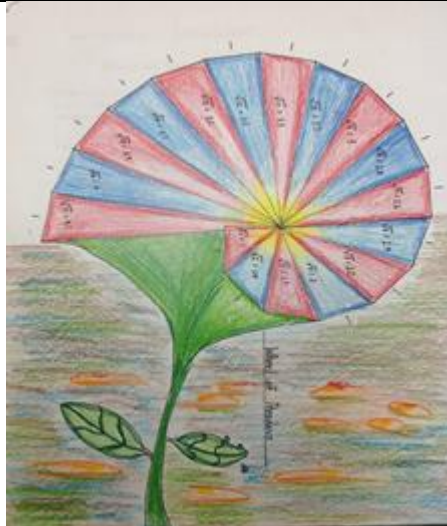


**SECONDARY DEPARTMENT  
CLASS IX (2021-2022)  
HOLIDAYS HOME WORK**

Subject	
<b>ENGLISH</b>	<p>Que 1: Make a wordle on your favourite author/ poet. Illustrate it beautifully using different colours, font and font size. You can use adjectives, famous works, and other important details.</p> <p>Que 2: Complete the story given below(120-150 words):</p> <p><i>Life seemed to be an unending series of sordid moments. It seemed as if there is no end to this gloomy affair which started with Coronavirus. There was sorrow and dejection all around. Amidst all this, there seemed a ray of hope. I was glad to know...</i></p> <p>Que 3: Make a movie/ video of not more than 3 minutes, showing what activities (such as cooking, gardening, playing instruments, dancing, sketching, painting, writing, taking care of your family, video calls with friends and family, playing indoors with friends/ pets and so on) helped you to stay positive and motivated during Covid 19. You may include pictures/ small videos of everyday routine. Insert your audio also elaborating the same.</p> <p>Ø Kindly ensure neat presentation of work.</p> <p>Ø Que 1 and Que 2 are to be done on separate A4 size sheets.</p> <p>Ø The photo of the pages clicked should be clear, in portrait mode with name, and class mentioned clearly.</p> <p>Ø Your Holiday Homework must be original, creative, complete in all respects and neatly done.</p>

<p><b>HINDI</b></p>	<ol style="list-style-type: none"> <li>1. ' कोरोना महामारी में मीडिया की भूमिका ' विषय पर मयंक और माधव के बीच संवाद लिखिए ।</li> <li>2. पोशाक के माध्यम से प्रत्येक व्यक्ति अपना प्रथम परिचय देता है इस कथन को भिन्न -भिन्न चित्रों के माध्यम से स्पष्ट करते हुए पोशाक के महत्व को समझाते हुए परियोजना कार्य कीजिए ।</li> <li>3. अनुस्वार , अनुनासिक , उपसर्ग और प्रत्यय पर एक पी .पी .टी. ( 8 स्लाइड ) तैयार कीजिए ।</li> </ol>

<p><b>MATHEMATICS</b></p>	<p><b><u>Assignment</u></b></p> <ol style="list-style-type: none"> <li>1. Solve the <b>Recapitulation worksheet</b> based on concepts learned in <b>class VIII<sup>th</sup></b>. The worksheet will be available on both Snap as well as Microsoft Teams.</li> <li>2. <b>Frame 10 questions</b> based on the image of the <b>Real Number System</b> given below. The questions should be of 1 mark each.</li> </ol> <div data-bbox="794 952 1077 1556" data-label="Diagram"> </div> <p><b><u>Art Integration Activity</u></b></p> <p>Find <b>square root spiral in nature</b> (wheel of theodorus). Take an A-4sheet and construct the square root spiral reflecting how it can appear in nature. You can refer to an <b>example shown below</b>.</p>
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### Project

**Warli Art** is a form of Indian tribal art making use of geometrical shapes such as triangles, circles etc. Prepare a **PowerPoint presentation** on Warli Art of **6-7 slides**. The ppt should cover the following aspects:

- What is Warli Art, its main **features** and the **origin** of Warli Art.
- How is Warli Art related to **Mathematics**
- Demonstrate the use of Geometry in Warli Art with pictures – **students are required to draw Warli Art and include its image in a slide.**

**Instructions:** Please make note of following instructions for the submission of your Maths Holidays Homework:

- The work should be complete and ready for submission by **15<sup>th</sup> June.**
- The **Assignment section** needs to be done in a separate register.
- Students will be given a chance to present their **Art Integration work** and Ppt. for **Project work** after 15<sup>th</sup> June.

