

GREEN LAND CONVENT SCHOOL
(SENIOR SECONDARY)
NEW SUBHASH NAGAR, LUDHIANA.



SUMMER VACATION
HOMEWORK
SESSION 2024-2025

CLASS X

SUBJECT-ENGLISH

Life is like riding a bicycle. To keep your balance, you must keep moving.

Project 1

Design a 3d diorama on any one of the following chapters:- (Roll No. 1-10)

Dust of Snow, Fire And Ice, The Ball Poem

Design a 3d diorama on any one of the following chapters:- (Roll No. 11-20)

A Letter To God, Two Stories About Flying, A triumph of Surgery

Click on the youTube link for reference:- <https://you.be/1gb4rE81RXM>

Resuse the material as much as you can.

Project 2

Jewellery Making Art (For Ears) (Roll No. 21-27)

Make minimum two jewellery pieces from reuseable craft material

Jewellery Making Art (For Neck/head) (Roll No. 28-35)

Make minimum two jewellery pieces from reuseable craft material

Project 3

Mural Making Activity (Roll No. 36 onwards)

From The Diary of Anne Frank, Nelson Mandela: Long Walk To Freedom

Project 4 is compulsory for all the students of class:-

Read the book ‘Can I Have A Chocolate Milkshake?’ By Rajat Mishra

Write a book review on it.

SUBJECT- S.SCIENCE

Name of the Project :- Model (Roll No. 1-10)

CONSUMER AWARENESS

The content must cover the following:

- Meaning of Consumer Awareness
- Forms of Consumer Exploitation / Malpractices
- Factors causing exploitation of the Consumers
- Enactment of COPRA 1986 and its benefits
- Role of WTO in protection of Consumers
- Rights and Duties of the Consumers
- Consumer Protection Measures Relevant case studies (any two)

SOCIAL ISSUES (Roll No. 11-20)

Prepare a Model on any three of the following social evils still prevailing in our society; highlighting the reasons, effects and suggest solutions to get them eliminated from our

country.

- Poverty
- Illiteracy
- Corruption
- Gender Inequality
- Inflation, hoarding and panic buying during pandemic crisis
- Domestic violence against women and child abuse.
- The students must write about following key matter:
 - a. Social issues in Indian Society
 - b. Reforms initiated to combat the social issues
 - c. Role of Popular leaders and movements.

Natural vegetation and wildlife of Andhra Pradesh (Roll No.21-30)

The students must write about following key matter:

- a. Natural vegetation.
- b. Flora and Fauna
- c. Bird Sanctuaries.

For Roll No. 31-36

Would you protest if a commodity that is dear to people is taken away or made unavailable? Imagine the role of Gandhiji in Salt March and write down how similar or differently you would have acted.

To be written in history register and Take printout and paste it in your notebook.

For Roll No. 37-onwards

Health and physical education Activity

Create an advertisement on healthy eating habits, importance of education and personal hygiene among your family members and peers as part of developmental goals.

You can use Canva or any other software tool/App.Take printout and paste it in your notebook

SUBJECT- MATHEMATICS

NAME OF THE ACTIVITY: Model/Document Making

Do any one project from following and submit it to your teacher in the form of a video of model and its explanation.

NAME OF THE PROJECT:- MODEL :

1. Pythagoras Theorem
2. Curved Surface Area and Total Surface Area of a Cylinder
3. Area of Circle
4. Dream House

Activity instructions:- Students will go through their lab manuals or visit the following

[YouTube Links to make the models](#)

<https://youtu.be/lgY9PeX4N6c> <https://youtu.be/10Zg75FMXwM>
<https://youtu.be/kS5ovu46D9w> <https://youtu.be/zvyVHYGWelo>
<https://youtu.be/XS7saLEnUuc>

SUBJECT- SCIENCE

BIOLOGY (Roll no.1-5)

NAME OF THE PROJECT: Make a working model of Human Digestive System

TOPIC: Nutrition in Human Beings

ACTIVITY INSTRUCTIONS

<https://youtu.be/yOEHQsroIOU>

The model should contain following information:

1. Make an attractive working model of 5X5 “ inch.
2. Make 4 charts to show principal, advantages, material used and sketch of this model.

