

A photograph of the Green Land Convent School building, a large, multi-story structure with a prominent central dome and arched windows. The building is white with red accents. In the foreground, there is a green lawn and several flagpoles with flags. The sky is clear and blue.

GREEN LAND CONVENT SCHOOL
(Senior Secondary)
New Subhash Nagar, Ludhiana

SUMMER VACATION HOMEWORK
FOR
Class XI
SESSION 2024-2025



**IF YOU ARE NOT
WILLING TO LEARN,**

**NO ONE CAN
HELP YOU.**



**IF YOU ARE
DETERMINED
TO LEARN,**

**NO ONE CAN
STOP YOU.**

ENGLISH CORE

NAME OF THE ACTIVITY: MODEL MAKING

- Prepare a model of the earth showing how man has tarnished it and prepare a collage depicting how earth can be saved.
- Make a 3D model of a yacht showing all its parts, and give it a name, inscribed or written on a flag fixed over it. (WE ARE NOT AFRAID TO DIE...)

<https://www.youtube.com/watch?v=u9LyIWlkDd4>

Read Book 'You Become What You Think' and write book review.

ACCOUNTANCY

NAME OF THE PROJECT:- Make project on any one of the topics given below:-

1. Make a ATM Machine (Roll no 1-10)
2. Sector of Economy (Roll no 11-20)
3. E-commerce (Roll no 21-30)
4. Accountancy Dictionary (Roll no 31-40)
5. Channel of distribution (Roll No 41-46)
6. Model on GST (Roll No 47-onwards)

ECONOMICS

NAME OF THE PROJECT:- Make project on any one of the topics given below:-

1. Model on types of economic activities (1-10) <https://youtu.be/eK68aZNNmO0>
- 2.. Types of markets (11-20) <https://youtu.be/adQN7K12Fo4>
<https://youtu.be/KPW6B35en0o>
3. Poverty and unemployment (21-30) https://youtu.be/_AeXf7X1zRQ
4. Model on development of money(31-40)
<https://youtu.be/bKH9abr8dr0>
5. Model on BANKS(41-48)
<https://youtu.be/5FH5LqIu3Ho>
6. Model on stock exchange (49 onwards)
<https://youtube.com/shorts/Cqnx43-FLRQ?feature=share>

BUSINESS STUDIES

NAME OF THE PROJECT:- Make project on any one of the topics given below:-

1.A Visit to a Departmental Store/ Forms of Business Organisations

The students are required to observe the following:

- a) Different departments and their lay out.
- b) Nature of products offered for sale.
- c) Display of fresh arrivals.
- d) Promotional campaigns.
- e) Spaces and advertisements.
- f) Assistance by Sales Personnel.
- g) Billing counter at store – Cash, Credit Card/ Debit Card, swipe facility. Added attractions and facilities at the counter.
- h) Additional facilities offered to customers
- i) Any other relevant aspect

2. Visit to a Mall.

The students are required to observe the following:

- a) Number of floors, shops occupied and unoccupied.
- b) Nature of shops, their ownership status
- c) Nature of goods dealt in: local brands, international brands,
- d) Service business shops- Spas, gym, saloons etc.
- e) Rented spaces, owned spaces,
- f) Different types of promotional schemes.
- g) Most visited shops.
- h) Special attractions of the Mall- Food court, Gaming zone or Cinema etc.
- i) Innovative facilities
- j) Parking facilities. Teachers may add more to the list.

