on ----- based on the curriculum of CBSE has been completed by _____ of Class-XII “_____” of session 2024-25.

The above mentioned project work has been completed under my guidance during the academic year

Signature of Teacher

SHEET 4- Action Plan

- 3-4 lines about the project.
- Research Tools and Methodology
- Supporting Material-Audio-Video Aids/ PPT

SHEET 5- Introduction of the Project

SHEET 6- Body of the Project

- Questionnaire
- Case Study
- Survey Report
- Interview

SHEET 7-REPORT

800-1000 word essay/script/report

SHEET 8-STUDENT/GROUP REFLECTION

100-150 words paragraph about the experience and learning outcomes

SHEET 9-PHOTOGRAPHS

SHEET 10- LIST RESOURCES/ BIBLIOGRAPHYY

Book Reading ‘Rich Dad, Poor Dad Read the book and provide book review.

LIST OF TOPICS/THEMES

I) THE LAST LESSON- FREEDOM OF SPEECH AND EXPRESSION

Roll No. 1,7,13, 19,25,31,37,43

- Linguistic Chauvinism
- Importance of Language
- Globalization of Language
- Franco-Prussian War
- Historical References of Events wherein linguistic identity was threatened/snatched

II) LOST SPRING-LIFE IN A SLUM (Roll No. 2,8,14,20,26,32,38,45)

- Research and case study of a slum.
- Life of the people in a slum

- Education
- Health and Infrastructure
- Government Initiatives
- Role of youth in the upliftment of the weaker sections of the society
- Comparative Study of Slums
- Slums of yesterday turned to cities of today.

III) DEEP WATER- PHOBIA (Roll No. 3,9,15,21,27,33,39)

- Phobias and fears of people.
- Psychological and emotional impact.
- How to overcome.
- Impact on one's life and society
- Case Study

**IV) MY MOTHER AT SIXTY SIX- FEAR OF SEPARATION
(Roll. No. 4, 10, 16, 22, 28, 34, 40)**

- About poet
- her writing skills
- Famous works
- ageing is the law of nature
- advancing age of mother and the fear of loss and separation associated with it.

V) THE THIRD LEVEL- ESCAPISM (Roll No. 5, 11, 17, 23, 29, 35, 41)

- psychological refuge from the grim realities of the present day world along with a desire to stay with the past
- Impact on war on one's life and society with reference to Ukraine-Russia war

VI) THE TIGER KING (Roll No. 6, 12, 18, 24, 30, 36, 42)

- satire on the pride and stubbornness of those in power
- untold cruelty and death of innocent creatures by humans only to satisfy their own desires and fancies
- dire need to conserve the environment
- comparison of the days of autocratic and eccentric kings with modern days leaders and politicians

MATHEMATICS

NAME OF THE PROJECT:- STUDENTS WILL MAKE ANY ONE MODEL OR PROJECT GIVEN BELOW AS PER THEIR ROLL NUMBERS.:

1. Project on Volume and Surface Area of Cube and Cuboid. Roll No-1 to 5
2. Project on Matrices. Roll No.- 6 to 10
3. Model on Graph of Inverse Trigonometric Functions Roll No. - 11 to 15
4. Project on History of mathematics. Roll No.- 16 onwards .

STUDENT'S ACTIVITY:

1. Students they can visit the following link:

<https://www.icbse.com/projects/maths-project-on-volume-and-surface-area-of-cube-and-cuboid>

<https://youtu.be/ZAP1bYfXT4k> https://youtu.be/Yhpe_R7eHTI <https://youtu.be/y-5VmBZbbZ8>

<https://www.artfulmaths.com/mathematical-art-lessons.html>

Note:- All students must complete their Lab annual with all the activities as guided by your teacher.

BIOLOGY

NAME OF THE PROJECT: Prepare Project files as well as models on any one of the following topics as per their roll numbers:

- | | |
|--|--|
| 1. Biotechnology in agriculture (1-2) | 2. Drug Addiction (3-4) |
| 3. Haemophilia (5-6) | 4. Pneumonia (7-8) |
| 5. Antibiotics (9-10) | 6. Population interaction (11-12) |
| 7. Evolution in human being (13-14) | 8. Pollination (15-16) |
| 9. Typhoid (17-19) | 10. Ramsar sites in India (20-onwards) |

You can also visit the following link for project.

