

Bharatiya Vidya Bhavan's Mehta Vidyalaya
Holiday Homework
Class VIII (2022-23)

S.No.	Subject	Holiday Homework
1	English	<p>1. War is the greatest plague that can afflict humanity; it destroys religion, it destroys states, it destroys families.”</p> <p>Based on your reading and understanding of the chapter ‘The Best Christmas Present in the World’, make a collage on an A3 size sheet based on any two events during World War 1.</p> <p>2. Read the poem ‘Macavity-The Mystery Cat’. You are the President of Animals Care Foundation, Indrapuram, Delhi. Design a poster on an A4 size sheet in not more than 50-60 words for a Pet Show organised by your foundation. Mention the eligibility criteria for the participating animals.</p> <p>Marks will be given on the basis of following criterias: Presentation- 1 marks; Content- 1 marks; Creativity- 1 marks; Originality- 1 marks; Timely Submission-1 mark</p>
2	Hindi	<p>प्रेमचंद द्वारा लिखित पुस्तक मानसरोवर भाग-1 की कहानियां पढ़ेंगे तथा किसी एक कहानी का नाट्य रूपांतरण करके कक्षा में सामूहिक मंचन करेंगे एक समूह में केवल 5 से 6 छात्र हो सकते हैं</p> <p>पुरानी चूड़ियों से सजावट की अथवा कोई उपयोगी वस्तु तैयार करेंगे</p>
3	Maths	<p>1. Define quadrilateral.</p> <p>Make a project on different types of quadrilaterals using straws, match sticks etc. and write properties of quadrilaterals.</p>

		<p>2. Make another project on the net of the following shapes: also verify the Euler’s formula for each shape</p> <ul style="list-style-type: none"> (i) Cube (ii) Cuboid (iii) Triangular prism (iv) Triangular pyramid <p>Instructions for the Activity:</p> <ul style="list-style-type: none"> • Students can use A 4 size sheets to make the project. • Use your creativity and decorate it beautifully. <p>Rubrics:</p> <p>1. Creativity – 2 Marks</p> <p>2. Presentation - 2 Marks</p> <p>3. Timely Submission - 1 Mark</p>
4	Science	<p>Students will do the following activities as per the allotted roll no.s.:</p> <p>Students will create FlashCards and Flipbook on the assigned topics:</p> <p>1. <u>To create a Flash Cards on the following topics:</u></p> <ul style="list-style-type: none"> · Deforestation (Roll no. 1-5) · Reforestation (Roll no. 6-10) · Biodiversity (Roll no. 11-15) · Endemic Species (Roll no. 16-20) <p><u>Instructions for making Flash Cards:</u></p>

- A flash card should be made on A3 size sheet which is pasted on a cardboard of the same size.
- A flash card should have pictorial information with the suitable labeling only (no further write up required).
- Minimum 4-5 or/and upto 8 flashcards to be made on the given topic.

2. To create a Magic Flip Book on the following topics:

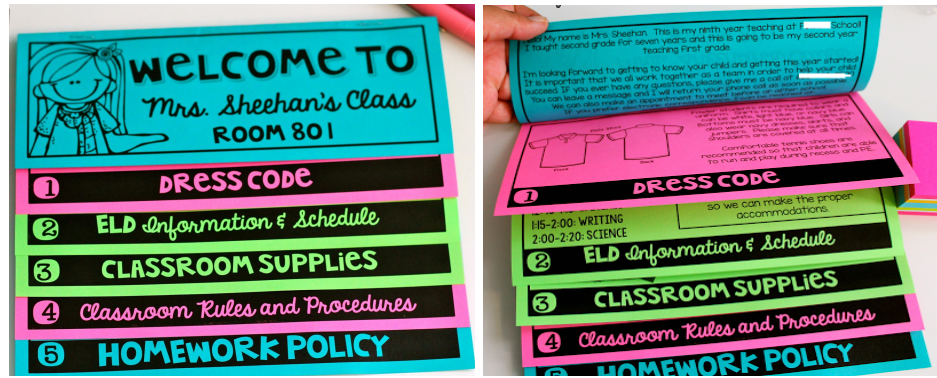
- Conservation of Forest (Roll no. 21-25)
- Wild Life Protection Act (Roll no. 26 - 30)
- Project Tiger (Roll no. 31-35)
- Project Elephant (Roll No. 36-40)

Instructions for making Magic Flip book:

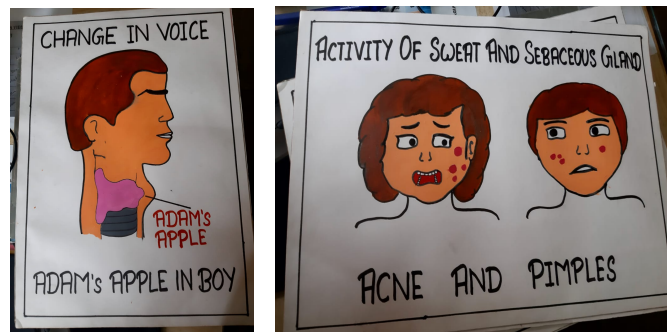
- A Magic Flip book should be prepared on A4 Size sheets.
- It should have an Innovative cover page according to the given topic.
- Minimum 4-5 pages or/and upto 8 pages to be made on the given topic.
- The complete information should be written at the back of every page and on the front side it should have pictorial information with headings only.

Students can take help from the internet and from the textbook Chapter-7 conservation of plants and animals.

