



GREENWAY MODERN SCHOOL
DILSHAD GARDEN
HOLIDAY HOMEWORK
CLASS X (2021-22)

"The holiday season is a perfect time to reflect on blessings and take out ways to make life better for those around us".

Summer Vacation is the most awaited time for parents and kids alike. However, this time it is different due to COVID-19 as students are already not going to school. Thus, our responsibilities get double to keep our children active. We, at Greenway, understand it very well that presently our proximity to resources is limited. Considering this, we have tried to keep "Summer Holidays Homework" simple and informative but interesting as well, so that our students love to spend their time in completing it.

The objective of holidays homework is to enable our students work independently and also to improve their academic skills.

Here are few suggestions for parents:

- Make sure that you are spending quality time with your wards amidst this tensed environment. It is very important to keep their anxiety at minimum.
- Giving them small responsibilities in household chores will aid them to be independent.
- Teach them the importance of moral values in their life.
- Motivate them to read good books.
- Keeping in view the prevailing situation indulge yourself in various indoor games with them.
- We cannot overlook the fact that the Summer Holidays are the time to relax and revive. While the entire world is struggling hard in recovering from the pandemic COVID-19, we together will have to make it sure that our youth is least affected from the panic around. So, make these holidays memorable for them by providing a nurtured and stimulated environment at home which is full of fun, excitement, and learning.
- Holiday Homework of all the subjects must be submitted to the respective teachers as per their instructions.
- Encourage your child to read E-newspaper sent in the class groups every day, because it not only enhances the knowledge acquired but also develops the vocabulary, language skills.

Please note:

- Use resources (rough notebook, ruled/coloured sheets) only which are available at home to complete the Holiday Homework.
- Prepare a systematic timetable and follow it religiously from the very first day.

Wish you all a fun filled, safe and healthy holidays ahead!

ENGLISH

Completion of assignments related to the following poems:

Dust of Snow

Fire and Ice

A Tiger in the Zoo

Amanda

NOTE:

Assignment worksheets will be shared via MS Teams, to be solved in the English register.

HINDI

❖ कबीरदास के दोहों में धार्मिक आडम्बरों का विरोध मिलता है। इसका क्या कारण है? कबीर की समकालीन परिस्थितियों का परिचय देते हुए पाठ्येतर कोई दस कबीर के दोहे लिखिए जो आज भी प्रासंगिक हैं। उनसे मिलने वाली शिक्षा भी लिखिए।

❖ अपने घर अथवा पड़ोस के किसी वरिष्ठ व्यक्ति के समय की शिक्षा प्रणाली पर चर्चा करते हुए अपनी आधुनिक शिक्षा प्रणाली के साथ तुलना किजिए। सारी बातचीत को रिकॉर्ड कीजिए।

❖ शरीर के भिन्न-भिन्न अंगों पर आधारित कोई 25 मुहावरे अर्थ सहित कलात्मक प्रस्तुत कीजिए।

❖ कोई भी पाठ्येतर कहानी सुनाते अपनी वीडियो बनाइए। कहानीबिना पढ़े हाव-भाव के साथ सुनाए और विधालय की वर्दी को पहन कर इस गतिविधि को कीजिए।

MATHEMATICS

1. Revise the following topics of Chapter-1 from exemplar:

- (i) Euclid's Division Lemma
- (ii) Fundamental Theorem of Arithmetic
- (iii) Revisiting rational and irrational numbers

2. Revise the following topics of Chapter-3 from NCERT:

- (i) Graphical Method of solving linear equations
- (ii) Substitution Method and Elimination Method

Try for different approaches to solve the sums.

3. Make a power point presentation on geometrical shapes used in your home.

- (i) Name of the shapes
- (ii) Its measurements
- (iii) Its use in adding to artistic value to the house

You can add other points to make the presentation more creative

SCIENCE

1. Complete questions and answers of lesson - chemical equations and reactions, our environment, Acids, bases and salts, Sources of energy.

2. Revise and complete above mentioned chapters from NCERT exemplar also.

3. Make separate notebook and write results of all activities discussed in class.

4. The gas A is inhaled by man to oxidize food and obtain energy by the process of respiration. The radiations X act on gas A and convert it into another gas B. The gas B if inhaled is poisonous. However, at higher levels of atmosphere, it forms a layer C which absorbs the radiations X coming from sun and prevents them from reaching the earth. Some chemical substances D are released from refrigerants and fire extinguishers and destroy the layers C, which has already caused a hole in it over the area E.

i) Name the gases A and B .write their molecular formula.

(ii) Name X and D.

(iii) Name the area E.

(iv) Name the layer C. How is it useful for us?