Roll NO:6 TO 11

NAME OF THE PROJECT: Make a working model of Human Heart

TOPIC: Blood Circulation in Human Beings

ACTIVITY INSTRUCTIONS

<https://youtu.be/HZWFYai8d-I>

The model should contain following information:

1. Make an attractive working model of 5X5 “ inch.
2. Make 4 charts to show principal, advantages, material used and sketch of this model.

CHEMISTRY(Roll no.12-20)

NAME OF THE PROJECT:- Make a working model of PH meter

TOPIC:- Detecting acids bases and salts.

ACTIVITY INSTRUCTIONS

<https://youtu.be/I9J7HGR-HiQ>

The model should contain the following information :

1. Make an attractive working model of 3X5 “ inch.
2. Make 4 charts to show principal, advantages, material used and sketch of this model

(Roll no.21-25)

NAME OF THE PROJECT:- Make a 3d working model

TOPIC:- Periodic Table

ACTIVITY INSTRUCTIONS

<https://youtu.be/mFdmc2HMiF4>

The model should contain the following information :

1. Make an attractive working model of 5X5 “ inch.
2. Make 4 charts to show principal, advantages, material used and sketch of this model.

(Roll no.26-30)

NAME OF THE PROJECT:- Make a 3d working model

TOPIC:- Allotropes of Carbon

ACTIVITY INSTRUCTIONS

<https://youtu.be/PG7taCSFTWQ>

The model should contain the following information :

1. Make an attractive working model of 3X5 inch.
2. Make 4 charts to show principal, advantages, material used and sketch of this model.

ROLL NO. 31-35

NAME OF THE PROJECT: Make a working model of Transportation in Plants.

TOPIC: Transportation of water and food in plants.

ACTIVITY INSTRUCTIONS

<https://www.youtube.com/watch?v=d8i2P0KKjOk>

<http://yuotu.be/d8i2P0KKjOk>

The model should contain following information:

1. Make an attractive working model of 5X5 “ inch.
2. Make 4 charts to show principal, advantages, material used and sketch of this model.

PHYSICS

NAME OF THE PROJECT: Power point Presentation

TOPIC:

1. Electric motor (**Roll no.36-37**)
2. Combination of Resistance (**Roll no.38-39**)
3. Ohms law (**Roll no.40-41**)

ACTIVITY INSTRUCTIONS

1. The presentation should be of 10-15 slides
2. Slide one – Name of the School , subject ,name of the student ,class and section.
3. Slide two- Index (by using Table)
4. Slide three- Introduction of your topic
5. Slide four to 10 or 15 -Content
6. Last slide – Acknowledgement (It’s a must)

Revise all the syllabus done in class .

ਵਿਸ਼ਾ- ਪੰਜਾਬੀ

1. ਪ੍ਰੋਜੈਕਟ:- ਮਾਡਲ ਤਿਆਰ ਕਰੋ ਵਿਸ਼ਾ:- ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ ਰੋਲ ਨੰਬਰ: 1 ਤੋਂ 17
2. ਪ੍ਰੋਜੈਕਟ:- ਵਰਕਿੰਗ ਮਾਡਲ ਤਿਆਰ ਕਰੋ। ਵਿਸ਼ਾ:- ਪ੍ਰਮੁੱਖ ਲੋਕ ਖੇਡਾਂ ਰੋਲ ਨੰਬਰ: 18 ਤੋਂ 37

विषय हिंदी

* निम्न में से किसी एक विषय पर कहानी लेखन करें:

प्रारंभिक वाक्य: "जब मैंने उस पुराने बक्से को खोला, तो अंदर एक पुरानी डायरी मिली। उस डायरी के पहले पन्ने पर लिखा था...

"प्रारंभिक वाक्य: "अचानक मेरे कमरे की दीवार से एक चमकदार रोशनी आई और जब मैंने मुड़कर देखा तो..."2.

*. संवाद लेखन:विषय:

दो दोस्तों के बीच संवाद, जहाँ वे अपनी छुट्टियों के अनुभव साझा कर रहे हैं।

एक अध्यापक और छात्र के बीच संवाद, जहाँ छात्र अपने जीवन के लक्ष्यों के बारे में बात कर रहा है। *डायरी लेखन:विषय:

"मेरे जीवन का सबसे सुखद दिन"

"आज मैंने क्या सीखा?"

* चित्र वर्णन:

* एक चित्र चुनें और उसका वर्णन करते हुए एक कहानी लिखें।

* एक प्रसिद्ध चित्रकार की पेंटिंग देखें और उसके आधार पर एक रचना तैयार करें।