

ST. MARK'S SR. SEC. PUBLIC SCHOOL

SUMMER HOLIDAY HOME WORK

CLASS VI (2023-24)

THEME: SDG 13 CLIMATE ACTION



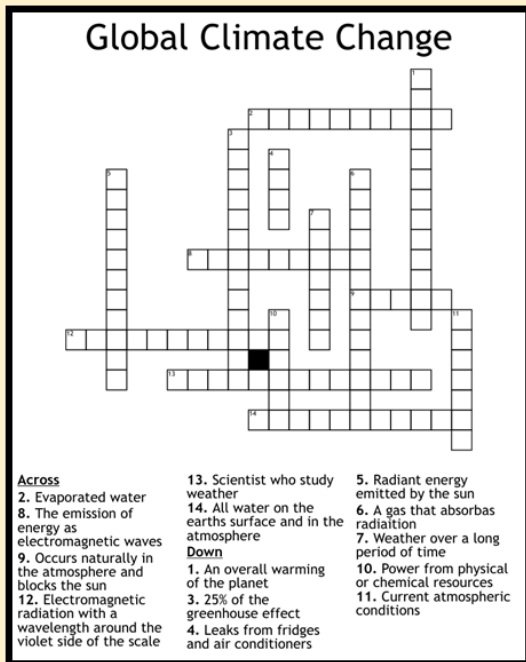
ENGLISH

Activity 1: Vocabulary Game

Objective: To enhance vocabulary

What to Do: Read a few articles related to Climate Change over the next few days of your summer break, **design a word puzzle**, comprising of words newly added to your vocabulary like greenhouse gas, climate, global warming etc. It can be a **crossword**, a **jumbled word game**, a **rebus** or a **word search**.

The game must provide interesting clues/instructions to the readers to help them figure out the correct answer.



Crossword

Where to do: A-4 size sheets

Parameters: content, authenticity, presentation

Rebus

ACTIVITY 2 : POETRY COMPOSITION & ILLUSTRATION

Create your own poem based on any one of the following themes:

- Climate Change
 - Global Warming
 - Nurturing Nature
 - Earth Needs to Breathe Too
 - The Plea of a Tree
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- The poem should be well illustrated
 - Mention the rhyming scheme of the poem
- The poem should contain a minimum of three poetic devices
- Write and explain the poetic devices used in the poem

Activity 3: In conversation with Licypriya Kangujam!

<https://youtu.be/CjKAZRXwRvI>

Watch this video and research about Licypriya Kangujam, a child environmental activist from India.

She is one of the youngest **climate activists** globally and has addressed world leaders at the 2019 United Nations Climate Change Conference in Madrid, Spain, asking them to take immediate climate action.

Imagine you get an opportunity to meet and interview her. Prepare some interview questions along with the answers related to Climate change issues.

For Example: ***How did you develop your interest in climate issues? Was there a specific event or person that inspired you to become an activist?***

Licypriya Kangujam: I belong to a small indigenous community in India called the Meitei tribe. My birthplace, Manipur, is surrounded by lush green mountains and an alluring atmosphere full of rich biodiversity. Unfortunately, many rich biodiversity hotspots like this are now becoming climate hotspots.

For my schooling, I moved to Bhubaneswar, Odisha, where I grew up. But in 2018, when I was just six years old, my life was turned upside down by Cyclone Title, and then again by Cyclone Fani in 2019 in Odisha. When I moved to Delhi in 2019, my life was again completely messed up by high levels of air pollution and the heatwave crisis in Delhi. All of these incidents in my young life turned me into a child climate activist.

Where to do: A-4 size sheets

Parameters: research and presentation

Activity 4 : Ad Making

Imagine that you designed an app wherein you provide solutions to SDG-13.

Make an ad to sell that app.

Some solutions that you can provide are:

- Recycle paper, glass, plastic, metal and old electronics.
- Compost. Composting food scraps can reduce climate impact while also recycling nutrients.

Where to do: A-3 size sheets or chart paper

Parameters: content, presentation and creativity

List of books that you can read:

- a) THE UNINHABITABLE EARTH: LIFE AFTER WARMING by DAVID WALLACE-WELLS
- b) THE STORY OF MORE: HOW WE GOT TO CLIMATE CHANGE AND WHERE TO GO FROM HERE by HOPE JAHREN
- c) LOSING EARTH: A RECENT HISTORY by NATHANIEL RICH
- d) ALL WE CAN SAVE: TRUTH, COURAGE, AND SOLUTIONS FOR THE CLIMATE CRISIS by AYANA ELIZABETH JOHNSON AND KATHARINE KEEBLE WILKINSON
- e) WINDFALL: THE BOOMING BUSINESS OF GLOBAL WARMING by MCKENZIE FUNK

