



**DAV MUKHYAMANTRI PUBLIC SCHOOL  
PATRATU, RAJPUR (C.G.)  
Summer Holiday Homework**

**Std. X (2022–23)**

**Dt: 23.04.2022**

Dear Parents,

Greetings of the Day!

It will be not wrong, if we say, Children have again proved themselves to be the winners as even during this unprecedented time of COVID-19 their learning has not stopped. The spread of this virus has given a new dimension to the Teacher, Student and Parent partnership with the Online Teaching. Thank you very much for your cooperation.

**Summer Vacation: There will be no Online Classes for Students w.e.f. 25<sup>th</sup> April 2022 (Monday).**  
Date of recommencement of Classes after Summer Vacation is **16<sup>th</sup> June 2022.**

As now we are heading towards Summer Vacation of the students, their Teachers have planned for some Activities / Homework for the students. We know that, every child is born with some inherent qualities which we as Teachers / Parents are responsible to develop through varied activities.

Summer Holidays are the time for Parents to become Teachers and Friends. It provides you with an opportunity to spend your precious time with your ward and develop an everlasting bond.

**INFORMATION FOR STUDENTS:**

1. Students need to become productive and constructive instead of relaxing. Utilise your vacation in a positive way”.
2. Stay home, eat healthy homemade foods, abide by the W.H.O. Norms - maintain social distancing, regular hand wash and use mask.
3. Try to help your parents and learn their way of interacting with elders.
4. Use this vacation as power charger, so as to be a healthier, happier & more relaxed person.
5. Read newspaper everyday and get updated. Don't stick to the Mobile Phones. Use mobiles only for the purpose of studies and something beneficial.
6. Remember to complete the Holiday Homework given below along with Project.

**GENERAL INSTRUCTIONS:**

1. **Complete the Note Books, Question & Answers, Work Sheets, Activities and Revise the Chapters of all Subjects taught to you before the Vacation.**
  - **Maths:** Only practice can make you perfect in Maths so, daily do Maths sums connected to the chapters completed.
  - **S.St :-** Practice Map, identify States and Countries and learn new terms .
  - **Languages:** - Practice writing skills and grammar, master spellings and meanings.
2. **Keep all the activities ready in Portfolio Files (1 subject 1 file) safely and submit when the school asks.**

**Please note the information related to the Holiday Homework:**

1. Each child has to prepare the Holiday Homework as per the instruction and submit it in School. The date for submission will be informed in the class.
2. All Holiday Homework to be done on A4 Size Paper as per the instruction given by Teachers and requirement of the Subject.
3. Draw (In Black Ink) a margin leaving a space of one inch from all sides of the A4 Paper before starting the Activity / Homework.
4. After completion of the Holiday Homework of all subjects, arrange all A4 size Papers properly.
5. Aesthetically design a Cover Page and place on the top of all Papers and staple all Papers properly. You can fix / paste a coloured adhesive tape on the left hand side of the papers to give it a look of a Book.
6. On the Cover Page, don't forget to write the Title as “Summer Holiday Homework” also mention Name of the School, Student's Name, Class / Section and Session 2022-23 clearly on the Cover Page.

7. Holiday Homework will be judged on the basis of neatness, creativity and originality of ideas.
8. **It will be assessed for the computation of academic results of the students.**
9. Encourage your ward to do their work independently using their mind, imagination and knowledge.
10. Parents are requested to act as a mentor and guide their child.

### **SUMMER HOLIDAY HOMEWORK:**

Read each and every chapter of all subjects completed till 23<sup>rd</sup> April 2022 and complete the following work.

<b>Subject</b>	<b>Activity / Homework</b>
<b>Maths</b>	<ol style="list-style-type: none"> <li>1. Activity: Make a Spiral Form of Real Number or Number Line on an A4 Size Paper &amp; colour it aesthetically. (Pythagorean Spiral)</li> <li>2. Prepare a Mind Map of Chapter -1 in A4 size paper.</li> <li>3. Complete the Exercise 1.1, 1.2, 1.3 and 1.4 of Chapter-1 of NCERT Maths Exemplar Book in Maths Copy.</li> <li>4. Revise Chapter-1 of NCERT Textbook in Rough Copy.</li> </ol>
<b>Science</b>	<p><b><u>Physics</u></b></p> <ol style="list-style-type: none"> <li>1. Complete the exercise questions of Chapter Light: Reflection and refraction of NCERT Book in note copy.</li> <li>2. Draw the ray diagram for spherical mirrors and lens for object kept at various places in front of it. (A4 size)</li> <li>3. As the demand for energy has increased, so has the number of alternatives for its production. One such alternative is a biogas plant. <b>What to do :</b> <ol style="list-style-type: none"> <li>1. Explore and find out the biogas plants located in different parts of India.</li> <li>2. Research out the various raw materials used, and the components used in setting up a biogas plant.</li> <li>3. Study the cost of setting up the plant.</li> <li>4. List down the benefits of using biogas plants. (prepare 400- 500 words report on the topic)</li> </ol> </li> </ol>

Stay Home, Stay Safe.

Thank you