St. Lawrence International School, Jagadhri
Summer Holiday Homework (2019-20)
{Class: 9th}

Subjects	Homework
English -	(1) Learn & Write Summary with Moral of story: a) Beehive i) The Fun they had ii) Sound of the music iii) Wind b) Moments i) The Lost Child ii) In the Kingdom of Fools iii) Happy Prince (2) Write10 examples of Articles, Noun, Modals,Verb Concord,Deteminers. Periodic Test-1 Syllabus :- Moments/Beehive Ch. 1 to 3 , Notice & Advertisement
Hindi -	1. याद करने का कार्य:- Ch. 1 to 3 of स्पर्श, संचयन और व्याकरण 2. किसी एक विषय पर अनुच्छेद लिखो:- (क) ग्लोबल वार्मिंग: सबकी चिंता का विषय (ख) मानव संस्कृति का शत्रु: आतंकवाद → किसी एक विषय पर चित्र वर्णन करो :- (क) प्रदूषण (ख) पुस्तकालय Project Work: Roll No. – 1 to 12 स्वच्छ भारत Roll No.- 13 to 24 भ्रष्टाचार Roll No. – 25 to 36 अध्यापक दिवस 3. Periodic Test-1 Syllabus :- स्पर्श पाठ-1, संचयन- पाठ-1, व्याकरण Ch. 1
Math -	Practice Ch-1, 2, 3, 4, 5 and 6 and solve the questions given below:- 1. Add $2\sqrt2 + 5\sqrt3$ and $\sqrt2 - 3\sqrt3$. 2. Represent $\sqrt{10}$ on the Number line 3. Divide the polynomial $3x^4 -4x^3$ 3x-1 by (x-1) 4. Evaluate : i) $(3a + 4b)^3$ ii) $(5p - 3q)^3$ iii) $(3a + 4b + 5c)^2$ 5. Factorise: i) $4x^2+y^2+z^2$-4xy-2yz+4xz ii) $27 p^3 - \frac{1}{216} - \frac{9}{2} p^2 + \frac{1}{4}$ p 6. Find two solutions of each of the following equations: i) 2x+5y=0 ii)4x+3y=12 7. The taxi fare in the city is as follows: For the first kilometer, the fare is Rs. 8 and for the subsequent distance it is Rs. 5 per km. Taking the distance covered as x km and total fare as Rs. Y. Write linear equation for this information and draw its graph. 8. Write Euclid's five postulates. 9. Prove that sum of the angles of a triangle is 180'. 10. Find the remainder when $x^3 - ax^2 +6x-a$. is divided by (x-a). Project –Work:- 1. Make working Quiz Board based on mathematical problem (Roll No. 1-15) 2. Make a formula Booklet of Mathematics (Roll No. 15-30) 3. Make a model explaining different types of triangles. Periodic Test-1 Syllabus :- Ch- 1 to 3.
Social - Science	(1) Learn Ch. 1(History), Ch. 2,3(Pol. Sci.), Ch. 1,2(Eco & Geo.) (2) Make a Poster on Water Pollution (R no. 1-12). (3) Make a report on the topic 'India: Size and Location"(R no. 13-24). (4) Make a chart on any social issue, paste relevant pictures and write matching slogans (R no. 25-36) Periodic Test-1 Syllabus :- Ch. 1(History), Ch. 2(Pol.Sci.), Ch. 1(Eco & Geo.)
Science -	(1) A train travels the first 15 km at a uniform speed of 30 km/h, the next 75 km at a uniform speed of 50 km/h, and the last 10 km at a uniform speed of 20 km/h. calculate the average speed for the entire journey of train. (2)Find the initial velocity of a car which is stopped in 10 seconds by applying brakes. The retardation due to brakes is 2.5 m /s^2 (3)A train travelling at 20m/s accelerates at 0.5 m/s^2 for 30 s. How far will it travel in this time? (4)A car is travelling along the road at 8 m/s. It accelerates at 1m/s^2 for a distance of 18m. How fast is it then travelling? (5) A body is moving along a circular path of radius 14 m. What will be the distance travelled and displacement of the body when it completes half a revolution? (6) Draw Plant cell & Animal cell on a chart. (7) i)

	(2) Convert into °C → 200 k, 576 k, ii) Convert into Kelvin → 43°C, (8) Write an activity to demonstrate that particles of matter have Intra molecular spaces among them. (9) