

DR. VIRENDRA SWARUP PUBLIC SCHOOL,
KALYANPUR

SESSION: - 2023-24

CLASS: - VII

**SUMMER
HOLIDAY
HOMEWORK**

THE SUMMER'S HERE SO HAVE SOME FUN;
GO ONGET 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!

One such resource is Water!

Hold your grip and stop that drip

The main function of water is to enhance the plant growth, provide a permanent dwelling for species that live within it, or provide a temporary home or breeding ground for multiple amphibians, insects and water-birtherd organisms, and to provide the nutrients and minerals necessary to sustain physical life.

Water for the environment underpins a range of activities and outcomes throughout the state.

Healthy rivers carry water to homes, farms, schools and businesses. Along the way they nourish entire ecosystems and provide important habitat for native plants and animals. Rivers, creeks and wetlands are the lifeblood of NSW. They make towns more liveable and provide a place to relax, unwind and reconnect with nature. For Aboriginal people, healthy rivers are essential to spiritual, cultural and physical wellbeing.

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:

- Water in different oceans and seas is of different colours. Find at least two reasons and describe individually each ocean/ sea. Also paste the relevant pictures for a better understanding. Solve the exercise in comment sheets.
- Sort the biodegradable and non-biodegradable items from the given box. Find real samples of the given objects and paste them in comment sheets.

Newspapers	Wrapping papers	Dried flowers
Milk packets	Wood scrapings	Plastic bottles
Toothbrushes	Pieces of used cloth	Paper plates
Bamboo	Capsules	Trash bags
Glass bangles	Pens	Hay

HINDI:

- प्रकृति संरक्षण के लिए सरकार के साथ-साथ जनभागीदारी का होना भी जरूरी है। प्रदूषण विषय पर लगभग 250 शब्दों में अपने विचार व्यक्त करते हुए एक परियोजना फाइल तैयार कीजिए। (उक्त कार्य कमेंट शीट पर किया जाएगा)
- 5 जून से 15 जून तक एक पेज का सुलेख लिखकर लाइए। (जो श्रुतलेख की कॉपी में लिखा जाएगा।)

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:

- Research about Hydroponics and prepare a report in a file. Mention the following in your report—
 - 1. Hydroponics: Definition and uses.
 - 2. Materials required and steps involved.
 - 3. Benefits of using hydroponics.
- Use the same technique and grow a plant.
You can visit the following YouTube links for reference-
<https://youtu.be/wBcnUUkdavE>

SOCIAL SCIENCE:

Care About Marine Animals- Plastic is not so fantastic

All of Earth's oceans share one thing in common: plastic pollution. Today, it seems that no part of the ocean is safe from plastic trash. Marine plastic pollution is a growing problem in today's world. Every minute, the equivalent of one garbage truck of plastic is dumped into our oceans. Plastic suffocates marine animals and kills upto a million each year. With the vision of clean and plastic free ocean, prepare a project on how plastic affects marine life. Focus on the theme 'Stop Ocean Plastic Pollution'

- You can include the following points-
 - how plastic find its way into the oceans
 - causes of ocean plastic pollution
 - how it affects the marine life
 - solutions to reduce or stop ocean plastic pollution
- Also, make your own aquarium using shoe boxes or cardboard boxes and seashells, waste/recycled materials.
- You can visit the following YouTube links for reference-
<https://youtu.be/1gb4rE81RXM>
<https://youtu.be/Gc8IfAao-A>
- Do the given worksheet.

COMPUTER :

AI provides tools and techniques to solve the water crisis. We deploy low-cost AI-powered sensors everywhere to monitor and manage water. People are fighting for basic necessity. We should start building these AI-based intelligent machines to solve global issues. AI has all the answers, we just need to use it in the right way to solve this water scarcity problem. Researchers are working towards a reliable, sustainable, and resilient water infrastructure with the assistance of artificial intelligence.

- Make a presentation on **Water** and **Artificial Intelligence** (atleast 10 slides). Set a beautiful background. Apply nice formatting and animation effects on it.

FRENCH-

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

SANSKRIT-

योगस्य कति प्रकाराः सन्ति सचित्रैः वर्णयत् । (योग के कितने प्रकार होते हैं सचित्र वर्णन कीजिए।)
यह कार्य कमेंट शीट में किया जाएगा।

SUBJECT INTEGRATED-

MATHS and G.K-

- Solve Lesson No. 1-5 from the book Logic and Beyond.

ART and CRAFT :

- Make a Hand Fan using wooden stick , cardboard, velvet, different shapes of mirrors and laces. You can visit the following YouTube link for reference- <https://youtu.be/lv3PitlW588>