### **PHYSICS**

**FOR ROLL NO 1 TO 16**

**1 Study the chapter MOTION thoroughly and make a well organised colourful CONCEPT MAP**

**2 Define the term DENSITY.**

	<p>Make a 5 layer DENSITY TOWER using different liquids available at home. Share your experience using photographs clicked in school uniform with your name. Paste them on coloured A 4 sheets.</p> <p>3 Indian Premiere League (IPL) is happening these days. Enjoy the game and appreciate SCIENCE in it.</p> <p>a) Write an article on the topic SCIENCE OF CRICKET (150-200 WORDS)</p> <p>HINT</p> <ul style="list-style-type: none"> <li>· science of cricket pitch</li> <li>· How weather makes an impact on batting and swing</li> <li>· Lowering hands in catching fast moving ball</li> </ul> <p>Paste relevant pictures ,newspapers /magazines article in the write up.</p> <p>b) Through the data available during these matches record the SPEED of your favourite bowlers .(any five)</p> <p>On A4 sheets present the data as</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Name of the bowler with photograph</th> <th style="width: 20%;">Team</th> <th style="width: 20%;">Speed</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> <p>Date of submission-16th June2021.</p> <ul style="list-style-type: none"> <li>· Mode of submission- Click the images and make a pdf, upload in the assignment created in teams in physics channel.</li> </ul>	Name of the bowler with photograph	Team	Speed			
Name of the bowler with photograph	Team	Speed					
<p><b>CHEMISTRY</b></p>	<p><b>FOR ROLL NUMBER: 17 TO 33</b></p> <p><b>GENERAL INSTRUCTIONS –</b></p> <p>1 ) TWO ACTIVITIES HAVE BEEN LISTED BELOW . EACH ONE IS COMPULSORY TO ATTEMPT.</p> <p>2) DATE OF SUBMISSION: 15 JUNE, 2021</p> <p>3) MODE OF SUBMISSION:SEND THE MOVIE/PPT/IMAGE IN THE ASSIGNMENT CREATED IN MICROSOFT TEAMS IN THE CHEMISTRY CHANNEL.</p> <p><b>ACTIVITY: 1</b></p> <p><b>CHEMICAL REACTIONS AROUND US</b></p> <p>DO A RESEARCH WORK OF VARIOUS CHEMICAL REACTIONS THAT HAPPEN NATURALLY AROUND US , WITHOUT ANY HUMAN INTERFERENCE . ONE SUCH CHEMICAL REACTION HAS BEEN GIVEN BELOW FOR YOUR REFERENCE :</p> <p><b>CORROSION (RUSTING OF BICYCLE )</b></p>						



PREPARE A MOVIE / POWERPOINT PRESENTATION OF TEN NATURALLY OCCURRING CHEMICAL REACTIONS ROUND US.

ACTIVITY – 2

COLOURS OF NATURE

EXTRACT THE NATURAL COLOURS / PIGMENTS FROM FRUITS, VEGETABLES AND SPICES AVAILABLE IN YOUR KITCHEN. FOR EXAMPLE: BEETROOT, TURMERIC, RED CABBAGE, ONIONS etc. AND SHOW YOUR CREATIVITY TO PAINT YOUR IMAGINATIONS ON A HANDKERCHIEF/ T – SHIRT/ ANY PIECE OF CLOTH AVAILABLE AT YOUR PLACE. CLICK YOUR PICTURE IN SCHOOL UNIFORM WITH YOUR PIECE OF ART



FOR ROLL NUMBER: 34 TO 50

**BIOLOGY**

1. Create a board game on either an animal cell or plant cell, showing the different organelles, their structures and functions, using easily available materials at home. Be creative with your game.
2. “Immunity is the protection against infectious diseases for which vaccines are given to children.” Prepare a comic strip highlighting vaccines and their importance.

NOTE: This task has to be completed in the Biology register.

	<p><b>Instructions:</b> Please make note of following instructions for the submission of your Biology Holidays Homework-</p> <ul style="list-style-type: none"> <li>· Be ready with your work by 15<sup>th</sup> June'2021</li> <li>· You will click the work and make the PDF for submission.</li> </ul>
<p><b>HISTORY/POL. SC.</b></p>	<p><b>SUBJECT- HISTORY (Chapter- THE FRENCH REVOLUTION)</b></p> <p><b>TASK 1-</b> To identify different political symbols used during FRENCH REVOLUTION and their significance.</p> <ul style="list-style-type: none"> <li>· Refer page 12 and 13 of History textbook (Box 1) and Name, draw and write the significance of symbols used to communicate important ideas.</li> <li>· Identify the symbols which stand for Liberty, Equality and Fraternity.</li> <li>· Do the task in the history fair register.</li> <li>· Draw neat images and use colour pencils only.</li> </ul> <p><b>TASK 2</b> The French Revolution spanned over ten years. There were key moments that changed its direction. Create a <b>TIMELINE</b> of pivotal moments in the French Revolution.</p> <ul style="list-style-type: none"> <li>· NOTE: Place the events in chronological order</li> <li>· Make use of markers, colour pencil, scale.</li> <li>· Draw a simple image to reflect each entry on the timeline.</li> </ul> <p><b>TASK 3 MAP SKILL</b></p> <p>On an outline physical map of France, locate and label the following places:</p> <ol style="list-style-type: none"> <li>1.The city where the storming of Bastille took place- PARIS.</li> <li>2.Port cities that owed their economic prosperity to slave trade- BORDEAUX and NANTES.</li> <li>3.The place where the National Anthem of France was sung for the first time- MARSEILLAISE.</li> </ol> <ul style="list-style-type: none"> <li>· NOTE: This task has to be completed in the History fair register.</li> <li>· Mapwork to be attempted using pencil and scale.</li> </ul>

