



**CLASS - X**

**SUMMER HOLIDAY HOMEWORK**



**GENERAL INSTRUCTIONS:**

- Handwriting should be neat and legible.
- The holiday homework would be graded.
- The work should be original and not copied from internet.
- The assignments should be submitted to the respective teachers as per the submission dates mentioned below.

**ENGLISH & SOCIAL SCIENCE**

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**SUBMISSION DATE: 7th July**

Preparation of scrapbook-

TOPIC- POWER SHARING DYNAMICS IN INDIA AND SRI-LANKA

Including the following points:

1. Difficulty in power sharing
2. Causes of conflict
3. Methods to resolve conflict
4. One Questionnaire –comprising 7 Questions and its analysis.

Prepare a power-point presentation (including pictures, videos) on managing disaster – The role of students. Also, discuss the ways to control and precautions to be taken for disaster management on the following themes.

ROLL NO.	THEME
1-8	EARTHQUAKE
9-16	TSUNAMI
17-23	FLOOD
24-29	DROUGHT


**HINDI**

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कवि कबीर के जीवन पर आधारित आकर्षक परियोजना बनाइए जिसमें निम्नलिखित बिंदुओं का समावेश होः -

- जन्मस्थान
  - जीवनकाल 'जन्म - मृत्यु'
  - भाषागत विशेषता
  - दोहों का संकलन दोहा अर्थ सहित
- सूचना - परियोजना कार्य में रचनात्मकता का विशेष ध्यान रखें

**MATHEMATICS**

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**SUBMISSION DATE: 8th July**

Prepare a project file on the topic assigned as per the roll no.

Roll no.	PROJECT
1-10	Application of mathematics in Architecture
11-20	Making and application of a Clinometer
21-29	Geometric proof and application of Pythagoras Theorem

**SCIENCE**

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**SUBMISSION DATE: 7th July**

GROUP	Model/Projects
1	Energy pyramid and 10% law
2	Green roof technologies/roof mounted solar technologies such as solar water heater, solar lighting system
3	Doble helix DNA model



4	Energy from biomass such as seaweeds, human/animal wastes, keeping in view environmental concerns
5	Model on laws of inheritance
6	Use of tidal waves/ocean currents/salinity gradient for generating electricity
7	Model of endocrine glands in human body
8	Global concerns
9	Production of electrical energy from mechanical energy
10	Bio diesel from plant oils (obtained from canola, palm oil, micro algae oil, waste, vegetable oil etc)

**SANSKRIT**

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**SUBMISSION DATE: 7th July**

संधि पर उदाहरणों व चित्र सहित एक प्रोजेक्ट बनाएं।

**FRENCH**

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**SUBMISSION DATE: 7th July**

Make a project on ' Les pronoms relatifs simples et composés ' .

**COMPUTER SCIENCE**

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**SUBMISSION DATE: 8th July**

Create a website using HTML and CSS on the topic:  
'Cloud Computing- Platform for innovative applications'

# Happy Holidays!