SAINIK SCHOOL AMBIKAPUR

HOLIDAY HOMEWORK – CLASS: 9

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	SUD	• **ACTIVITY**: -Watch TV News daily for 40 minutes and based o your viewing make a new-magazine of at least two major events/occurrences/incidents. Try to draw pictures of people/actions alongside the narrative of the news. Make a suitable cover and try to use news writing narrative and format. You may copy the form and pattern from any news magazine of your liking. • **READING** • Read any two novels by the following novelists and submit a review of the same in any standard format. ✓ Rudyard Kipling ✓ EM Forster ✓ George Orwell ✓ DH Lawrence ✓ Agatha Christie ✓ Jim Corbett • **SCRAP BOOK:** Prepare a Scrap Book containing events related to National & International Politics, Sports, Cinema and Contemporary issues of November 2020.	**All the homework have to be submitted when the cadet joins the school for review and assessment.**
2	Hindi	RT/AMT	व्याकरण से 'अर्थ के आधार पर वाक्य भेद' और 'अलंकार' पर एक परियोजना कार्य तैयार कीजिए		
3	Maths	TSR	Join equivalent rational numbers given on the boundary of rectangles to obtain a star. Construct a square root spiral. **Complete the following charts, projects and models assigned to the respective student in the class: -** **Models:** Prepare wind chimes by using Mathematical shapes Prepare model of Number System. Relate polynomial to daily life **Chart : -** Formulae related to Surface area and volume. Kinds of Quadrilaterals with properties. **Projects: -** Origin and development of Number System. Concept of Rational and Irrational numbers. Importance of zero	**All the Projects will have to submitted for review and assessment.**
4	Science	SKD DSK SHK	1. Explain any five acute and chronic diseases; also mention their symptoms and their cure. 2. Preparation of: a) a true solution of common salt, sugar and alum b) a suspension of soil, chalk powder and fine sand in water c) a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of (i) transparency (ii) filtration criterion (iii) stability (iv) Tyndal effect 1. Write these activites (of Term-1) in your Physics Practical Record. a) Force require to move a Wooden Block on a Horizontal Table. b) Verification of Newton's Second law of Motion. c) Prepare a project Report on : Suppose there are 5 bulb of 9 Watt, 2 fan of 40 Watt, 1 TV of 100 Watt in a house. Let the time of use of each appliances is 8 hr/day. Than, Calculate (i) Total Electrical Power of the appliences(in KWh).	

			(ii) Total electrical energy consumed in one month(in Unit). (iii) Total cost of electricity consumption in one month if rate is Rs 4 per Unit.	
5	SST	SR	1. Cadets have to submit a hand written **project** on the topic "Prevention and Mitigation" of common disasters in India. (Disasters Management). 2. What is water harvesting? How is it good measure in overcoming shortage of water.	
6	CS	RK	1. What are the four fundamental components of a computer system? 2. What is the function of memory? What are its measuring units? 3. Differentiate between an interpreter and a compiler. 4. What is an Operating System? What are its functions? 5. What are the different types of networks? Explain them briefly.	**Create an e-mail for yourself using your school number and school name <sch no>.ssap.<year of admission>@gmail .com and then forward all your homework in digital form to the following e-mail vhw.csdept.ssap@ gmail.com**