हिंदी

सतत विकास लक्ष्य 13 जलवायु परिवर्तन को सीमित और अनुकूल बनाना है। यह 2015 में संयुक्त राष्ट्र महासभा द्वारा स्थापित 17 सतत विकास लक्ष्यों में से एक है। किसी क्षेत्र विशेष की परंपरागत जलवायु में समय के साथ होने वाले बदलाव को जलवायु परिवर्तन कहा जाता है। इस लक्ष्य का आधिकारिक मिशन वक्तव्य " जलवायु परिवर्तन और इसके प्रभावों से निपटने के लिए तत्काल कार्यवाई करना है”।



प्रश्न 1- जलवायु परिवर्तन से आप क्या समझते हैं। उसका अध्ययन करते हुए उसे अपने शब्दों में लिखें।

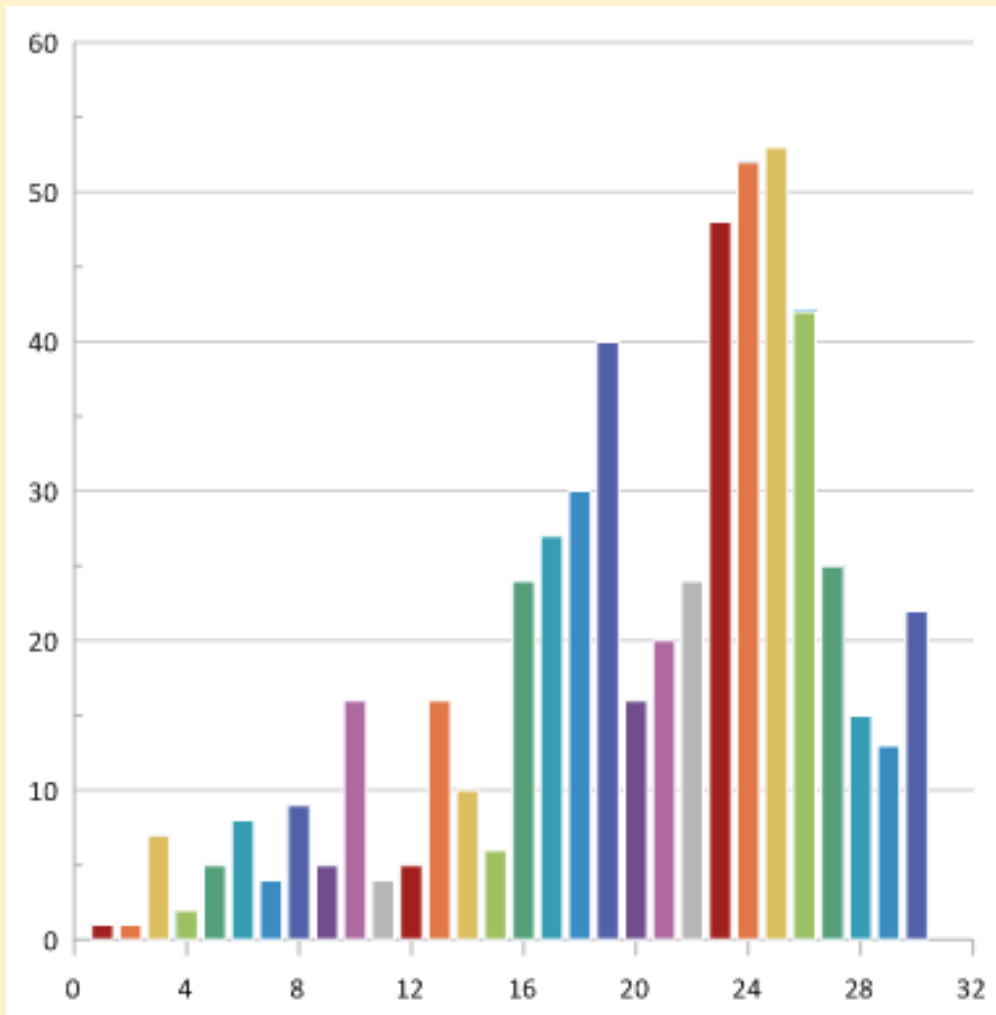
प्रश्न 2- पर्यावरण को ग्लोबल वार्मिंग के प्रभाव से बचाने के लिए विभिन्न उपाय लिखें व उनका चित्रों के साथ प्रस्तुतीकरण करें।

प्रश्न 3- सभी छात्र पर्यावरण में होने वाले बदलाव में 1 जून से 15 जून तक का न्यूनतम और अधिकतम तापमान के आकड़े समाचार पत्रों से एकत्रित करके **A4** साइज़ की शीट पर प्रस्तुत करेंगे।

निर्देश :-

- कार्य स्क्रेप फाइल व **A4** साइज़ शीट में करें।
- जलवायु परिवर्तन के बारे में लिखते समय उसकी संक्षिप्तता पर ध्यान दें।
- पर्यावरण के चित्र का प्रस्तुतीकरण आकर्षक होना चाहिए।
- लिखते समय शुद्ध वर्तनी का ध्यान रखें।
- कार्य स्वच्छता से करें।

MATHS



Mathematics plays an important role in the achievement of the Sustainable Development Goals (SDG) and at the same time allow working with real situations in the subject of mathematics.