(Samples of Flash cards and Magic Flip Book will be shared with the students)



Sample of MAGIC FLIP BOOK



Samples of FLASH CARDS

3. Prepare a working /static model based on Science and Technology for solving environmental issues.

Rubrics for the Activities:

- Content -1
- Timely submission -1
- Relevance to the theme- 1
- Creativity -1
- Presentation-1

5	Social Studies	<p>Make a DESKTOP OR WALL CALENDAR on the topic “FREEDOM STRUGGLE OF INDIA”</p> <p>*The calendar should be of 12 page</p> <p>Roll no 1 to 20 will make calendar on the sub topic:</p> <p><i>Freedom fighters and leaders of India who played important role in National movement (12 Freedom fighters and leaders)</i></p> <p>Roll no 21 onwards will make calendar on the sub topic:</p> <p><i>Important events and National Movements(your calendar must cover all the following evnts)</i></p> <ul style="list-style-type: none"> • <i>1857 revolt</i> • <i>Swadeshi movement</i> • <i>Non cooperation movement</i> • <i>Civil Disobedience movement</i> • <i>Quit India Movement</i> • <i>Dandi March</i> • <i>Jallianwala Bagh Incident</i> • <i>Any other event</i> <p>*Try to show creativity in making best out of waste.</p> <div data-bbox="597 1087 1203 1354" data-label="Image"> </div> <p>SAMPLE:</p> <p>Marks will be given as per the following criteria Creativity (2) Relevance to theme (2) Timely Submission (1)</p>
6	Sanskrit	<p>कोई एक गतिविधि कीजिए</p> <p>शब्दकोष निर्माण (dictionary)</p>

		<p>पाठ्यपुस्तक 'संस्कृत रत्नम्' में दिए गए पाठों में से 25 नए शब्द चुनिए व उन्हें वर्णमाला के क्रम से व्यवस्थित करके लिखिए</p> <p style="text-align: center;">अथवा</p> <p>चित्रकथा निर्माण (comic)</p> <p>पंचतन्त्र , अमरचित्र कथा आदि के आधार पर चित्रकथा बनाइए ।</p> <p>उदाहरण के लिए पाठ्यपुस्तक संस्कृत रत्नम् के पाठ - 12 को देखें ।</p> <p>(घर में उपलब्ध सामग्री का ही प्रयोग करें)</p>
7	Computer Science	<p>All students to do holiday homework according to class & section along with roll no mentioned below The holiday homework should be done in MS word and printout of the same colored or black white should be submitted to class teacher. All of you join the google classroom according to class section & upload Word file in google classroom. Link is mentioned in front of every class.</p>

VIII A	<p>https://classroom.google.com/c/NDk0NzEwODg5MDE1?cjc=xabpjwa</p> <p>class code:- xabpjwa</p>
Roll No 1-15	<p>Given are the names of some smart device, tell what makes them smart devices & also how do you find these useful</p> <p>a) Smart bulb with controller b) Drone with flight control</p> <p>c) Smart watch d) Smart Referigerator</p>
Roll No 16-30	<p>Go to https://quickdraw.withgoogle.com/</p> <p>What is the summary of result after playing game & also tell how AI works in this game</p>

Roll No
31-45

Visit the link:- <https://emojiscavangerhunt.withgoogle.com/>

Make the following observation table and answers you received while playing

S No	Emoji shown	Real Life object	Loss/Won

How AI is empowering this game

VIII B

<https://classroom.google.com/c/NDk0NzEwODg5NjAx?cjc=j65hxgd>

Class Code j65hxgd

Roll No
1-15

Go to the web page:- <https://mysteryanimal.withgoogle.com/>

Read the instruction how to play this game.

Make the following observation table and answers you received while playing

S No	Questions Asked	Yes	No	Any other answer

How AI is working in this game

<p>Roll No 16-30</p>	<p>Imagine it is 2035. AI has drastically changed the world around you. Think of the smart gadgets and appliances that would come into being after 15years. Now plan a smart home for yourself and design it on computer using smart draw online floor plan editor given in the link or any other editor if you want. Submit the colored print out of the same.</p> <p>https://cloud.smartdraw.com/?nsu=1</p>
<p>Roll No 31-45</p>	<p>Write how following apps or business are using AI to enhance customer experience</p> <p>a) Snapchat b) Facebook c) Instagram d) Netflix</p>
<p>VIII C</p>	<p>https://classroom.google.com/c/NDk0NzEwODkwMDI2?cjc=sifbydv</p> <p>Class Code sifbydv</p>
<p>Roll No 1-15</p>	<p>Play the game SEMANTRIS on link https://research.google.com/semantris</p> <p>Tell how AI works in this game</p>
<p>Roll No 16-30</p>	<p>Open the application google translate using the link https://translate.google.com. Explore the application and write about the following findings</p> <p>a) Few examples of translation done by you</p> <p>b) Skills that human beings need to translate any text or speech to another language</p> <p>c) Identify the capabilities that AI-enabled system, need to possess for working on this application</p>

Roll No 31-45	Design a poster or comic strip on your favourite Sustainable Development goals						
VIII D	https://classroom.google.com/c/NDk0NzEwODkwMTE3?cjc=w2c3u4x Class Code w2c3u4x						
Roll No 1-15	Research about companies given below and write how AI is being applied here a) Nauto b) Graphcore c) WeRide d) Waterline Data						
Roll No 16-30	Write and explore the names of tech giants/companies/startups using AI in given fields. Also briefly mention the ways in which AI is improving their business a) Education b) Gaming c) Security d) Healthcare						
Roll No 31-45	<p>Go to the web page : https://www.afiniti.com/corporate/rock-paper-scissors</p> <p>Play the game with the system and write your observation in this table</p> <table border="1" data-bbox="370 1220 1433 1493"> <thead> <tr> <th>No of rounds played</th> <th>No of times you win</th> <th>Number of ties</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> <p>How AI has been used in this game</p>	No of rounds played	No of times you win	Number of ties			
No of rounds played	No of times you win	Number of ties					