



**Grade IX - Session: 2022-23**  
**Summer Holiday Homework**

<b>Subject Details</b>	<b>Submission Date</b>
<p><b>ENGLISH</b></p> <p><b>Read at least one of the books recommended below:</b></p> <ol style="list-style-type: none"><li>1. And Then There Were None by Agatha Christie</li><li>2. The Inimitable Jeeves by PG Wodehouse</li><li>3. Homo Deus: A Brief History of Tomorrow by Yuval Noah Harari</li><li>4. The Giver by Lois Lowry</li><li>5. A Man Called Ove by Fredrik Backman</li></ol> <p><b>The assessment of speaking skills, which is to be conducted post the summer break, will be based on the above.</b></p>	
<p><b>MATHEMATICS</b></p> <p>Students will be given a list of 4 topics from which they will choose one and do a hands-on activity on the same (individually). They will present their work on A3 size sheets. Details will be posted on their GCs.</p> <p>The link to the list of topics- <a href="https://tinyurl.com/bdf4ktx8">https://tinyurl.com/bdf4ktx8</a></p>	11th July.
<p><b>SCIENCE</b></p> <p><b><u>PHYSICS -</u></b></p> <ol style="list-style-type: none"><li>I. Complete the work done in your notebooks</li><li>II. Attempt the Google Form posted in the GCR</li><li>III. Each group of 5 to 6 students to choose any one Scientist from the following;</li></ol> <ol style="list-style-type: none"><li>1. Isaac Newton</li><li>2. Galileo Galilei</li><li>3. Archimedes</li><li>4. Blaise Pascal</li><li>5. James Prescott Joule</li><li>6. Albert Einstein</li></ol> <p>You can express the contributions of the chosen Scientist in any of the following ways:</p>	15 th July



A story/ article/ poem/ interview/ diary entry/ cartoon/ comic strip/ any other interesting form of your choice.

Please note that it should be a hand-written/hand-made and self-composed work of your own.

Between 11 July to 16 July the groups will make a collage of the individual work of all members during one of the Physics periods.

Rubric:

Presentation - 1

Innovative/creative idea - 2

Scientific coverage - 2

## CHEMISTRY -

Wishing you a very happy and healthy vacation.

For holidays homework, research on the BOSE EINSTEIN CONDENSATE AND AND PLASMA states of Matter stating their practical applications .make only two slides and submit in the assignment in your chemistry

The criteria for assessment of slides will be as below stated:-

research proficiency-2

creativity in making slides( themes used and placement of content/ pictures etc)-1

overall appeal of the slides-1

practical applications -1

15 july

## BIOLOGY -

### **Practical file work**

#### **General Instructions:**

- New experiment should start on a fresh sheet.
- Name, class and section of the student to be mentioned outside the Practical file.
- All diagrams corresponding to written work to be drawn on blank pages with pencil only.

Following practicals are to be written in the Biology practical file

1. Parts of Compound Microscope (2 worksheets to be solved and pasted in the practical file).
2. To prepare stained temporary mount of onion peel and to record observations and draw their labeled diagrams.
3. To prepare stained temporary mount of human cheek cells and to record observations and draw their labeled diagrams.
4. To Identify Parenchyma, Collenchyma and Sclerenchyma tissues in plants from prepared slides and draw their labeled diagrams.
5. To identify striped, smooth and cardiac muscle fibers and nerve cells in animals from prepared slides and draw their labeled diagrams.



<p><b>SOCIAL SCIENCE</b></p> <p><b><u>History/Political Science:</u></b></p> <p><b>Read any one of the books given in the list or watch a relevant movie on the French Revolution</b></p> <p><b>Novels :</b></p> <ol style="list-style-type: none"><li>1. Tale of Two Cities by Charles Dickens</li><li>2. The Scarlet Pimpernel by Baroness Orczy.</li><li>3. The Glass -Blowers by Daphne du Maurier</li><li>4. Citizens: A Chronicle of the French Revolution by Simon Schama</li></ol> <p><b>Prepare and write a review on one side of a coloured A 4 sheet with your favorite character / place or incident in the book or movie that impressed you the most. While you write you may also use pictures /animations .</b></p>	<b>20th July</b>
<p><b><u>Geography</u></b></p> <p><b><u>Project work on disaster management</u></b></p> <p><b>Given in the Smart Skills Pg 138</b></p> <p style="text-align: center;"><b>DISASTER MANAGEMENT</b></p> <p>Prepare a project on any <b>one</b> of the following topics</p> <p>a. Cyclone Amphanb.    b. Cyclone Yaas    c. COVID19</p> <p>Guidelines for preparing the project:</p> <ol style="list-style-type: none"><li>1. The project must be hand written and not more than 10 pages ( 20 sides, includes both sides of the paper used).</li><li>2. Relevant material, pictures, newspaper clippings or any other material related to the topic may be used.</li><li>3. The project must have - At the beginning<ol style="list-style-type: none"><li>i) A cover page</li><li>ii) An acknowledgement</li><li>iii) Table of contents / index</li></ol>At the end Bibliography which includes a mention of the sources from where reference material has been obtained.</li><li>5. The project must contain -<ol style="list-style-type: none"><li>i) An introduction to the topic</li><li>ii) Causes and consequences</li><li>iii) Contingency plans and prevention</li></ol></li></ol>	



iv) Rehabilitation

6. Marks will be allotted for –

- i) Relevance of matter
- ii) Aesthetics and presentation
- iii) Timely submission.

