



**SWARNPRASTHA PUBLIC SCHOOL  
SONEPAT**

**SUMMER HOLIDAY HOMEWORK  
(2021-22)**

**CLASS: XI**

SNo	Subject	Description
1	ENGLISH	<ol style="list-style-type: none"> <li>1. Cut a classified advertisement of each category from a newspaper and paste them in your English Writing notebook.</li> <li>2. Find at least five different types of display advertisements from a newspaper, cut them and paste in the notebook.</li> <li>3. Draft a poster on Save Earth on A4 size sheet.</li> <li>4. Reference to the story 'The Address' make a project of about 10 pages on the story of the Second World War and Hitler's role in killing of the Jews in Europe. Draw the map and if possible paste a few pictures as well.</li> </ol>
2	MATHEMATICS	<ol style="list-style-type: none"> <li>1. Make a project in the form of Power point presentation(at least 10 slides) based on applications and limitations of Statistics in day to day life.</li> <li>2. Do the lab activities posted on the Google classroom in Lab Manual File.</li> <li>3. Solve Miscellaneous exercise of chapter 9 in fair notebook.</li> </ol>
3	APPLIED MATHEMATICS	<ol style="list-style-type: none"> <li>1. Make a project in the form of Power Point Presentation(at least 8 slides) based on Sets (Venn Diagram)</li> <li>2. Do the lab activities posted on the Google classroom in Lab Manual File</li> </ol>
4	PHYSICS	<ol style="list-style-type: none"> <li>1. Make animated project (ppt/video) at least 15 slides according to the project given to you on classroom .</li> <li>2. Do all the physics practical ( section wise) posted on the Google classroom in Lab Manual File.</li> <li>3. Revise chapter 1,2,3and 4 .and practice atleast 20 questions from each chapter in physics notebook.</li> </ol>
5	CHEMISTRY	<ol style="list-style-type: none"> <li>1. Prepare a ppt/report on the experiment related to the discovery of any one subatomic particle of your choice.</li> <li>2. Complete the experiments in practical file which have been posted in the google classroom.</li> <li>3. Thoroughly revise chapter 1, 2 and 3 through the worksheet posted in the google classroom.</li> </ol>
6	BIOLOGY	<ol style="list-style-type: none"> <li>1. Research on safe and sustainable options in place of single use plastic which can help in minimizing the amount of plastic pollution so that we do not create plastic waste beyond a permissible level and make our contribution in safeguarding ourselves against COVID-19 and also use plastic wisely. <ul style="list-style-type: none"> <li>• Compile the information in the form of a word document (5 to 6 pages ), A4 size sheets,video &amp; posters.</li> </ul> </li> </ol>

		<ul style="list-style-type: none"> <li>• Use of pictures, flowcharts is compulsory as a supporting document.</li> <li>• Web links are provided on Google classroom according to roll no's.</li> </ul> <p>2. Write all the practicals in the practical file leaving the observation table. List of practicals will be available on Google Classroom.</p>
7	PHYSICAL EDUCATION	<p>Practical file-</p> <ol style="list-style-type: none"> <li>1) labelled diagram of 400 m track</li> <li>2) computation of BMI of self and family</li> <li>3) labelled diagram of field and equipments of any one game (athletics, badminton, boxing, chess, judo, tennis, basketball)</li> <li>4) list of current awardees of Dronacharya, Arjuna, Rajeev Gandhi Khel ratan awards.</li> <li>5) pictorial presentation of 5 asanas for concentration.</li> </ol>
8	PSYCHOLOGY	A self-reflective project consisting of movie/novel analysis related to psychology and learning of chapter-1 what is psychology
9	COMPUTER SCIENCE	<ol style="list-style-type: none"> <li>1. Solve all the back exercise questions of following chapters in fair note book: <ol style="list-style-type: none"> <li>(a) Computer Fundamentals</li> <li>(b) Data Representation</li> <li>(c) Boolean Algebra</li> </ol> </li> <li>2. Download Python from <a href="http://www.python.org">www.python.org</a>.</li> <li>3. Learn the basics of python with the help of tutorial uploaded on Google class room.</li> <li>4. Create a PowerPoint presentation on the uses of AI in the field of: <ol style="list-style-type: none"> <li>(a) Research &amp; Development</li> <li>(b) VR &amp; AR</li> <li>(c) Training</li> <li>(d) Education</li> </ol> </li> <li>5. Make a project in word/ppt/adobe spark on any one of the following topic: <ol style="list-style-type: none"> <li>(a) Internet Ethics and Security.</li> <li>(b) Cloud Computing</li> <li>(c) Parallel Machines/Super Computers</li> </ol> </li> </ol>

10	ACCOUNTANCY	A project report in accountancy of sole proprietorship or partnership or joint Hindu family business.
11	BUSINESS STUDIES	A project report on visit to an industry or production process and waste management
12	ECONOMICS	Make a project on any one of the following topics:-Covid and its impact on Indian economy,Currency war,Farmers' protest and MSP,Any other relevant topic
13	HISTORY	Learn ch1 to 3 complete project file
14	SOCIOLOGY	Learn ch1 to 3 complete practical file
15	POLITICAL SCIENCE	Revise all the chapters done in the class & Complete the Project file.

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