Collect the data based on minimum and maximum temperature of 4 Metropolitan cities (Delhi, Mumbai, Chennai and Kolkatta) for the year 2022 during winter season and summer season respectively.

- ❖ Prepare two graphs based on above information (1st bar graph for minimum temperature and 2nd bar graph for maximum temperature). Paste the bar graphs on A4 size sheets.
- ❖ Find the range of the maximum temperature of above 4 cities.
- ❖ Find the mean of minimum temperature.

SCIENCE

SDG 13 – CLIMATE CHANGE

- A.** There is no country that is not experiencing the drastic effects of climate change. Greenhouse gas emissions are more than 50 percent higher than in 1990. Global warming is causing long-lasting changes to our climate system, which threatens irreversible consequences if we do not act.

A carbon footprint is the total amount of greenhouse gases (including carbon dioxide and methane) that are generated by our actions.

Watch YouTube videos on carbon footprint- https://youtu.be/7roFojPLi_4,
https://youtu.be/YseZXKfT_yY

1. Design and create an attractive Pamphlet on ‘significance of carbon footprint’ and suggest the ways to reduce it.
2. Distribute the pamphlet in your neighborhood to create awareness about the importance of carbon footprint in our life.

Note : Both the activities should be done on A4 size sheets and created Pamphlet must be attached to it.

3. Prepare a report of your visit supported with 2-3 self-clicked pictures.

B. Research File

- a) During your summer holidays read articles related to global warming in the newspaper and collect 6-8 pictures showing the causes of global warming.
- b) Cut the pictures neatly and paste them in a form of a collage in your research file. Also give a suitable title to it.
- c) Write a few lines mentioning two things that you would like to change to reduce global warming and to create a better environment around you.

SOCIAL SCIENCE

Activity 1: Be the researcher

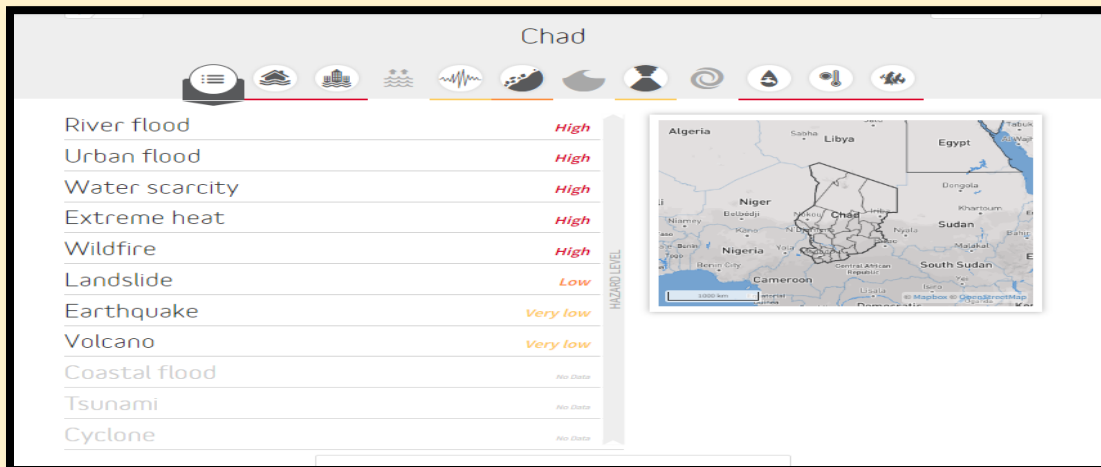
Some of the most affected and vulnerable countries to climate change are Chad, Somalia, Syria, Afghanistan, Nigeria etc.

The vulnerability is because of floods, droughts, famine, war or even earthquake.

Select any one country which is most likely to be affected in the event of a climate disaster, with no chance of recovery. Prepare an informative leaflet/brochure. Include the following:

- About this country
- Location on the world map
- Reason due to which this country is mentioned as most vulnerable
- Climatic changes faced along with pictures
- Table highlighting the likelihood of different natural hazards

Example:



Where to do: Scrapbook or A-4 size sheets

Parameters: content, presentation

Activity 2

Imagine you are in the year 3020, and you are an archaeologist who has discovered Delhi, the then capital of India. But while excavating the remains of the past, you noticed that everything was destroyed by the toll taken by the climate. Thus, list out your detailed research in a scrap file and write about the condition of the things you discovered and what could have been the reason for the end of that civilization.

FRENCH



Climate change has adverse effect on the monuments these days.

Research and Compare the changes caused by various climate changes such as global warming on the monuments of France.

Present it by comparing the French monuments ten years ago to now.

Take 5 monuments at least.

Make sure to write the name of the monuments in French language.

Where to do: Paste pictures on a A3 size sheet.

संस्कृत

"यज्ञ (हवन) विधि द्वारा वातावरण की शुद्धता" इस विषय पर सभी छात्र संस्कृत भाषा में दश वाक्य

लिखें एवं चित्र बनाएं।