<https://www.youtube.com/watch?v=KzOsFRM0flk&feature=youtu.be>

FOR MODELS:

Students can go visit the following links to make modals:

<https://youtu.be/5ITuxD0xNvc>

https://youtu.be/JIs7T_qxeA0

<https://youtu.be/UPn2P-RS5ts>

<https://youtu.be/ZQRPGItVWM>

<https://youtu.be/mxDpbkZzgBM>

<https://youtu.be.com/watch?v=m3gYjBQZEFk&feature-share>

<https://youtu.be/SSeB1WLI7U>

https://youtu.be/yKE-hI_nIu0

<https://youtu.be/euQgY3rUKN8>

Note:- All students must complete their Lab annual with all the activities as guided by your teacher.

PHYSICS

NAME OF THE PROJECT: Prepare Investigatory Project file and Modal on ANY ONE of the following topics:

- 1 To make an electromagnet (1-5 Med.)
- 2 Li-Fi Future of communication 6-10 Med.)
- 3 Rectifier (11-15 Med.)
- 4 Half wave Rectifier (16-20 Med.)
- 5 Transformer (21-27 Med.)
6. Electromagnetic Induction (1-4 N med.)
7. Tesla Coil (5-9 NM)
8. Full wave rectifier (10-14NMed.)
9. Moving coil galvanometer (15-18 NMed.)

Note:- All students must complete their Lab annual with all the activities as guided by your teacher.

CHEMI

NAME OF THE PROJECT: Prepare Investigatory Project and Modal on any one of the following topics as per roll numbers. (For both Med. & Non Med.)

Chocolate Analysis: (Roll no. 1-5) Medical And Non Medical

Which Shampoo is the Best. (Roll no. 6-10) Medical & Non. Med.

Adulteration in Milk and Food (Roll no. 11-15) Medical & Non. Medical

Amount of case in in Milk (Roll no. 16-onwards) Medical & Non. Medical

The students can also make the projects on any one of the following after consulting your teacher:-

Food Adulteration

Determination of Caffeine in tea

Honey Analysis

Extraction of essential oils present in Saunf, Ajwain, Illaichi

Note:- All students must complete their Lab annual with all the activities as guided by your teacher.

Hind Music Vocal

Activity : Project file/Model Making on any one of the following:-

Topic : Raga Bhairav, Raga Bageshri, Raga Malkauns, Tala jhap taal, Tala Rupak and Tala Dhamar.

Instructions :

*All the topic should be written in neat and clean handwriting with proper rules and regulations.

*Maintain A4 size thick sheets to write down the topics and to make notations off all topics.

* Make border on all the sheets before writing and making notations.

* Decore the front side of file and every page according to the topic.

* Cover the file with cellophane of lamination sheet.

Topic -2 To Prepare one choice Raga.

Instructions :

*Choose any of your choice Raga from your syllabus .

* Do understand and learn the composition with proper ta tala used in raga.

* And prepare it to recite in class activity.

* You also can make videos of yourself while singing the Raga and send it to me on my personal whatsapp number.

1.Model making :-

You tube links are provided below to make models

- Model of musical instrument VEENA (<https://youtu.be/mOvbaf-cklw>)
- Model of TANPURA (https://youtu.be/wrwFmDl_ZT4)
- Model of TABLA(<https://youtu.be/fOYJe87izT4>)
- Model on Biography of USTAAD FIYAZ KHAN.
- Model of GUITAR(<https://youtu.be/W8w8Am0DJx4...>)

PAINTING

Complete the Portfolio .

The Portfolio may include the following:

- Four selected nature and object study exercises in any media done.
- Exercises in pencil with light and shade and in full colour from a fixed point of view.

Create a Folk Art painting. E.g. Mithila painting, Warli painting.

Computer Science

Do any one of the following:-

1). Create working model on boolean algebra.

For reference: <https://images.app.goo.gl/RCBKneKX8knUjXReA>

2). Create model on various connecting devices of network.

For reference: <https://images.app.goo.gl/CFUmaHxih9uN4r3dA>

3). Create a working model on topologies.

For reference:

<https://images.app.goo.gl/RcaAEpA1Wsaxg89B7>

HISTORY

NAME OF THE ACTIVITY: Model Making .The student will make any one of the following

ACTIVITY INSTRUCTIONS:

Visit the following links for reference:

<https://youtu.be/gLZ9zFVpVaw>

<https://youtu.be/PujlScSyaME>

Make a model on any one of the following topics:

- 1.The Indus Valley Civilization- Archeological Excavations and New Perspectives including model of Sanchi Stupa (Roll no 1 to 3)
- 2.The History and Legacy of Mauryan Empire including model of Mauryan Dynasty (Roll no 4 to 6)
- 3.“Mahabharat”- The Great Epic of India including model of Mahabharata (Roll no 7 to 9)
- 4.Bhakti Movement- Multiple interpretations and commentaries including miniature painting on Buddha (Roll no 10 to 13)
- 5.“The Mystical Dimensions of Sufism including model of Vijayanagara (Roll no 14 to 16)
- 6.Global legacy of Gandhian ideas including model of Gwalior fort (Roll no 17 onwards)

ACCOUNTANCY

NAME OF THE ACTIVITY: Document Making: Cash Flow Statement and Ratio Analysis

NAME OF THE PROJECT: SPECIFIC PROJECT

One specific project based on financial statement analysis of a company covering any two aspects from the following:

1. Comparative and common size financial statements
2. Accounting Ratios
3. Segment Reports
4. Cash Flow Statements

Business Studies

A.PROJECT :-Students have to choose one project out of four projects.

