

DAV CENTENARY PUBLIC SCHOOL, PASCHIM ENCLAVE, NEW DELHI

HOLIDAYS HOMEWORK CLASS VI (SESSION 2023-24)



**Wishing you a holiday season
filled with peace, joy and creativity.**

Holiday season is the perfect time to relax, rejuvenate and reflect on the blessings in our lives, besides enhancing our skills. DAV Centenary Public School is continuously striving to facilitate lively learning and holistic development of its students. In the pursuit of the same, we have developed interesting and enriching learning for students.

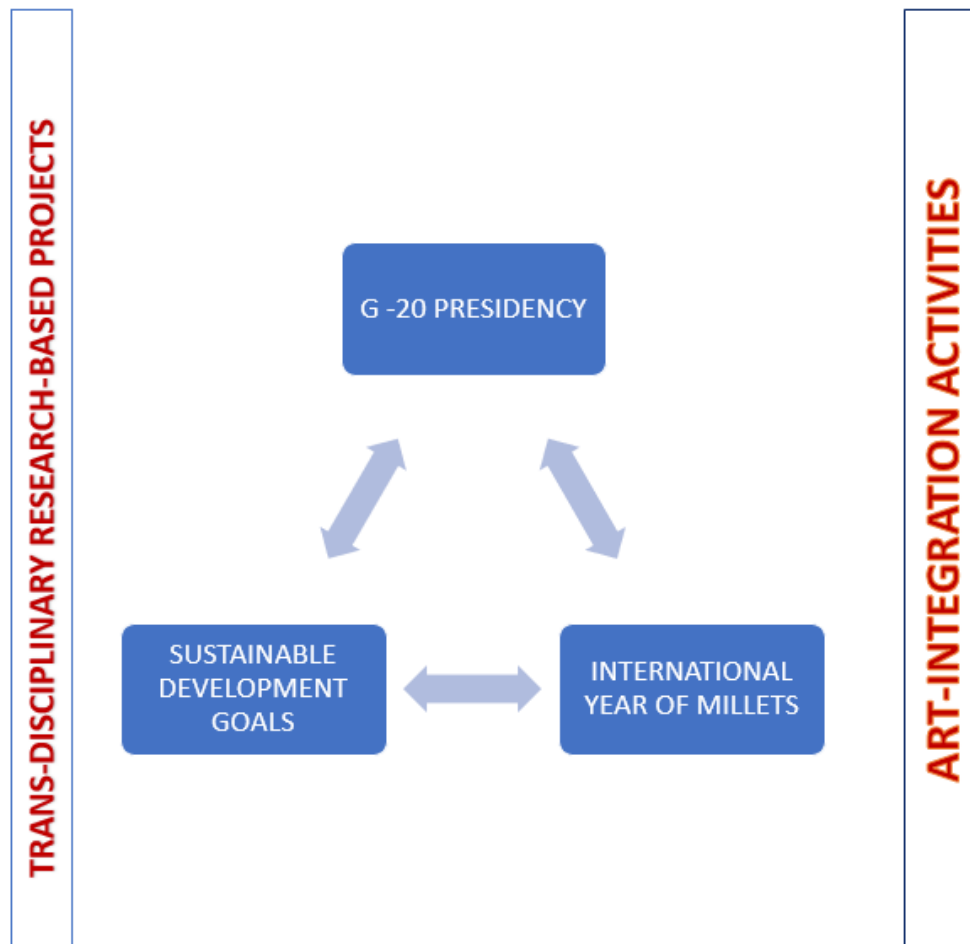
Here are few suggestions for the students:

- Spend quality time with family. Strengthen the bond with them.
- Help your mother in household chores.
- Play outdoor and indoor games.
- Stay fit, eat healthy and consume refreshing drinks to keep yourself hydrated.
- Watch news channels, sports channels and other useful channels/programmes. Watch English programmes.
- Read interesting books. Two amazing book links are shared for the students as under:
 - Black Beauty by Anna Sewell
 - Robinson Crusoe by Daniel Defoe(PDFs will be shared by Class Teacher in class groups)
- Complete your Holidays Homework as per the given instructions well in time.

- Trans-disciplinary research based project work has been given in Class VI based on themes mentioned below. This project work will be assessed and students will be given due credit for the same in Internal Assessment.
- Holidays Homework must be done on A4 size sheets (as per the colour scheme given below).

