

SAINIK SCHOOL AMBIKAPUR

HOLIDAY HOMEWORK – CLASS: 11

16 Nov- 03-Dec 2020

All Homework should be submitted by **03-Dec-2020**, H/W rec'd after that shall not be accepted.

H/W can be sent to the respective subject WhatsApp Group or by mail at **homework_ssap@hotmail.com**

Ser	Subject	Teacher	Homework	Remarks
1	English	BKP	<ol style="list-style-type: none">1. Read a book/novel of your choice and write its review including the plot, theme, characters and other important elements in about 200-250 words.2. Write a short story (using a pseudonym) which captures some of the most difficult and testing experiences of your life during the recently imposed COVID-19 Lockdown. The story should not be written in less than 1200 words. There is no upper word limit.3. Read the newspaper daily and find out samples of the following:- a. 5 Reports b. 5 Posters c. 8 Advertisements [eg-situation vacant, lost and found, missing and sale/purchase from the classified columns of a newspaper.] Paste them neatly in the writing-skills notebook.	
2	Maths	RJK	<ol style="list-style-type: none">1. Solve All Exercise from NCERT: conic sections (Circle, Parabola, Ellipse, Hyperbola).2. Activities: To represent set theoretic operations using Venn diagrams.	
3	Physics	SHK	<p>Write all the practicals of Term-1 in your Practical Records.</p> <p>EXPERIMENTS :</p> <ol style="list-style-type: none">1.To measure diameter of a small spherical/cylindrical body and to measure internal diameter and depth of a given beaker/calorimeter using Vernier Callipers and hence find its volume.2. To measure diameter of a given wire and thickness of a given sheet using screw gauge.3. Using a simple pendulum, plot its L-T² graph and use it to find the effective length of second's pendulum.4. To study the relationship between force of limiting friction and normal reaction and to find the co- efficient of friction between a block and a horizontal surface. <p>ACTIVITES:</p> <ol style="list-style-type: none">1. To make a paper scale of given least count, e.g., 0.2cm, 0.5 cm.2. To measure the force of limiting friction for rolling of a roller on a horizontal plane.3. To study dissipation of energy of a simple pendulum by plotting a graph between square of amplitude and time.	
4	Chemistry	DSK	<ol style="list-style-type: none">1.Checking the bacterial contamination in drinking water by testing sulphide ion2. Study of the methods of purification of water3. Testing the hardness, presence of Iron, Fluoride, Chloride, etc., depending upon the regional variation in drinking water and study of causes of presence of these ions above permissible limit (if any).4. Investigation of the foaming capacity of different washing soaps and the effect of addition of Sodium carbonate on it5. Study the acidity of different samples of tea leaves.6. Determination of the rate of evaporation of different liquids7. Study the effect of acids and bases on the tensile strength of fibers.7. Study of acidity of fruit and vegetable juices.	
5	Biology	MKT	<p>Write an investigatory project work on any one of the following topics in a project file-</p> <ol style="list-style-type: none">a) Microbes in human welfareb) Study of enzymesc) Drug addiction	

			d) Dispersal of seeds e) Harmful effects of mobile radiation f) On recent disease 'Corona Virus' g) Salt: Friend or foe.	
6	CS	PD	Complete your Computer Sc. Practical Notebook (Program PDF is attached separately)	