

**DR. VIRENDRA SWARUP PUBLIC SCHOOL,**  
**KALYANPUR**

**SESSION: - 2023-24**

**CLASS: - VIII**

**SUMMER**

**HOLIDAY**

**HOMEWORK**

THE SUMMER'S HERE SO HAVE SOME FUN;

GO ON ....GET YOUR HOMEWORK DONE!

- ❖ Take a photo of a sunset
- ❖ Read a book to a younger family member
- ❖ Splash
- ❖ Go fly a kite
- ❖ Random acts of kindness
- ❖ Prepare a healthy and a delicious ice cream
- ❖ Leave someone puzzled by a magic trick
- ❖ Build an epic den



## Ecological Balance: The Need of the Hour!

What makes something "balanced"? The term is thrown around a lot in discussions about the environment, but what does it really mean? Ecological balance is achieved when there are no negative effects on the planet. This means that every organism has to have enough resources available for survival and reproduction.

Many people are unaware of the significance that ecological balance plays in our lives. We live in a society that is completely dependent on natural resources for survival, yet we do not always protect them. There are many things that contribute to an imbalance, and we want to talk about some of them in this article. So, how can we work to maintain ecological balance?

There are some ways you can help make the world a more ecologically balanced place

### Today's Wastage is tomorrow's Shortage

Energy is precious, so let's not waste it. We can conserve energy by turning off lights and fans when not in use, using public transport or carpooling instead of private vehicles, and using energy-efficient appliances. By conserving energy, we can save money on our electricity bills and help protect the environment. So let's all do our part to conserve energy and make the world a better place!

### POINTS TO REMEMBER

- The holiday homework in all subjects will be marked out of 10. No marks will be given in case the holiday homework is not submitted.
- All the sheets should be well labelled.
- The work should be neatly done under the supervision of parents.
- The work in different subjects should be handed over to the concerned subject teacher latest by 8th July 2023.
- All the subject related projects should be sent to school in a folder.

## ENGLISH:

- Write a letter to the electricity department of your area (KESCO) complaining about the street lights that are left on for 24 hours.
- House plants cool indoor temperatures thereby, lowering energy costs and corresponding bills. Therefore, grow a houseplant (money plant, aloe-vera, tulsi etc) to conserve the electricity of your house.

## HINDI:

- सचित्र परियोजना तैयार कीजिये

ई -कचरा (शब्द सीमा -300 शब्द)

- ई - कचरे का अर्थ
- ई -कचरे के स्रोत
- भारत में ई- कचरे की स्थिति
- ई -कचरे के कारण
- ई - कचरे के दुष्प्रभाव
- ई -कचरे पर नियंत्रण

## MATHS:

- Solve the exercise given in the book under the heading 'ASSESS YOURSELF' from the chapters-1, 2 & 3.
- Prepare the models related to the topics given under the heading 'MATHS LAB ACTIVITY' from the chapters- 1, 2 & 3.

## SCIENCE:

- The principle of energy conservation states that energy is neither created nor destroyed. It may transform from one type to another. The goal with energy conservation techniques is to reduce demand, protect and replenish supplies, develop and use alternative energy sources, and to clean up the damage from the prior energy processes.
- Prepare a working model to show the concept of energy conservation using the items that are no more in use at your home.

For more information, visit the following link-

<https://youtu.be/8ulMGBSa65U>

## SOCIAL SCIENCE:

- Resources are vital for human survival as well as for maintaining the quality of life. These resources are the free gifts of nature and are considered to be a boon for their existence, but human beings are using these resources indiscriminately which has led to the ecological imbalance and danger not only for the existence of human life but for the Earth also. Keeping this thought in view, make a 'Scrap Book' of minimum **10 to 15 pages**, presenting judicious use of Renewable and Non-renewable energy sources that helps to maintain 'Ecological Balance in the Ecosystem'.

Following points should also be considered -

- What is ecological balance?
- What is the negative impact of ecological imbalance?
- Various human activities responsible for natural imbalance
- Different methods or ways of using energy sources to maintain balance in nature

## COMPUTER:

I. Make an informative presentation in power point on any **one** of the following topics:

1. What is Computer network and why is it useful? Differentiate between different types of networks.
2. What Sort of components are required to build a computer network? State and explain the role of these network components.
3. What is network topology? Explain different types of network topologies.
4. Advantages of computer networking.

5. How many types of computer network are there? Explain the classification of computer network depending on the geographical area covered by a network.

## II. HTML (To be done in notebook)

Try the HTML Code and predict the output:

<p>a. &lt;HTML&gt; &lt;HEAD&gt; &lt;TITLE&gt; MY LIST 1 &lt;/TITLE&gt;&lt;/HEAD&gt; &lt;BODY&gt; &lt;ol type="1" start="1"&gt;     &lt;li&gt;HTML&lt;/li&gt;     &lt;li&gt;Java&lt;/li&gt;     &lt;li&gt;JavaScript&lt;/li&gt;     &lt;li&gt;SQL&lt;/li&gt; &lt;/ol&gt; &lt;/BODY&gt; &lt;/HTML&gt;</p> <p>What will happen if the type is changed to "a" or "l" and start is changed to "5"</p>	<p>b. &lt;HTML&gt; &lt;HEAD&gt; &lt;TITLE&gt; MY LIST 2 &lt;/TITLE&gt;&lt;/HEAD&gt; &lt;BODY&gt; &lt;ul type="disc"&gt;     &lt;li&gt;HTML&lt;/li&gt;     &lt;li&gt;Java&lt;/li&gt;     &lt;li&gt;JavaScript&lt;/li&gt;     &lt;li&gt;SQL&lt;/li&gt; &lt;/ul&gt; &lt;/BODY&gt; &lt;/HTML&gt;</p> <p>What will happen if the type is changed to "Circle" or "Square"</p>
<p>c.</p> <pre>&lt;html&gt; &lt;body&gt; &lt;ol&gt;   &lt;li&gt;Coffee&lt;/li&gt;   &lt;li&gt;Tea     &lt;ul&gt;       &lt;li&gt;Black tea&lt;/li&gt;       &lt;li&gt;Green tea&lt;/li&gt;     &lt;/ul&gt;   &lt;/li&gt;   &lt;li&gt;Milk&lt;/li&gt; &lt;/ol&gt; &lt;/body&gt; &lt;/html&gt;</pre>	

**FRENCH-** Learn lesson 0,1 and all the work done in the notebook.

### **SANSKRIT-**

अस्माकं जीवने संस्कृत, संस्कृति किं महत्त्वं अस्ति ?

अस्य महत्त्वं हिंद्याम् लिखत।

(हमारे जीवन में संस्कृत और संस्कृति का क्या महत्त्व है इसके महत्त्व का वर्णन हिंदी में कीजिए।)

### **SUBJECT INTEGRATED-**

**Maths and G.K.:** Solve Lesson No. 1-5 from the book Logic and Beyond.

### **ART AND CRAFT:**

Make a Magazine Holder using Jute cloth, laces. Satin ribbon, artificial flowers etc.

You can visit the following YouTube link for reference-

[https://youtu.be/t\\_7Q02IFmVU](https://youtu.be/t_7Q02IFmVU)