English – WHITE
Hindi – LIGHT BLUE
Sanskrit – ORANGE
Mathematics – YELLOW
Science – GREEN
Social Science - PINK

THEME FOR HOLIDAYS HOMEWORK



EDUCATION IS NOT THE LEARNING OF FACTS...

IT'S THE TRAINING OF MIND TO THINK....!!

- ❖ Vasudhaiva Kutumbakam, which translates to "One Earth, One Family, One Future," is the theme of **INDIA'S G20 PRESIDENCY**. It is inspired from the Maha Upanishad, an old Sanskrit scripture. The theme fundamentally highlights the importance of all life—human, animal, plant, and microorganism—as well as their interdependence on Earth and across the universe. The theme also exemplifies LiFE (Lifestyle for Environment), which highlights the importance of environmentally sustainable and responsible lifestyle choices, both at the individual and national level, in creating a cleaner, greener, and bluer future.



The G20 Presidency also heralds for India the start of "Amritkaal," a 25-year period commencing from the 75th anniversary of its independence on August 15, 2022, leading up to the centenary of its independence.

- ❖ SUSTAINABLE DEVELOPMENT GOALS (SDGs), were adopted by the United Nations in 2015 as a universal call to action to end poverty, protect the planet, and ensure that by 2030 all people enjoy peace and prosperity.



SDG FOR CLASS VI – AFFORDABLE AND CLEAN ENERGY

- ❖ **INTERNATIONAL YEAR OF MILLETS :** Millets have been an integral part of our diet for centuries. In addition to a plethora of health benefits, millets are also good for the environment with low water & input requirement. With the aim to create awareness and increase production & consumption of millets, United Nations, at the behest of the Government of India, declared 2023 the International Year Millets.



ENGLISH

TASK 1- Imagine you went to Andaman Nicobar islands during the summer break. You observed that most of the buildings were equipped solar power. The clean , green environment of the place impressed you .

Write a letter to your friend describing your experience. Support the letter with a picture collage .

TASK 2--Write 10 pages of handwriting. Refer to any Newspaper or Magazine for this.

MATHEMATICS

TASK 1 (ART INTEGRATED ACTIVITY) - TO BE DONE BY ALL STUDENTS

Create an artistic representation of a windchime by using various geometric shapes and paste diverse renewable sources of energy onto those shapes. Also, decorate it with shells.

TASK 2 – TO BE DONE BY ROLL NUMBERS 1 - 25

Collect data on the production of renewable sources of energy in the following Indian states:

<u>STATE</u>	<u>RENEWABLE ENERGY PRODUCTION FOR MARCH 2020-21</u>
<u>DELHI</u>	
<u>ANDAMAN AND NICOBAR ISLANDS</u>	
<u>HARYANA</u>	
<u>BIHAR</u>	
<u>JAMMU AND KASHMIR</u>	
<u>ORISSA</u>	
<u>HIMACHAL PRADESH</u>	
<u>MADHYA PRADESH</u>	
<u>SIKKIM</u>	
<u>KERALA</u>	

<https://acrobat.adobe.com/id/urn:aaid:sc:AP:32f94e2e-980b-4448-8203-359ec0bd0631>

Using the link provided for reference, answer the following questions which are as follows:

- Arrange the data in ascending order.
- Round off the data to nearest ten.
- Compare the percentage change in the production of renewable sources of energy for the states, Delhi and Andaman and Nicobar Islands for March 2020-21.

TASK 3 – TO BE DONE BY ROLL NUMBERS 26 ONWARDS

STATE					
Solar Power Production (MW)					

- Collect data on the top 5 states for Solar Power Production across India. Compute the average of the data.

ii. Collect data on the percentage of Wind Power Installation in 5 states of India in 2020 and convert the percentages into fractions (lowest terms) using the link provided for reference.

<https://www.mercomindia.com/top-five-states-wind-energy>

STATE					
Percentage of Wind Power Installation					

Note: Do the above tasks on yellow A4 size sheets and paste colourful and beautiful pictures related to the topic.

SCIENCE

Prepare a Project Work on SDG 7 : Affordable and Clean Energy

Aim of this goal is to ensure affordable, reliable , sustainable and modern energy for all.