: Prepare a project file based on any one of the topics given as below:

- 1.Principle of Henry Fayol
2. Marketing Management
3. Stock Exchange
4. Elements of Bussiness management

Some links are given below

<https://www.youtube.com/watch?v=FWM4xiHnCrE>

<https://www.youtube.com/watch?v=o9oBKqe-zM0>

https://www.youtube.com/watch?v=6w81og_UqFY

<https://www.youtube.com/watch?v=osGZ2B-JAX4>

<https://www.youtube.com/watch?v=ohRrDP5G2rk>

ECONOMICS

NAME OF THE ACTIVITY: Info graphic Making

NAME OF THE PROJECT: Prepare a project file based on Infographic Presentation on any one of the topics given as below:-

- ★ Contemporary Employment situation in India
- ★ Disinvestment policy of the government
- ★ Goods and Services Tax Act and its Impact on GDP
- ★ Health Expenditure (of Odisha and Punjab)
- ★ Human Development Index
- ★ Inclusive Growth Strategy
- ★ Self-help group
- ★ Trends in Credit availability in India
- ★ Monetary Policy Committee and its functions
- ★ Role of RBI in Control of Credit
- ★ Government Budget & its Components
- ★ Trends in budgetary condition of India
- ★ Exchange Rate determination – Methods and Techniques
- ★ Currency War – reasons and repercussions
- ★ Livestock – Backbone of Rural India
- ★ Alternate fuel – types and importance
- ★ Sarva Shiksha Abhiyan – Cost Ratio Benefits
- ★ Golden Quadrilateral- Cost ratio benefit
- ★ Minimum Support Prices
- ★ Relation between Stock Price Index and Economic Health of a Nation
- ★ Waste Management in India – Need of the hour
- ★ Minimum Wage Rate – Approach and Application
- ★ Digital India- Step towards the future
- ★ Rain Water Harvesting – A solution to water crisis
- ★ Vertical Farming – An alternate way
- ★ Silk Route- Revival of the past
- ★ Make in India – The way ahead
- ★ Bumper Production- Boon or Bane for the farmer
- ★ Rise of Concrete Jungle- Trend Analysis
- ★ Organic Farming – Back to the Nature
- ★ Aatmanirbhar Bharat
- ★ Sri Lanka's Economic Crisis
- ★ Sustainable Development Goals (SDG's) Environmental Crisis
- ★ Comparative Study of Economies (Maximum three economies)
- ★ New Education Policy (NEP) 2020: A Promise for a New Education System
- ★ G-20: Inclusive and Action Oriented
- ★ Amrit Kaal: Empowered and Inclusive Economy

PUNJABI

ਰੋਲ ਨੰਬਰ: 1 ਤੋਂ 20 1. ਪ੍ਰੋਜੈਕਟ:- ਵਰਕਿੰਗ ਮਾਡਲ ਤਿਆਰ ਕਰੋ।

ਵਿਸ਼ਾ:- ਤੀਆਂ ਦਾ ਤਿਉਹਾਰ

PHYSICAL EDUCATION

1. Complete the following tasks in your Physical Education Practical file.
 2. You must draw all the required pictures along with the tasks.
 3. Write about any one sport/ game of your choice in detail. Also mention it's rules, regulations, terminologies and skills.
 4. Write about any five yoga/asanas of your choice mentioning their procedure, benefits and precautions.
 5. Explain Motor Fitness Test in detail.
- All the students will make a model of their game.**

Political Science

★ NAME OF THE PROJECT: Students will make Models/Project on any one of the following:-.

- ★ 1. End of bipolarity including the model of Gwalior fort
- ★ 2. Planned development including the model of Golconda fort
- ★ 3. Alternatives centers of Power including the model of Kangra fort
- ★ 4. Nation building including the model of Mahendragarh fort.
- ★ 5. Globalisation including the model of Junagarh Fort

★ **ACTIVITY INSTRUCTIONS:**

★ * Visit the following links for reference:

★ <https://youtu.be/gLZ9zFVpVaw>

★ <https://youtu.be/PujlScSyaME>