## HINDI

निम्नलिखित चार प्रश्नों में से किन्हीं तीन प्रश्नों के उत्तर A4 शीट पर लिखिए:-

प्रश्न-1 निम्नलिखित संकेत बिंदुओं के आधार पर **120-150** शब्दों में अनुच्छेद लिखिए:-

1. जीवन में सत्संग का महत्त्व

संकेत बिंदु-

- सत्संग क्या है
- सत्संग दुर्लभ
- सत्संग के लाभ

2. आत्मनिर्भरता

संकेत बिंदु-

- आत्मनिर्भरता क्या है
- आत्मनिर्भरता के लाभ
- आत्मनिर्भरता से जुड़ी सावधानियाँ

प्रश्न -2 . निम्नलिखित विषयों और संवाद लेखन कीजिए:-

1. बिजली की बार-बार कटौती से उत्पन्न स्थिति से परेशान महिलाओं की बातचीत का संवाद लेखन कीजिए।
2. पुस्तक विक्रेता की दुकान पर किताबें खरीदने आए छात्र और दुकानदार की बातचीत का संवाद लेखन कीजिए।

प्रश्न-3. निम्नलिखित विषयों पर विज्ञापन तैयार कीजिए:-

1. 'कान्हा डेयरी' अपने उत्पादों की बिक्री बढ़ाने के लिए एक विज्ञापन तैयार कीजिए।



<p>2. 'स्नेहा परिधान शो रूम' को अपने उत्पादों की बिक्री बढ़ानी है। वे सभी परिधानों पर 50% की छूट दे रहे हैं। इस संबंध में एक विज्ञापन तैयार कीजिए।</p> <p>प्रश्न - 4. निम्नलिखित विषयों पर पत्र-लेखन कीजिए:-</p> <ol style="list-style-type: none"><li>1. गर्मी की छुट्टियों में अपने मित्र को अपने घर घर बुलाने का निमंत्रण देते हुए पत्र लिखिए।</li><li>2. विद्यालय में प्रथम आने पर इसकी सूचना देते हुए अपनी माता जी को पत्र लिखिए और धन्यवाद दीजिए कि आपके साथ वे भी रातों में जगती रहीं, इसलिए यह सम्भव हो पाया।</li></ol>	
<p><b>FRENCH</b></p> <p>A) Get Ready :</p> <p>Model Test Paper 1( Ques 1-14)</p> <p>Model Test Paper 2( Ques 1-14)</p> <p>In the workbook itself.</p> <p>B) Smart Skills :</p> <p>Practice Paper 2 (Ques 6,7,8,10,11,12,13,14,15)</p>	
<p><b>GERMAN</b></p> <p>A) Assignment 2 , 3 and Questions 1 and 2 from Assignment 4 to be done in the Smart Skills.</p> <p>B) Practice Questions from Get Ready German Book ( Details of the same will be shared on the German Google classroom.)</p> <p>C) Design a Flyer on any 1 of the lesser known cities of Germany. ( All necessary details related to this project will be shared on the German Google Classroom</p> <p>-</p>	
<p><b>SPANISH</b></p> <ol style="list-style-type: none"><li>a. Learn Nacionalidades, Países from Smart skills (página 47-51)</li><li>b. Learn las profesiones 52-54</li><li>c. Learn Los Números (un millón) y los Números Ordinales (1 to 50) página 63 and refer to GC.</li></ol>	
<p><b>SANSKRIT</b></p>	11/07/2021



<p><b>संस्कृत लघुकथा संकलनम्</b> निर्देशाः- छात्र संस्कृत भाषा की 5 लघुकथाएँ संकलित करके A4 शीट पर चित्र सहित प्रस्तुत करेंगे। ये कथाएँ पंचतंत्र, हितोपदेश या किसी अन्य संकलन से हो सकती हैं। छात्र अपनी कथाएँ भी लिख सकते हैं।</p> <p>2. गूगल क्लासरूम में भेजी गई कार्यपत्रिकाएँ।</p>	
<p><b>Home Science-</b> Make a nice and colourful board game based on food and its nutrients.</p>	12th July
<p><b>PAINTING</b> Painting- Practical Flower vase with Flowers (Min 4 types of flowers) Medium- Colour Pencils / Crayons Fruits basket (Min 4 types of Fruits)Medium- Colour Pencils / Crayons</p> <p>Composition on types of Lines- Medium- Pencil Composition on Shape and Form- Colour pencil/ Crayons.</p> <p>Revise- Chapter- 1 and Chapter- 2</p>	12th July
<p><b>Yoga&amp;PE</b></p> <p><b>PE-</b> Work on your fitness - jogging, skipping, jumping jacks, partial curl ups, squats, practice of your game skills <b>Yoga -</b> Surya Namaskar, few Asanas, Pranayama and Dhyan</p>	