



DAV PUBLIC SCHOOL, KAILASH HILLS

SUMMER VACATION HOME ASSIGNMENT

CLASS IV

SESSION 2024-25

Theme: SDG –13: Climate Action



Summer Holiday

Summer is a time for fun, To jump and play in the sun!
Swimming, sandcastles, slip-and-slides, Bumper cars and thrilling rides!
Summer is a time for fun, To eat a hotdog on a bun!
Camping and amusement parks, Bright fireworks in the dark!
Summer is a time for fun, To blow bubbles and catch each one!
Shells, sandals, and the seashore, Sprinklers, picnics, and so much more!

This summer break try and make a difference ...

Create a Daily Learning Routine: Establish a structured schedule for the day that includes dedicated time for reading, math practice, creative activities, and outdoor play.

Encourage Reading: Set aside time each day for independent reading or read-aloud sessions.

Explore Nature Together: Take nature walks, go on backyard scavenger hunts, or plant a small garden together.

Cook and Bake Together: Involve kids in meal preparation and baking activities. Not only does this teach them practical skills, but it also reinforces math concepts like measurement and fractions in a fun and delicious way.

Art and Craft Projects: Encourage creativity through art and craft projects. Provide a variety of materials such as paper, crayons, paint, and clay, and let kids' imaginations run wild.

Virtual Field Trips: Explore virtual field trip opportunities to museums, zoos, historical sites, and landmarks around the world.

Practice Life Skills: Teach practical life skills such as time management, organization, and basic household chores. Allow kids to take on age-appropriate responsibilities to build independence and confidence.

Stay Active: Schedule regular physical activities and exercise breaks throughout the day.

Must do:

- ❖ **Eat healthy food and drink lots of water and juices.**
- ❖ **Read everyday**
- ❖ **Watch less of T.V. and use less mobile**
- ❖ **Revise the concepts taught.**

Have a great holiday kids and enjoy yourself to your heart's content.

Reading activity:

Read any of the following book to do the activity given below.

- Malgudi Days by R.K.Narayan
- Gulliver Travels by Jonathan Swift
- Alice's Adventures in Wonderland by Lewis Carroll

Activity – Go crazy with characters

Design **hand puppet** of your favourite character from the book read and bring your characters to life by writing a short description and what made you choose him/her as one of your favourite characters. (use coloured A4 size sheet)

SEWA Project:

Students are required to make the following Eco- Friendly art projects using waste material.

IVA – Piggy Bank

IVB- Handmade Folders

IVC- paper bag/ cloth bag

Mental well being projects and activities:

- ❖ **Have an indoor picnic with your family. Each member will share their best memories and play fun games with your family like Charades, Pictionary, Scavenge Hunt, monopoly etc.**
- Click pics and make an E-collage.

“Hey there, little adventurers! Summer’s here, and it’s time to dive into days of fun under the sun! From picnics in the park to exploring new places, let’s make this vacation the best one yet! Get ready for a summer full of laughter, games, and unforgettable memories!”

This research work has been designed in a way that can enhance your learning ability. This Research work will make you a good Inquirer. By the end of the vacation we can expect you to bloom into a Knowledgeable, Caring and Reflective Inquirer!

Be a cooperative, independent and responsible child during your vacation.

INTERDISCIPLINARY PROJECT
THEME : SDG-13: Climate Action



Climate Action, focuses on combating climate change and its impacts. It aims to take urgent action to combat climate change and its impacts by implementing policies, practices, and measures to reduce greenhouse gas emissions and increase resilience to climate-related hazards and natural disasters. This includes raising awareness, improving education, and promoting policies that support sustainable practices and low-carbon economies to mitigate climate change’s effects on communities and ecosystems worldwide.

Objectives:

- ❖ Strengthening resilience and adaptive capacity to climate-related hazards and natural disasters.
- ❖ Integrate climate change measures into national policies, strategies, and planning.
- ❖ Improve education, awareness-raising, and human and institutional capacity on climate change mitigation, adaptation, impact reduction, and early warning.

- ❖ Promote mechanisms to raise capacity for effective climate change-related planning and management in least developed countries and small island developing States, including focusing on women, youth, and local and marginalized communities.

General Instructions:

- Do the subject specific homework separately as per directions.
- Parents are requested to only guide their children while doing this assignment.
- Originality of the work will be appreciated.

| | |
|---------|--|
| English | <p>INTERDISCIPLINARY PROJECT</p> <p>Make your own 'Climate Magazine' using A4 size sheets. Design an attractive cover page. Include the following information in it:</p> <ul style="list-style-type: none"> • Poem on climate • Word bank (new words) using each alphabet(A-Z) with its meaning related to the theme. • Newspaper articles related to it. • A small story with pictures on climate changes. • Your own pictures depicting your efforts to reduce the impact of climate changes. • Choose clear and legible fonts • It should be handmade • Give a unique name to your magazine. |
| Hindi | <p>जलवायु परिवर्तन (SDG- 13)</p> <p>हम सभी जानते हैं कि हमारे पर्यावरण को लेकर कितनी चिंता है। जलवायु परिवर्तन एक बड़ी समस्या बन चुकी है जिसका हम सभी को ध्यान देना चाहिए। जलवायु परिवर्तन का मतलब है कि हमारे पर्यावरण में हो रहे बदलाव जैसे कि अधिक गर्मी, बदलता मौसम, और विपरीत प्राकृतिक परिस्थितियों का होना। जलवायु परिवर्तन के कारणों में प्रदूषण, ऊर्जा का अपव्यय, और वनस्पतियों के कटाव का महत्वपूर्ण योगदान है। हम सभी को अपने कार्यों में संवेदनशीलता बनाए रखना चाहिए। हमें विद्युत और पानी की बर्बादी को कम करना होगा, पेड़ लगाने और पर्यावरण संरक्षण की शिक्षा को बढ़ावा देना होगा। छात्रों, हमें समय रहते ही जागरूकता फैलानी चाहिए और जलवायु परिवर्तन को रोकने के लिए हमें मिलकर काम करना होगा। हमारे कार्यों से हमारे पर्यावरण को बचाने में हमारी महत्वपूर्ण भूमिका है।</p> <p>**जलवायु कार्यवाही के लिए अवकाश कार्य**</p> <p>**रोल नंबर: 1-6** जलवायु परिवर्तन के बारे में जागरूकता बढ़ाने के लिए योजना बनाइए।</p> <p>**रोल नंबर: 7-12**</p> |

जलवायु कार्यवाही के महत्व को समझाने के लिए आप क्या करेंगे?
****रोल नंबर: 13-18****
 पेड़-पौधों की रक्षा और पौधरोपण के महत्व को समझाने के लिए आप क्या करेंगे?
****रोल नंबर: 19-24****
 जलवायु परिवर्तन से बचाव के लिए कौन-कौन से कदम उठाए जा सकते हैं?
****रोल नंबर: 25-30****
 जलवायु संरक्षण के लिए उपयुक्त और सहयोगी कार्यवाही कैसे की जा सकती है?
****रोल नंबर: 31-36****
 प्राकृतिक आपदाओं से बचाव और जलवायु संबंधी आपातकालीन कार्यवाही के बारे में जानकारी प्रदान करें।
****रोल नंबर: 37-42****
 जलवायु संरक्षण के लिए आपके स्कूल या समुदाय में कौन-कौन से उपाय किए जा सकते हैं?
****रोल नंबर: 43-47****
 जलवायु परिवर्तन के दुष्प्रभावों से बचने के लिए आप कैसे सक्रिय रह सकते हैं?