Model :Its compulsory to make model. Marks will be added in the final assessment . Some links of models are given below:-

<https://www.youtube.com/watch?v=k7jXmimWbtY> (Roll No 1-8)

<https://www.youtube.com/watch?v=7I608oCX5RA>(Roll No 9-16)

https://www.youtube.com/watch?v=_oQmOCDdoJs(Roll No 17-24)

<https://www.youtube.com/watch?v=y8G34kGca5A>(Roll No 25-32)

<https://www.youtube.com/watch?v=y8G34kGca5A>(Roll No 23- 43onwards)

<https://www.youtube.com/watch?v=7I608oCX5RA&pp=ygUWYnVzaW5lc3Mgc3R1ZGZlIG1vZGVscw%3D%3D> (Roll no. 44- onwards)

<https://www.youtube.com/watch?v=RPn5UVNsn10&pp=ygUWYnVzaW5lc3Mgc3R1ZGZlIG1vZGVscw%3D%3D>

Students can choose also other model after consulting to undersigned teacher.

PHYSICS

NAME OF THE PROJECT: Prepare Investigatory Project file and Model making on **ANYONE** of the following topics:-

- | | |
|----------------------------|--------------------------------------|
| 1 Hydraulic Arm (1-4 Med.) | 2 Vacuum Cleaner(5-8 Med.) |
| 3 Wireless Charger | 4 Fire Alarm (13-16 Med.) |
| 5 Magic Tap (17-19 Med.) | 6. Conservation of Energy(1-5N Med.) |
1. Pascal's Law Application (6-10N. Med)
 2. 8. Simple harmonic motion(11-14 N.Med.)

BIOLOGY

NAME OF THE PROJECT: Prepare Project files and models on any one of the following topics:-

- | | |
|--|---------------------------|
| 1.Hypertension (1-2) | 2.Floriculture (3-4) |
| 3.Asthma (5-6) | 4.Thyroid gland (7-8) |
| 5.Benefits of seeds(10) | 6.Uses of algae (11-12) |
| 7.Photosynthesis (13-14) | 8.Plastids(15-16) |
| 9.Mitosis as equational division (17-18) | 10.Arthritis (19-onwards) |

2.Students can go visit the following links:

https://youtu.be/tI_yUnZp-1Hc

<https://youtu.be/TAn3VAwCkE>

<https://youtu.be/KZedaYRJ3O0>

<https://youtu.be/eZ4veMcEkJs>

<https://youtu.be/YhI9oI593Es>

https://youtu.be/dtu_Ry3srbs

CHEMISTRY

NAME OF THE ACTIVITY: Model Making

NAME OF THE PROJECT: Students will make Models as per their Roll Nos.

1. Carbon capture machine ROLL NO (1-5) Med. & Non med.

<https://youtu.be/SXJC9DRAdAU>

2. Acid rain working model ROLL NO (6-10) Med. & Non med.

https://youtu.be/R_J1twu_YIw

3. Climate change working model ROLL NO (11-15) Med. & Non med.

<https://youtu.be/XXRuCdEjdCk>

4. 3D PERIODIC TABLE MODEL ROLL NO (16-20) Med. & Non med.

<https://youtu.be/gLZ9zFVpVaw>

Or Students can make model on any one of the topic given below after consulting your teacher:-

5. Robotic Smoke Machine

<https://youtu.be/5o1RJ5Sh6uE>

6. Arduino obstacle avoiding + voice control + Bluetooth control ROBOT

https://youtu.be/aE_J7B-O4VQ

7. Laser Home Security System

<https://youtu.be/LeXdsz6Jm58>

MATHEMATICS

NAME OF THE ACTIVITY: Model Making

NAME OF THE PROJECT:- Students will make any one model or project given below:

1. Project on Reactions and Functions.
2. Project on sets.
3. Model on Venn diagram.

1. Students will go through their lab manuals to make the models or they can visit the following link:

<https://www.icbse.com>

<https://youtu.be/ZAP1bYfXT4k>

https://youtu.be/Yhpe_R7eHTI

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

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

HISTORY

NAME OF THE ACTIVITY: Model Making

NAME OF THE PROJECT: Students will make any one of the Models/project as per the instructions of your teacher:-