- Use the left page to paste the map and right page to write the question.
- Refer to page 9 of the history textbook.

**TASK 4** a) Colour the state that you live in on outline political map of India

- Write the number of parliamentary constituencies in your state
- The name of the constituency that you belong to.
- The name of Member of Parliament elected from your constituency and political party to which he/she belongs.

b) On the outline political map of the world, colour the following countries using pencil colours-South Africa, China, United Kingdom, Saudi Arabia, USA.

Find out the-

- The form of government in these countries (Democratic or non-democratic)
- Names of Heads of State/Government.
- Rights given to the people. (Answer in 50-60 words)
- Draw and colour the National flags of these countries.

NOTE- The task has to be completed in Political Science registers.

- Use the left page to paste the map and right page to answer questions.
- If students are not able to arrange maps, they can write the name of the country /state and do the activity.

	<ul style="list-style-type: none"> <li>· Date of submission-16th June2021.</li> <li>· Mode of submission- Click the images and make a pdf, upload in the assignment created in teams in History/Pol.Sc. channel.</li> </ul>
<p><b>GEOGRAPHY/ ECONOMICS</b></p>	<p>A ]1. <b>Every student has to compulsorily undertake any one project on the following topics:</b></p> <ol style="list-style-type: none"> <li>a) Learning to live in Covid-19 pandemic</li> <li>b) Impact of Covid-19 on education and economy in India</li> <li>c) Impact of Covid-19 on the World Environment</li> <li>d) PRRP; Preparedness, Response , Relief and Prevention during Covid-19</li> </ol> <p>2. <b>Objective:</b> The overall objective of the project work is to help students gain an insight and pragmatic understanding of the theme and see all the Social Science disciplines from an interdisciplinary perspective.</p> <p><b>Project work on Disaster Management will helps students to:</b></p> <ol style="list-style-type: none"> <li>(a) Create awareness in them about different disasters, their consequences and management</li> <li>(b) Prepare them in advance to face such situations</li> <li>(c) Ensure their participation in disaster mitigation plans</li> <li>(d) Enable them to create awareness and preparedness among the community.</li> </ol> <p>3. If possible, <b>different forms of art</b> may be integrated in the project work.</p> <p>4.It should also help in enhancing the Life Skills of the students.</p> <p>5. The Project Report should be <b>handwritten</b> by the students themselves.</p> <p>6. Use of <b>newspaper , magazines and latest updates, maps, graphs, pie diagrams</b> should be added.</p> <p>7. The project should contain <b>10-12</b> written pages.</p>



	<p>B] Read <b>chapter-1</b> : The story of village Palampur of <b>Economics</b> and frame at least <b>10 MCQ Questions</b> and write them in your registers.</p> <p>C] Paste the outline map of India in your registers and locate the following features with the help of an appropriate symbol-</p> <p><b>Chapter-2: Physical Features of India</b></p> <p>Mountain Ranges: The Karakoram, The Zasker, The Shivalik, The Aravali, The Vindhya, The Satpura, Western &amp; Eastern Ghats</p> <p>Mountain Peaks: K2, Kanchenjunga, Anai Mudi</p> <p>Plateau: Deccan Plateau, Chotta Nagpur Plateau, Malwa plateau</p> <p>Coastal Plains: Konkan, Malabar, Coromandal &amp; Northern Circar (Location and Labelling)</p>
<p><b>SANSKRIT</b></p>	<p>1. अभ्यासवान् भव पुस्तक में से अपनी कक्षाकार्यपुस्तिका में लिखें ।</p> <ul style="list-style-type: none"> <li>* किन्हीं तीन चित्रों पर पांच-पांच वाक्य लिखें ।</li> <li>* कोई तीन पत्र लिखें ।</li> <li>* किन्हीं दो पठित गद्यांशों के उत्तर लिखें।</li> </ul> <p>2 . “अनुशासनम्, व्यायामः, आत्मविश्वासः, सन्तोषः, त्यागभावना “ इन में से किसी एक विषय पर 5 सूक्तियों अथवा श्लोकों का संग्रह कीजिए । (परियोजना कार्य) ए-4 माप के पृष्ठ प्रयोग करें ।</p>