St. Lawrence International School, Jagadhri
Summer Holiday Homework (2019-20)
{Class: 10th}

Subjects	Homework
English -	(1) Prepare a collage (half chart paper) on 'Educating the Girl Child'. (2) Make a Word-chain on the topic 'Health'. (3) Read the Newspaper daily and write five words with their meanings in a separate note-book. (4) Complete the stories:- (a) It was raining heavily, the street lights had gone off and I was returning .... Give a suitable title. (b) I got up in the middle of the night, I was sweating profusely................ (c) Night before the inter-school debate competition when everyone was fast asleep, while I was practicing.......... Suddenly................. (d) It has been over two hours waiting for the train. Ruhi was getting restless. Suddenly she................ (Also Give Suitable Titles) (4) Write an article in about 150 words. (a) In today's age of stress and anxiety, the children need to understand the importance of sleep, meditation and yoga over social networking and the use of cell phones. Write an article on 'concentration and composure', the need of the hour. (b) Write an article a 'New hope with the Right to Education'. (c)You are Rekha/Rohit. Write an article describing both the benefits and drawback of using the high-tech devices like video-games, internet, cell phones etc. So how parents are concerned about the amount of time these children spend with these and worry that it might be distracting to their academic and social development. **Periodic Test-1 Syllabus:- Ch. 1, Poem 1,2 (First Flight) Ch. 1(Footprints W/o Feet) , Article & Story Writing**
Hindi -	1. स्पर्श पद्य खंड–कबीर, मीरा, पाठ का हिंदी–अर्थ याद करें और कबीर के पाँच दोहों, मीरा के दो पद एवं को सुलेख रूप में चार्ट पर लिखें। 2. स्पर्श गद्य खंड 'बड़े भाई साहब' और 'डायरी का एक पन्ना' पाठ के सभी प्रश्नोत्तर याद करें एवं नोट बुक में अपने शब्दों में लिखें। 3. हरिहर काका पाठ को आधार बनाते हुए अपने आस पास की घटनाओं को इसी प्रकार लिखें। 4. अनुच्छेद लिखें - सहशिक्षा (co-education), 'विद्यार्थियों के जीवन में नैतिक मूल्यों की महत्ता', 'परोपकार' **Periodic Test-1 Syllabus:-** स्पर्श (पद्यखंड)– कबीरदास व मीरा पाठ के प्रश्नोत्तर स्पर्श (गद्यखंड)– बड़े भाई साहब, डायरी का एक पन्ना, तंतारावामीरो कथा पाठ के प्रश्नोत्तर अनुच्छेद।
Math -	1. Write all the formulae in a scrap file using figures. 2. Do Extra questions ten each from Ch 1-3 from a Reference Book. 3. Write a Project Report on discovery of ' Zero'. 4. Solve for values of x & y using all the four methods of solutions in same set of equations. 5. Draw the Graph of the followings (Each on separate sheet) a) Function with two zeros b) No Zero c) Three Zeros d) Four Zeros **Periodic Test-1 Syllabus :- Ch-1, 2, 3**
Science -	Do the following Assignment on sheets :- (i) An electric refrigerator rated 400W operates 8 hours per day. What is the cost of energy to operate it for 30 days at Rs. 3.00 per kwh? (2)A torch bulb is rated 2.5 V and 7.5 mA. Calculate (i) its power (ii) its resistance (iii) the energy consumed, if this bulb is lighted for four hours. (3) Identify the type of reaction from the following equations:- (i) $CH_4 + 2O_2 \rightarrow CO_2 + 2H_2O$ (ii) $Pb(No_3)_2 + 2KI \rightarrow PBI_2 + 2KNO_3$ (ii)$Cao + H_2O \rightarrow Ca(OH)_2$ (iv)$CuSo_4 + Zn \rightarrow Zn\,So_4 + Cu$ (1) Balance the following chemical equations

	Heat

	(i) $Fe\,SO_4 \rightarrow Fe_2O_3 + SO_2 + SO_3$
	 (ii) $Fe + H_2O \rightarrow Fe_3O_4 + H_2$
	 (iii) $HNO^3 + Ca(OH)_2 \rightarrow Ca(NO^3_3)_2 + H_2O$
	 (iv) (iv) $ZnCO_3 \rightarrow ZnO + CO_2$
	 (i) (a) Identify the oxidizing agent (i) $Pb_3O_4 + 8\,HCL \rightarrow 3PbCl_2 + Cl_2 + 4\,H_2O$
	
	 (ii) $2\,Mg + O_2 \rightarrow 2MgO$
	 (2) Identify the reducing agent
	    (i) $4NH_3 + 5\,O_2 \rightarrow 4\,(NO)_2 + 6\,H_2O$
	        $H_2 + O_2 \rightarrow 2\,H_2O$
	 (3) Write an activity to demonstrate electrolysis of water.
	 (4) Draw a neat & well labeled diagram of the following:- (i) Human Respiratory system (ii) Human digestive system (iii) Human circulatory system (iv) Human Excretory system.
	 (5) Revise 1-7, 12, 15
	 (6) Write Experiment no. 1-3 in your lab manual.
	
	 Periodic Test-1 Syllabus:- Ch-6, 7(Bio.), Ch-1, 12(Physics/Chemistry).

S. St. -	(1) Make a Project file on the topic ' Consumer Rights' (20-25 pages) (2) Make a Project on recent disaster like Earthquake, Tsunami etc. Learn. (3) Learn Ch-1, 2 (Economics) , Ch-1, 3(History), Ch-1 & 2 (Geo.), Ch-1, 2(Pol. Sci.) Periodic Test-1 Syllabus:- Ch-1 (History), Ch-3 (Political Science), Ch-2 (Geo.), Ch-1(Eco).
Computer -	(1) Make an assignment on benefits of Internet. (2) 20 Abbreviations of Computer. 3. Make a Chart on different web browser with their features. Periodic Test-1 Syllabus:- Ch-1, 2.