Mathematics

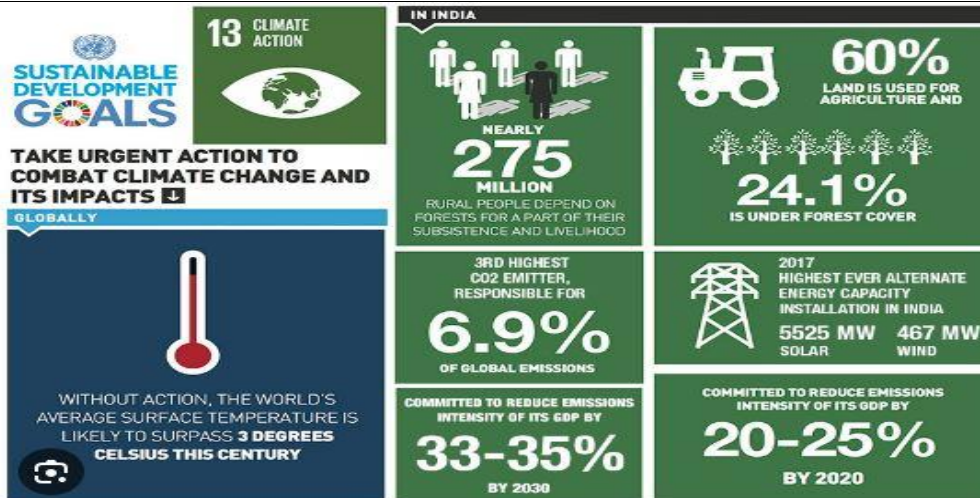
GREENHOUSE EFFECT

G4
Basic

The Greenhouse effect refers to the process by which certain gases in the Earth's atmosphere trap heat from the sun, warming the planet's surface. Find the estimated product in the greenhouse model below by multiplying the light orange area by the pink area counterparts. Write your answers in the white area.

Science

SDG-13: Climate Action:



Project: My Green Routine!

The Challenge:

- Choose a **Green Habit Hero!** Would you like to be a “Water-Saving Superhero” or an “Energy-Saving Star”?
- **Pick Your Power!** For Water-Saving choose shorter showers, turning off the tap while brushing teeth, or watering plants only when needed. For Energy-Saving, focus on turning off lights in empty rooms, switching off electronics when not in use, or unplugging chargers.
- **Track Your Progress!** Create a chart with a star/sticker system. Every time you complete your green habit, mark it with a star/sticker. Aim to fill the chart throughout the summer!
- **Bonus Challenge!** Convince a family member or friend to join your mission and become a Green Habit Hero too!

Remember:

- The key is to **choose a habit you can easily do every day.**
- **Celebrate your progress!** Seeing your chart fill up will motivate you to keep going.
- When school starts again, your green habit journey will be shared with the class.

Your Assignment:

Create a habit tracker of one green habit that you would

follow throughout the summer break. Format of habit tracker is given below. This Habit tracker sheet is to be submitted after the summer break.

My Green Routine Tracker

| Week | Dates | Green Habit | Stars/ Stickers | Pledge |
|------|---|-------------|-----------------|--------|
| 1 | May 22 nd – May 26 th | | | |
| 2 | May 27 th – June 2 nd | | | |
| 3 | June 3 rd – June 9 th | | | |
| 4 | June 10 th – June 16 th | | | |
| 6 | June 17 th – June 23 rd | | | |
| 7 | June 24 th – June 30 th | | | |

Important:

- Take the printout of the green routine tracker and submit the same after the summer break.
- In the “Pledge” section, write a unique Climate Pledge that you would take every week, linked to your green routine.

Social Science

INTERDISCIPLINARY ACTIVITIES

TASK:1 Make a poster on the activities which are contributing to climate change.(ROLL.NO:1 to 23)

TASK:2 Make a poster on things that you can do to stop climate change. (ROLL.NO:24 onwards)

TASK:3 Make a Terrarium Mini-Garden (ROLL.NO:1 to 23)

TASK:4 Make a model showing effects of climate change on the Earth. (ROLL.NO:24 onwards)

Note:The following links can be used for reference:

i) <https://youtu.be/WUUtEIG6nSw>

ii) https://youtu.be/3y_e1dzL61Y

iii) <https://youtu.be/vHQO4HXNMqA?si=HTRDHNxG-XYrIOTN>

Computer:

- Research and compile information on Online Safety tips - Provide atleast five Practical tips on how to stay safe while

using the Internet. Include examples and explanations for each tip.

- Write a short story or create a comic strip illustrating how to identify and avoid Online threats.
- Make a Chart or Poster on any one of the following topics -
 - Top 10 Cyber Security best practices.
 - The Importance of Strong passwords.
 - Securing Your Wi-fi Network

Links for Homework worksheets:

English:

<https://docs.google.com/document/d/1w62heRr3sHZPqbb07n90IG2GilX3kON9FXN6rNsDais/edit?usp=sharing>

Hindi:

<https://drive.google.com/drive/folders/1uBfQrsQEpwSBB2nJapmX-tH-ZMZZ9860?usp=sharing>

Mathematics:

https://drive.google.com/file/d/1x4hjzNHASbEN1n1o3VB5sYpiimldrIII/view?usp=drive_link

Science:

<https://docs.google.com/document/d/1-RHvbtKyjHRmDO9LOxaC6oWBI1D4IZGe5QG3FUGc3gk/edit>

Social Science:

https://docs.google.com/document/d/1Gwwph_c0aVAP6Chdjnv9TcRb02jPvLAI/edit?usp=drivesdk&oid=113600800804633295259&rtpof=true&sd=true

