



**PRAGATI PUBLIC SCHOOL  
HOLIDAY HOMEWORK  
SESSION 2022-23**

**Class VIII**

**THEME: OUR PLANET, OUR HEALTH**

**MULTIDISCIPLINARY ART INTEGRATED PROJECT:**

In accordance with the guidelines of CBSE we are incorporating multidisciplinary art integrated project based learning wherein students will prepare projects for all the subjects based on a common theme. This endeavor has been taken up with the objective of inculcating the approach of integrating diverse subjects or fields and the spirit of collaborative learning. Students will incorporate all subjects on the chosen theme.

**THEME: OUR PLANET, OUR HEALTH**

In the face of the current pandemic, a polluted planet, and an increasing incidence of diseases, the theme for WHO 2022 is Our Planet, Our Health. This call presents a unique opportunity for a green and healthy recovery from the COVID-19 pandemic, that puts the health of individuals and the planet at the center of actions fosters a movement to create societies focused on well-being.

**GENERAL INSTRUCTIONS:**

- Integrated project of all subjects to be done in Scrap Book (only).
- The areas to be covered are suggested below. You can of course use your creativity and innovation for New ideas too!
- Credit will be awarded to original drawings, illustrations and creative use of materials
- The project needs to be developed and presented in this order:
  - ❖ Cover page showing project title, student information, school and Academic year.
  - ❖ List of contents with page numbers.
  - ❖ Acknowledgements (acknowledging the institution, offices and libraries visited and Persons Who have helped).
  - ❖ The works to be done in this sequence only- 1. English. 2. Mathematics, 3. Science, 4. Social Science, 5. Second Language.6.sanskrit
  - ❖ The last page should have Bibliography Sources of information from where you have Collected your information.

**ENGLISH**

1. Create 2 posters with slogans of your own which focus on the topics like climate change is making flood and rainfall more extreme and dangerous /rise in temperature increases the risk of health/ illness from infectious diseases/trauma impacts on mental health/a healthy diet a healthier world.
2. You are a youth leader of your residential society in your city. Submit a notice asking the residents of your society to participate in the upcoming debate program organised by your committee highlighting the pollution level, the environmental problems faced by the local citizens and what initiatives that have been taken by the Local authorities. Mention the date ,time and venue for the program in your notice .(100-150 words)

**.CRITERIA FOR EVALUATION:**



## **MATHEMATICS**

1. Select a city and collect the data of maximum and minimum mortality rate faced by the citizens between the age group (20-40) years for the duration of past 3Years and try to find out the reason for the same.
2. Represent the collected data by using Bar graph or Pictorial graph or Pie Graph and interpret the graph drawn by you.

**CRITERIA FOR EVALUATION:** Content, Knowledge & Relevant Data, Presentation, Creativity, Explanation

## **SCIENCE**

1. Make an investigatory project on any one inspirational and famous female scientist of India / World who had contributed In preparing COVID vaccines. The project should be made on the following guidelines:
  - Name and picture of the scientist
  - Age and Nationality
  - Details of the work
  - Application and future prospects of her work How her work changed the society/world.

Above content not to exceed three pages.

2. You must have learned about the properties synthetic fibres and plastics. Do, you think plastics are always bad for environment? Justify your answer.
  - Enlist some advantages of plastics and how plastics help us to protect forest
  - Give two difference between biodegradable and non-biodegradable plastics
  - What are the steps taken to reduce the usage of plastics and polythenes in your surroundings and write the steps taken to do so?
  - Find out the expansion of the abbreviation related to plastics and polymers like TEFLON.PTFE, PET, PHB, and PHV.
  - Find out the building blocks of the following polymers: POLYESTER, POLYSTYRENE,POLYTHENE, BAKELITE, and RUBBER.

3. You have studied about force and pressure and learnt that all changes occur due work done by force and Pressure. Which forces or pressures are responsible for the following natural changes causing disaster :

A. Earthquake d. Cyclone B. High tide and low tide E. Tsunami F. Flood G. lighting during thunderstorm  
H. Formation of pressure belt I.Trade winds i. Volcanic eruption

### **CRITERIA FOR EVALUATION:**

Content, Presentation, Innovation and creativity, Research & Investigation:

## SOCIAL SCIENCE

1. Write about the Ecological Impact of climatic changes and Rise in temperature.
2. List out the health implications on the human beings due to environmental hazards such as  
Famine- leading to malnutrition  
Flood -Water born diseases  
Pollution-leading to Respiratory Disorders

### CRITERIA FOR EVALUATION:

Accuracy of Facts, Creativity, Organization & Presentation, Timely Submission

## HINDI

1. 'स्वास्थ्य ही जीवन का आधार है।' अतः अपने शरीर को स्वस्थ रखने के लिए हमें पौष्टिक आहार के साथ – साथ आस-पास के वातावरण में भी किन- किन नियमों का पालन करना चाहिए? इस पर अपने विचार कम से कम दस वाक्यों में सचित्र लिखिए।
2. ग्रीष्म अवकाश में स्वस्थ जीवन जीने के लिए और अपने चारों ओर स्वस्थ माहौल भी कायम रहे इस के लिए अपनाई गई दिनचर्या को लिखिए।
3. अंतर्राष्ट्रीय योग दिवस आपने कैसे मनाया? अपने अनुभव को अनुचहेड रूप में लिखिए।
4. दिए गए चित्र को देखकर उठे अपने मन के भावों को कम से कम 50 -60 शब्दों में लिखिए।



## संस्कृत

1- रुचिरा भाग तीन, पाठ 4 सदैव पुरतो निधेहि चरणन को याद करके स्वर सहित गाने का अभ्यास यू ट्यूब की सहायता से कीजिए, अवकाश के पश्चात कक्षा में सुना जाएगा।

2- पा (पिब), गम्, चल, नम धातु में से किसी एक धातु के रूप पाँची लकारों में 'ए 3 शीट में लिखिए।

3- निर्देशानुसार शब्दरूप ए 4 शीट में लिखिए

रोल नं. 1 से 5 अकारान्त पुल्लिंग राम / बालक में से कोई एक

रोल नं. 6 से 10 आकारान्त स्त्रीलिंग रमा / बलिका में से कोई एक

रोल नं. 11 से 15 अकारान्त नपुंसकलिंग फल / पत्र में से कोई एक रोल नं. 16 से 20 सर्वनाम अस्मद् / युष्मद् में से कोई एक

रोल नं. 21 से 25 सर्वनाम पुल्लिंग तत् / किम् में से कोई एक

रोल नं. 26 से 30 सर्वनाम स्त्रीलिंग तत् / किम् में से कोई एक रोल नं. 31 से 35 सर्वनाम नपुंसकलिंग तत् किम् में से कोई एक

रोल नं. 36 से अंतिम रोल नं. तक नदी, गुरु, मुनि मति नदी में से कोई एक 4- संस्कृत व्याकरण की पुस्तक में से कोई पाँच चित्रवर्णन, कोई दो पत्रलेखनम व कोई

एक सवाद तथा कोई एक अपठित गद्यांश संस्कृत की पुस्तिका में लिखिए।