- **Using Green A-4 sized sheets , make a project on Various Renewable Energy Solutions and Clean Energy Solutions being used in Delhi and Lakshadweep now a days .**
- a) Consider the following points while making the project-
 - 1) Delhi: Clean and Affordable Energy**
 - Alternative Sources of Energy(Use of Electric Vehicles , CNG etc)
 - Renewable Sources(Using Solar Energy , Wind Energy , Biomass)
 - Illustrate your project with pictures showing use of clean and affordable energy in Delhi
 - 2) Lakshadweep: Clean and Green Energy**
 - Use of Renewable Sources (Solar Power Generation , Tidal energy)
 - **Alternative Energy : Green Energy:-**
Lakshadweep to generate electricity from coconut leaves , stem , husk and shells (Biomass power Generation) Coconut trees are abundant in Lakshadweep so coconut fuel for the power plants comes almost free of cost
- Illustrate your project with pictures showing use of Alternative Energy (Green Energy) in Lakshadweep Islands.

SOCIALSCIENCE

TASK 1 – TO BE DONE BY ALL STUDENTS

“Sustainable development is the development that meets the needs of the present without compromising the ability of future generations to meet their own needs.”

RESEARCH PROJECT:

- i) ROLL NO 1-10- WIND ENERGY MAKE A 3-D MODEL OF WINDMILL, EXPLAIN ITS IMPORTANCE AND HOW IT IS HELPFUL IN CREATING A CLEANER ENVIRONMENT.
- ii) ROLL NO. 11-20- E- VEHICLES THE NEED OF THE HOUR “HOW E-VEHICLES ARE IMPORTANT FOR CLEAN ENVIRONMENT”
- iii) .ROLL NO.21-30 -SOLAR ENERGY – MAKE A WORKING MODEL OF SOLAR PANEL.

- iv) .ROLL NO. 31-LAST ROLL NUMBER- CNG- HOW CNG PROVED TO BE HELPFUL IN CREATING CLEAN ENVIRONMENT

TASK 2 – TO BE DONE BY ROLL NUMBERS 1-25

MILLETS- “KNOW MORE ABOUT ME”- EXPLAIN SOWING SEASON , HARVESTING SEASON, CLIMATIC CONDITIONS, SOIL TYPE OF ANY 5 MILLETS FOUND IN INDIA.

TASK 3 – TO BE DONE BY ROLL NUMBERS 26 ONWARDS

Ek Bharat Shrestha Bharat programme, aims to actively enhance interaction between people of diverse cultures living in different States and UTs in India, with the objective of promoting greater mutual understanding amongst them. This year Delhi is paired with lakshadweep and Andaman and Nicobar Islands. Make an E-magazine (min 3 pages) describing about the flora and fauna along with Art and architecture of Andaman and Nicobar islands with Delhi

Note: All the above work is to be done on **PINK A4 Size sheets**

Hindi

1. ऊर्जा के साधन : दिल्ली और अंडमान निकोबार (अंतर-समानता) कोलाज निर्माण
2. दिल्ली और अंडमान निकोबार : सस्ती एवं प्रदूषण मुक्त ऊर्जा के लिए उठाए गए कदम
3. लेखन कौशल (अनुच्छेद लेखन) : जब मैं अंडमान और निकोबार घूमने गया निर्देश :
 - समस्त कार्य ए-4 हल्के नीले रंग के कागज़ पर ही करेंगे ।
 - जहाँ छाया-चित्र की आवश्यकता हो वहाँ अवश्य चिपकाएँ ।
 - समस्त कार्य प्रस्तुतिकरण, रचनात्मक एवं मौलिक अपेक्षित है ।

DO ANY TWO TASKS OUT OF 3 TASKS GIVEN ABOVE FOR HINDI SUBJECT

Sanskrit

- 1 सतत विकास - लक्ष्य अन्तर्गत सर्वसुलभा शुद्धा च ऊर्जा इति विषयमधिकृत्य दिल्ली नगरस्य अंडमान-निकोबार द्वीपस्य च जलसंरक्षणविषये वाक्यत्रयम्लिखन्तु (चित्रसहितम्)।
(A4 size पत्रे)
- 2 प्रदत्त कार्यप्रपत्राणि कुरुत।

Computer

- Name any two mobile phone and computer operating systems and research about them.
Draw a contrast between computer operating system and mobile operating systems separately in a ppt

SEWA (Social Empowerment through Work Education & Action)

HOMEWORK - Eco Brick Activity:

Be an Eco Warrior Prepare 1 Eco Brick and submit to your class teacher.

Procedure:

Take a 1 litre empty plastic bottle of any beverage and fill it up to its maximum capacity with waste plastic wrappers during your summer break and

Your brick is ready.

For reference see the picture enclosed

