BHARATIYA VIDYA BHAVAN'S MEHTA VIDYALAYA

CLASS IX
HOLIDAY HOMEWORK(2022-23)

S.NO.	SUBJECT	HHW
1	ENGLISH	1. Prepare a Portfolio File with proper - • Index page • Introduction page • Acknowledgement page And the following 2 activities – ACTIVITY 1 - Art Integrated Project on Indian Musical Instruments Prepare a Best out of Waste model of any one Indian Musical instrument. Research and write about the "Classical Indian Musical Instruments". Think on the following lines while making the file - 1) What types of Indian instruments are there? 2) Choose one instrument (preferably the same instrument that you choose for making model) and write about its origin & history. 3) Who are the musicians associated with that instrument? 4) How is that instrument changing and evolving on International stage/orchestra? Rubrics for assessment: · Originality, imagination & creativity – 2 marks · Use of art to enhance or complement meaning- 2 marks · Adequate planning- 2 marks

		· Completeness/ thoroughness - 2 marks · Overall presentation & formatting organization - 2 marks ACTIVITY 2 – Article Writing Write an article for your school magazine in about 120-150 words on the topic, "Music knows no Barriers." Rubrics for assessment: • Relevance of content – 1 mark • Presentation – 1 mark • Creativity – 1 mark • Language fluency & accuracy – 1 mark • Neatness – 1 mark
2	HINDI	महादेवी वर्मा द्वारा लिखित पुस्तक मेरा परिवार पढ़ेंगे तथा किसी एक कहानी का सामूहिक नाट्य मंचन करेंगे एक समूह में 5 से 6 छात्र हो सकते हैं सिक्किम के पर्यटन को बढ़ावा देने के लिए सिक्किम के दर्शनीय स्थलों पर एक विवरणिका अर्थात ब्राउज़र तैयार करें
3	MATHS	MATHS PROJECT Represent the following irrational numbers on the number line (need not to write steps of constructions). ● $\sqrt{2}$ ● $\sqrt{3}$ ● $\sqrt{5}$ ● $\sqrt{29}$ ● $\sqrt{34}$ Hint: Mathematical Part: $\sqrt{29}=\sqrt{(25+4)} = \sqrt{(5^2+2^2)}$ Express each irrational number as the sum of squares of two natural numbers. Now construct the square root spiral up to $\sqrt{15}$ (using the skills and competencies acquired after plotting the above irrational numbers) Criteria for assessment

			● Creativity 2 Marks
			● Neatness 2 Marks
			● Accuracy 3 Marks
			● Overall presentation 3 Marks
4	**SCIENCE**		Biology- Make a chart (A 3 size) on the any one of following topics : 1. Different methods of Water conservation 2. Different methods of Soil conservation 3. Different methods to stop Global warming and reduce Climate change 4. Forest : Our life line Chart should be neat, well presented, informative and supported with pictures. Rubrics for assessment : Content - 1 mark Creativity - 1mark Relevance to the theme - 1 mark Timely submission - 1 mark Presentation - 1 mark Chemistry - 1. To create a "SCRAP FILE" on the topic- " MATTER AND HOW WE CAN CHANGE ITS STATE". Students can take help from the internet and their Textbook. Instruction for the activities :**THE SCRAP FILE should include the following pages- 1. Striking cover page

2. Table of contents

3. Information on the following subtopics-:

a) PROPERTIES OF MATTER (explained with activity)

b) EFFECT OF CHANGE OF TEMPERATURE ON MATTER.

c) EFFECT OF CHANGE OF PRESSURE ON MATTER.

d) APPLICATIONS AND NEW DISCOVERIES RELATED IN NEW LIFE.

Rubrics for Assessment of Holiday Homework:Content- 1,Timely Submission -1,Reference to the topic- 1,Creativity-1,Presentation- 1

PHYSICS

Solve the assignment (shared in the class group) in physics register.

** Make a working model on the theme " Integrated Approach in Science and Technology for Sustainable future". Its totally your choice that you can select topic for your model from Physics or Chemistry or Biology.

Rubrics for assessment :
Content - 1 mark

Creativity - 1 mark

Accuracy - 1 mark

Timely submission - 1 mark

Presentation - 1 mark

| 5 | SOCIAL Sc. | *Prepare a Project report on Diaster Management on the disaster that is assigned to you* including the following:
-Meaning
-Causes
- Do's and don'ts
 - Prevention and mitigation measures
- Your emergency Kit
- Latest means of forecasting Disasters

General Instructions:
1. It should be well presented, researched, and pictorial.
2. Cover page, table of contents, acknowledgements, bibliography, headings and sub – headings are a must.
3. The project should not exceed 10-12 pages
4. The project carries *5 marks*
The distribution of marks over different aspects relating to Project Work is as follows:

1. Content accuracy 1 mark
2. Presentation and creativity 1mark
3. Relevance to the theme-1 mark
4 . Timely submission-1 mark
5. Material used- 1 mark.

Prepare a project – Disaster Management
As per CBSE, this project is compulsory for all students
GUIDELINES FOR SUBMITTING THE PROJECT
1. Highlight the following:
- Definition of 'Disaster'.
- What is a disaster management cycle?
- What are the types of Disasters?
– What is vulnerability and risk?
- What is a Hazard? How is it classified?
- Differentiate between hazard and disaster.
- Contrast and compare physical, chemical and biological hazard |

		2.Make a table with the relevant information: (Any one physical, chemical, biological disaster) Hazard Elements of the Hazard Vulnerable groups Prevention Examples Physical Chemical Biological 3 a. Prevention and Mitigation of Common Disasters in India Read thoroughly all the chapters covered in the class.
6	**SANSKRIT**	1.पाठ्यपुस्तक शेमुषी भाग - 1 से किन्ही पाँच पाठों के लेखकों के विषय में पढ़कर परियोजना(FILE) का निर्माण कीजिए और आवरण पृष्ठ(COVER PAGE) बनाकर घर में उपलब्ध सामग्री से सजाइये। 2. अभ्यास्वान् भव अभ्यास पुस्तिका में से 5 अपठित गद्यांश और रचनात्मक कार्य (पत्र-लेखन ,चित्र वर्णन) से संबधित प्रश्नों का लिखित अभ्यास कीजिए।

7	**COMPUTER APPLICATIONS**	Design a poster in MS Word on any one of the following topics:-
		   a) Applications of Artificial Intelligence
		   b) Recent Developments/ inventions in the field of AI
		Submit the colored print out to your respective computer teacher

8	**MUSIC**	A)Vocal music children of 9A will Draw and label various parts of Tanpura B)Write the definition of Sangeet,Dhwani ,Naad ,Shruti,Swar ,Saptak ,Alankar ,Thaat ,Jaati in your Music notebook from the book Raag Parichay part 1 only
9	**PAINTING**	Painting students of 9th A will make one quick sketch of human figure every day. Morning walk ,yoga class human figure composition student will make in A4 size drawing sheet . Idea of these topics will be share in painting whats app group.