

HOLIDAYS HOMEWORK CLASS VII (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.

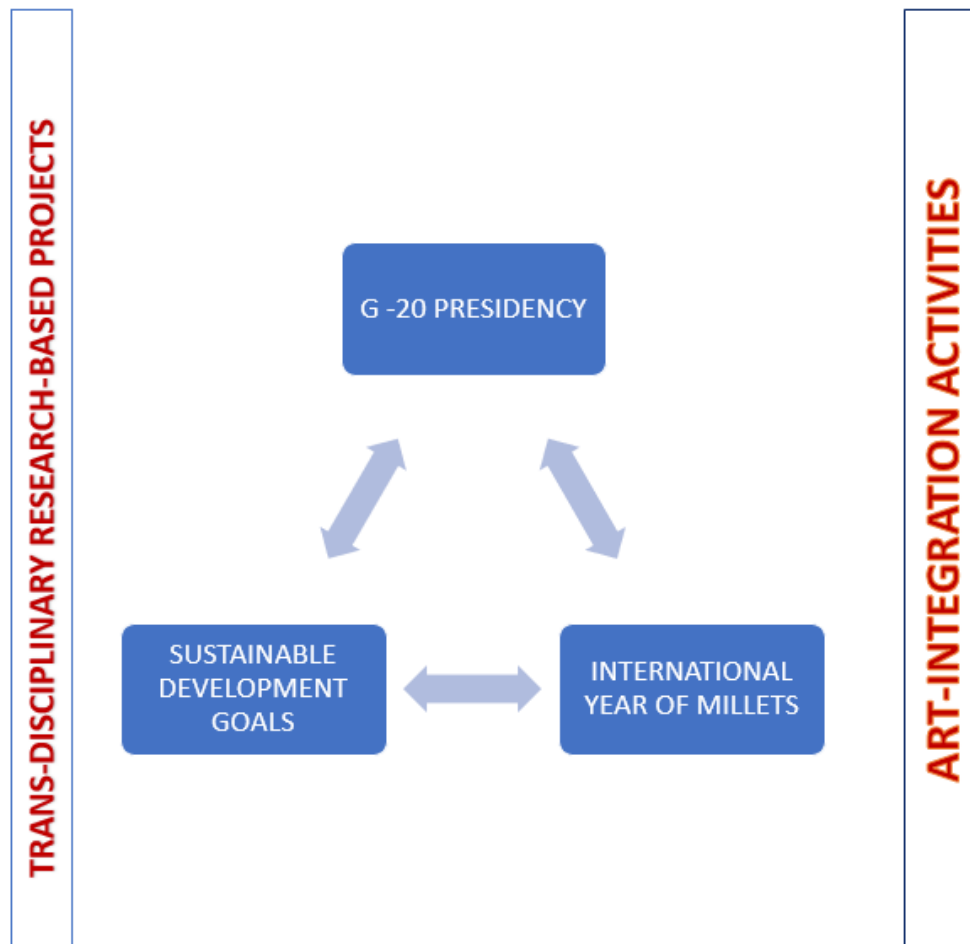
Here are few suggestions for the students:

- 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:
 - Famous Five: Five go off in a Caravan By Enid Blyton
 - Diary of a Wimpy Kid : Rodrick Rules by Jeff Kinney
(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 VII 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 VII – LIFE ON LAND

- ❖ **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- Make a brochure highlighting the biodiversity in Delhi in contrast with Andaman Nicobar.

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

MATHEMATICS

The Air Quality Index (AQI) is a measure of how polluted the air is in a specific area. It provides information on the quality of the air in real time and is used to communicate the potential health risks associated with breathing the air. The AQI is typically calculated based on the concentration of five air pollutants: ground-level ozone, particulate matter, carbon monoxide, sulfur dioxide, and nitrogen dioxide.

TASK 1

Comparative tabulations for various air-quality-related parameters for 2018-22 are provided in the link below:

<https://acrobat.adobe.com/id/urn:aaid:sc:AP:ea86e38b-b6a0-4245-a21d-10dfd942ca3d>

- Collect data for the monthly AQI of Delhi over a 5-year period and calculate the average AQI for each year.
- Compute the percentage change for March and July over the entire 5 years.

