



RUKMANI BIRLA MODERN HIGH SCHOOL, JAIPUR
SESSION – 2021-22

SUMMER HOLIDAY ASSIGNMENT - MULTIDISCIPLINARY PROJECT

CLASS IX

TOPIC: HEAL THE WORLD-MAKE IT A BETTER PLACE

SUBJECT: ENGLISH

1. Write a short story narrating your contribution to the mankind in their pain and suffering during the times of crisis. Give your story the title *Heal the World – Make it a Better Place*.
2. Heal the World! Stop the Hate. Lend a helping hand to those in need. Prepare a pictorial presentation/collage showing at least seven ways to help make the world a better place. (You can use conversation/quotes/newspaper cuttings in the presentation)

SUBJECT: FRENCH

1. Make a PPT in french of 10-12 slides on above topic like what improvement can be done in terms of medical facilities, economic aspect etc... to fight against this current pandemic?

SUBJECT: HINDI

प्रश्न 1 'मानव खुद में करे सुधार तभी बने बेहतर संसार'

विषय पर निम्न बिंदुओं का प्रयोग करते हुए दो देवदूतों के बीच संभावित संवाद को अपने शब्दों में लिखिए।

1. पुरुषों का स्त्रियों के प्रति उपेक्षात्मक व्यवहार (मानव जाति का आत्मघाती कृत्य)
2. निरीह जीव- जन्तुओं की हत्या (मानव धर्म की अवहेलना)
3. प्रकृति के नियमों से छेड़छाड़ (नियति को चुनौती)

SUBJECT: SANSKRIT

"कृति संरक्षण से मानव रक्षा संभव" विषय पर मनुष्य के द्वारा करने योग्य कार्य अथवा न करने योग्य कार्य को आधार बनाकर 10 पंक्तियाँ संस्कृत भाषा में लिखिए।

SUBJECT: SCIENCE

We can heal the environment by saving and planting more trees, reduce energy consumption, avoid usage of plastics, recycle waste products, save water and forests etc. We should always consider the natural cleaning products used. Most over-the counter household cleaners contain harmful chemicals. Using eco-friendly cleaners will keep our home free of dangerous chemicals for a healthier environment.

Suggest few ways of conserving/preserving environment with the use of natural cleansing products rather chemicals and artificial sources causing depletion in natural resources, for example, air purifiers can be made by utilising plants/toilet bowl etc.

Some of the items in our pantry (like baking soda and vinegar) work as effective homemade all-purpose cleaners and, even better, cost next to nothing.

Make a list of ten common, environmentally safe natural cleaning product that you can use alone or in combination for a wealth of household applications. Also write the method of preparation (materials required & procedure) for natural cleaning product.

Upload a video and photo of the product prepared by you.

General instructions for the MDP project: -

- Project should be handwritten, and credit will be given to illustrations (scientific principles /pictures /newspaper cuttings/ Diagrams etc.)and own creativity.
- After completing the project, kindly upload your project work on one note of your class notebook of MS Teams.
- Computer generated will not be considered.
- No need to go outside to purchase any material for the project. Kindly use the material available at home only.

SUBJECT: MATHEMATICS

1. Yoga – A Great Healthy Drug.

Yoga creates the right environment for the body to heal itself.

Math in Yoga poses:

Prepare a PowerPoint presentation explaining angle relationships in yoga poses. Explain about different types of angles: acute angle, right angle, obtuse angle, supplementary angle, complementary angle, vertically opposite angle, corresponding angles etc. in different seated angle pose, triangle pose, table pose, sunbird pose etc.

2. Prepare a line graph showing covid-19 cases in India over time April 2020 – April 2021.

Prepare a tabular data showing current availability and estimated oxygen needs in top 5 highly Covid -19 affected states.

3. Prepare a bar graph depicting top 5 oxygen manufacturing companies in India and their oxygen production (in tonnes per day)

Note: Do the following exercises from A textbook of Mathematics by Monica Capoor in separate notebook.

Exercise 1(A) to exercise 1(G) of chapter 1.

SUBJECT: SOCIAL SCIENCE

COVID-19: Lessons for Disaster Management

The novel coronavirus disease (COVID-19) crisis has significantly redefined the humanitarian emergency paradigm and changed our understanding of disaster management in several ways.

First, the crisis is not limited by a geographic area or a cluster or physically defined areas in which the disaster occurred — as in an earthquake, flood or cyclone.

Second, effects of the disaster are so microscopic and invisible that one can easily underestimate its virulence or potency, as it happened in the early days of the pandemic.

Third, to mitigate the impacts of COVID-19, we have severely restricted the process of globalisation, travel and access, which we welcomed with wide open arms two decades earlier.

Students have to prepare a project based on the following points:

5 Ps Disaster Management adapted by India:

- 1. Proof of Concept with Social Experiment**
- 2. Proactive Approach**
- 3. People Management**
- 4. Partnership**
- 5. Preparation and Collaboration**

Instructions for students:

1. Use A4 size papers(minimum 3-4 pages)
2. Present your work while including flowcharts of Response system, Data collection of cases and testing, various safety measures taken with the help of newspaper cuttings etc.
3. After doing it in your file, upload it on One Note.