(v) How will you save the layer C from depletion? How to replace these essentials with eco-friendly alternative:-plastic plates

5. Given below is an outline of the process of photosynthesis. Fill in the missing terms.

During photosynthesis, plants take in ___ gas from atmosphere which enters through ___ present on leaves and ___ from soil. The green pigment ___ absorbs ___ energy which drives the process. Chlorophyll is contained within organelles called ___. The light intensity, at which the photosynthetic intake of CO₂ is equal to the respiratory output of CO₂ is called _____. ___ transport occurs against concentration gradient. Other term for autotrophic nutrition is _____. Light reaction is also called as ___ phase. _____ manufacture their food from inorganic substances in the presence of energy derived from the oxidation of simple inorganic compounds of iron, sulphur etc. The equation for photosynthesis is _____.

6. Make one hand written project with pictures and diagrams on any one topic:

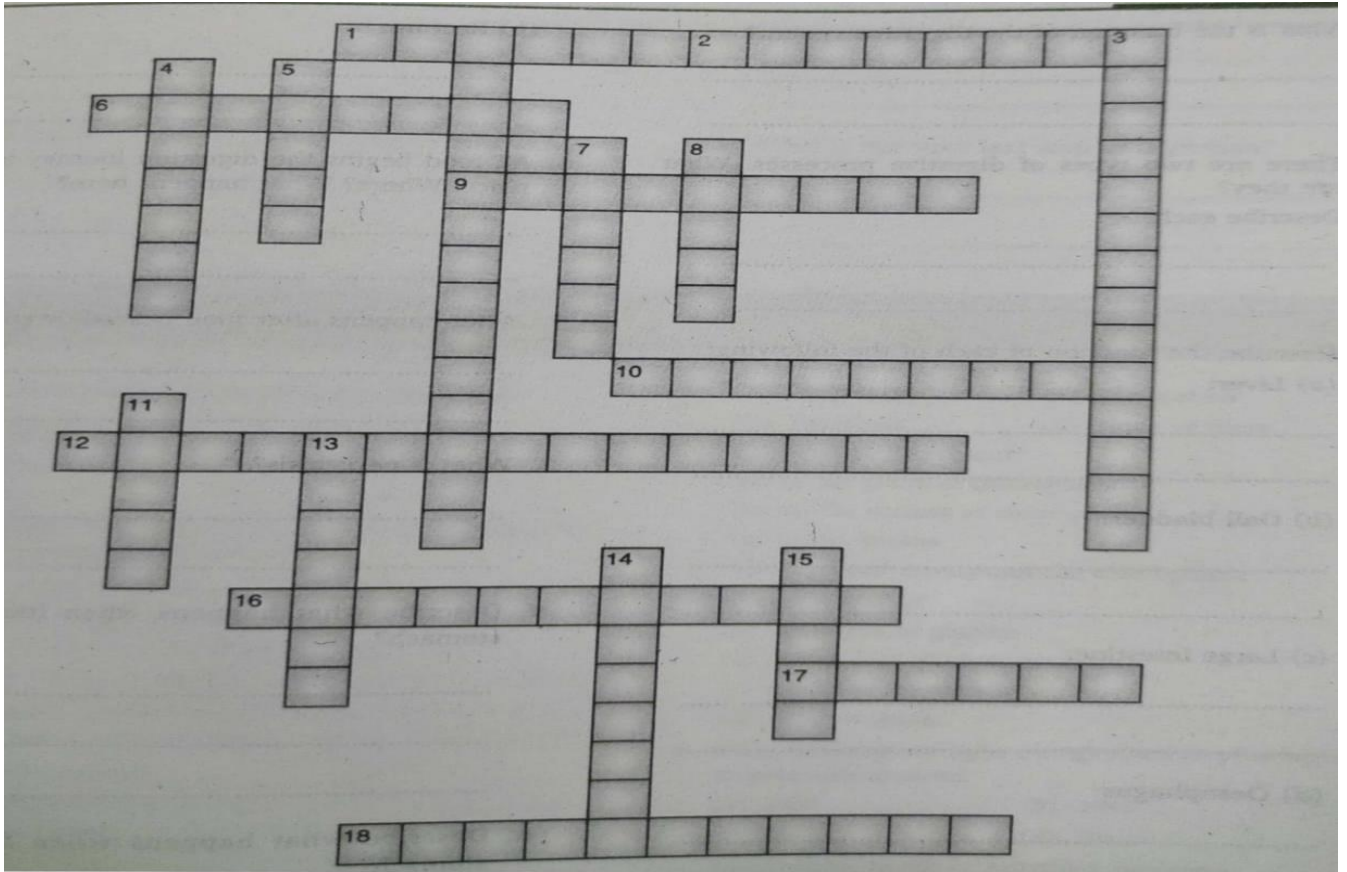
- Is covid 19 a disease or biological weapon?
- How you work on your respiratory health?
- Sources of energy.