- The Harappan Civilization with wood
<https://youtu.be/sMGZ3xgsyWk>
- 3D model of Mahabharata
<https://youtu.be/GNKOqQ6Ifrg>
- 3D New Parliament
https://youtu.be/_AOzpFXocKI
- 3D Development of China and Japan
- 3 D different form of the government

<https://youtu.be/GRauXCTX1sM>

POLITICAL SCIENCE

NAME OF THE ACTIVITY: Model Making

NAME OF THE PROJECT: Students will make any one of the Models as per the instructions given by teacher:-

- Red Fort with wood
<https://youtu.be/-iiWis1Qe-U>
- 3D model of statue of Liberty
<https://youtu.be/XLSNzDYzGug>
- 3 D Burj Khalifa
- Hanging Globe minimum 5
<https://youtu.be/Km-GgdOnaKQ>
- 3 D different organs of the government
<https://youtube.com/shorts/KjWSsjrra18?feature=share>

PUNJABI

ਵਿਸ਼ਾ- ਪੰਜਾਬੀ

1. ਪ੍ਰੋਜੈਕਟ:- ਵਰਕਿੰਗ ਮਾਡਲ ਤਿਆਰ ਕਰੋ(Do any one)

- ਵਿਸ਼ਾ:- 1. ਪੰਜਾਬ ਦੇ ਲੋਕ ਗੀਤ
2. ਵਿਸਾਖੀ ਦਾ ਮੇਲਾ

ਜਰੂਰੀ ਨਿਰਦੇਸ਼:-

- *ਮਾਡਲ ਵਰਕਿੰਗ ਹੋਵੇ।
- *ਮਾਡਲ ਵਿੱਚ ਪੰਜਾਬ ਦੇ ਲੋਕ ਗੀਤਾਂ ਦੀਆਂ ਵੱਖ-ਵੱਖ ਵੰਨਗੀਆਂ ਦਰਸਾਓ।
- * ਵਿਸਾਖੀ ਦੇ ਮੇਲੇ ਦਾ ਪੂਰਾ ਦ੍ਰਿਸ਼ ਦਰਸਾਓ
- *ਮਾਡਲ ਦਾ ਸਾਈਜ਼ 5x5 ਹੋਵੇ।
- *ਮਾਡਲ ਸਬੰਧੀ ਜਾਣਕਾਰੀ ਦਿੰਦੇ ਹੋਏ ਇਕ ਫਾਈਲ ਵੀ ਤਿਆਰ ਕਰੋ।

HINDI MUSIC VOCAL

Activity : Project File Making on any one of the following:-

Topic : Raga Bihag, Raga Bheemplasi, Tala Teen taal, Tala Ektaal.

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 or lamination sheet.

Topic -2

To Prepare one devotional song.

Instructions :

- * Choose any of your favourite devotional song.
- * Do understand the meaning and learn the composition.
- * And prepare it to recite in class activity.
- * You also can make videos of yourself while singing the song and send it to me on my personal whatsapp number.

Model making :-

Model of RHYTHM instruments.

<https://youtu.be/AEd3f9qYy5s>

- * Music instrument Model with waste material producing music.
- * Model with Bangles producing Music.

* Link for Multi instruments

<https://youtu.be/Zz49PG28Htg>

- * Biography of pandit Vishnu Narayan Bhatkhande hatkhande.

PAINTING

- 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.
- Make a painting Composition on any of the following five subjects in any medium water, tempera, acrylic of your choice on a drawing paper of Half imperial size either horizontally or vertically.
- Your composition should be effective and original.
- Create a Folk Art painting. E.g. Mithila painting, Warli painting ,Pattachithra.

PHYSICAL EDUCATION

- Complete the following tasks in your Physical Education Practical file.
- You must draw all the required pictures along with the tasks.

- Write about any one sport/ game of your choice in detail.
- Also mention it's rules, regulations, terminologies and skills.
- Write about any five yoga/asanas of your choice mentioning their procedure, benefits and precautions.
- Prepare a Model of any one sport/game of your choice.