Month					
Percentage of AQI of Delhi					

TASK 2

Collect data on the installed power capacity of Delhi and Andaman and Nicobar Islands for the years 2018-22. Plot the data in bar graphs, rounding off to the nearest hundreds and tens respectively. Use the links for reference:

<https://www.statista.com/statistics/1077679/india-delhi-installed-power-capacity/>

<https://www.statista.com/statistics/1077288/india-andaman-and-nicobar-islands-installed-power-capacity/>

Year	2018	2019	2020	2021	2022
Installed Power Capacity					

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

Also, draw the species of Andaman and Nicobar in the bars made in the two graphs.

SCIENCE

United Nations has identified 17 Sustainable Development Goals. Class 7 shall focus on SDG-15 i.e. "LIFE ON LAND". Use A4 size (green) sheets to prepare a report on Biosphere Reserves, National Parks and Wildlife Sanctuaries.

The following points may be included-

- Importance of biosphere reserves, national parks and wild life sanctuaries.
- Comparison of **Delhi** with **Lakshadweep** and **Andaman and Nicobar** Islands.

The following parameter can be used for comparison-

- Number of Biosphere reserves in the areas and their names; the flora and fauna for which it is famous.

B- Number of National Parks in the areas and their names; the flora and fauna found in these National parks.

C- Number of wild life sanctuaries in the areas and their names (any 10); the flora and fauna that are found there.

3. On an outline map of Delhi mark the wild life sanctuaries and Biodiversity parks.
4. On an outline map of Lakshadweep mark the wild life sanctuary.
5. On an outline map of Andaman and Nicobar Islands mark – bio diversity park, any 2 National Parks and any 2 wild life sanctuaries.
6. Design a logo on “International year of millets’.

SOCIAL SCIENCE

"A flourishing life on land is the foundation for our life on this planet. We are all part of the planet's ecosystem and we have caused severe damage to it."

TASK 1 – TO BE DONE BY ALL STUDENTS

Make a project file on the types of flora and fauna found in reference to India (Delhi, Lakshadweep, Andaman and Nicobar islands) and Turkey describing its location and climatic conditions. Paste the pictures, newspaper clips, maps etc.

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

Make a comic strip on Challenges and **sustainable solutions** to preserve diverse forms of life on land.
2023 is the International Year of Millets (IYM) and the goal of the United Nations is to highlight the enormous potential of millets to diversify food systems.

TASK 3 – TO BE DONE BY ROLL NUMBERS 26 ONWARDS

Prepare a Millets Card on why millets are so important in achieving the Sustainable Development Goal of Zero Hunger? Also Prepare a hanging Millet Map showing different states where different types of millets are grown.

NOTE: All the above work is to be done on PINK A4 Size sheet

Hindi

1. ब्रोशर(Brochure)निर्माण -पर्यटन स्थल और राष्ट्रीय उद्यान के भ्रमण हेतु ऑफर देते हुए (दिल्ली टूरिज्म की ओर से)
2. वन्यजीवन के संरक्षण से संबंधित अभियारण्य एवं पार्क : अंडमान निकोबार
3. रचनात्मक कौशल (सूचनालेखन) हस्तशिल्प मेले की सूचना देते हुए अंडमान और निकोबार पर्यटन मंत्रालय

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 ।

ANY TWO TASKS TO BE DONE OUT OF 3 TASKS GIVEN ABOVE FOR HINDI

Sanskrit

1 सतत विकास - लक्ष्य अन्तर्गतधरायांजीवनम् इति विषयमधिकृत्य दिल्ली नगरस्यअंडमान-निकोबारद्वीपस्यमानचित्रमिर्मायद्वयोःमानचित्रे 5-5 प्रसिद्ध स्थलानिदर्शयन्तु।

तेषांविषयेएकांएकांपङ्क्तिं अपि लिखन्तु ।(A4 size पत्रे)

2 प्रदत्तकार्यप्रपत्राणिकुरुत।

Computer

- Find and draw the pics and cutouts of different blocks of different categories of Scratch blocks and paste them in such a way that if we run them they will make a ball bounce

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