Enjoy Biology with a Puzzle

1. moisten food and make it easier to swallow.
2. In the, water is removed from food waste.
3. Nutrients are absorbed from food in the, the longest organ in the digestive system.
4. in saliva begin to breakdown food.
5. Hair-like soak up nutrients.
6. help bite into food.
7. Wide and flat grind food to a pulp.
8. In the stomach, the food is mixed into a yellow liquid called

9. This tube connects the mouth and stomach.
10. After the body absorbs from food, what's left is considered waste.
11. The uses nutrients from food to form more than 1,000 different chemicals.
12. in the stomach and small intestine breakdown food into chemicals the body can use.
13. In the, food is mashed and mixed with digestive juices.
14. One of the organs that make digestive juices that are used in the small intestine.
15. Biters and mashers are
16. One of the organs that make digestive juices that are used in the small intestine.
17. In addition to tasting, the moves food around the mouth.

18. This "squeezing" motion pushes food through the esophagus and the rest of the digestive tract.



SOCIAL SCIENCE

1. Project Work on any one of the following topics:

Consumer Awareness

OR

Social Issues

OR

Sustainable Development

NOTE:

- Students are expected to apply the Social Science concepts that they have learnt over the years in order to prepare the Project Report.
- The Project Report should be handwritten by the students themselves. (8-10 Pages)
- The Project prepared should be made from eco-friendly products without incurring too much expenditure.
- The Project Work must include Cover Page, Certificate, Acknowledgement, Index, and Bibliography.

2. **GEOGRAPHY** Chapter 1: Resources and Development
Outline Political Map of India: Major soil Types.
Paste or draw the map in the fair notebook.
3. Complete the Assignments of **Resources and Development** and **Power Sharing** shared below in the fair notebook and submit in the Assignment Tab of MS Teams. An Assignment will be created for the same.
4. Revise the chapters done in class.

ASSIGNMENT 1:

GREENWAY MODERN SCHOOL

ASSIGNMENT

CLASS X GEOGRAPHY

CHAPTER - RESOURCES AND DEVELOPMENT

- Q1. What does the process of transformation of things involve?
- Q2. On what basis resources can be classified?
- Q3. Classify resources on the basis of ownership and explain with the help of suitable examples.
- Q4. Mention two global ecological crisis due to indiscriminate exploitation of resources.
- Q5. Why an equitable distribution of resources has become essential?
- Q6. Why was the International Earth Summit convened in Rio de Janeiro, Brazil in 1992?
- Q7. What according to Mahatma Gandhi are the root causes for resource depletion at global level?
- Q8. What does the cold desert of Ladakh lack in?
- Q9. Resources can contribute to development only when they are accompanied by appropriate technological development and institutional changes. Explain with examples.
- Q10. Define resource planning. Why is balanced resource planning necessary in India? Explain.
- Q11. Define the following:
 - (a) Current fallow land.
 - (b) Other than current fallow land.
 - (c) Culturable waste land.
- Q12. Explain the two types of soil erosion mostly observed in India. Explain three human activities responsible for soil erosion.
- Q13. What type of soil is found in the river deltas of the eastern coast? Give main features of this type of soil.
- Q14. How have technical and economic development led to more consumption of resources?

Q15. Explain land use pattern in India and why has the land under forests not increased since 1960-61?

Q16. Distinguish between Khadar and Bangar soil.

Q17. State any one state of India where over irrigation, over grazing and over mining is responsible for land degradation? Explain how human activities are responsible for land degradation in India?

ASSIGNMENT 2:

GREENWAY MODERN SCHOOL

ASSIGNMENT

CLASS X POLITICAL SCIENCE

CHAPTER 1 POWER SHARING

Q1. What is ethnic composition of Belgium?

Q2. How is the political system in Belgium innovative and different from other countries of the world?

Q3. What is Majoritarianism? How has it increased the feelings of alienation among Sri Lankan Tamils?

Q4. Describe the way in which power can be shared among different organs of the government.

Q5. Explain the main features of Belgian model of power sharing.

Q6. State briefly the methods adopted by Sri Lanka and Belgium to solve their ethnic problem.

Q7. Which type of policy was constitutionally adopted by the government of Belgium to honour the diversities?

Q8. Why is the Sinhala community given a dominant position by Sri Lankan government?

Q9. Which factor is responsible for increasing the feeling of alienation among Sri Lankan Tamils?

Q10. Give one word to describe the Belgian method of power sharing.

Q11. State two main basis of social divisions in Sri Lanka.

Q12. Describe the demands of Sri Lankan Tamils. How did they struggle for their demands?

Q13. Sharing of powers make a country more powerful and united. Do you agree with the statement? Why?

Q14. Explain the differences between horizontal and vertical power sharing.

STAY HOME

STAY HEALTHY

STAY POSITIVE

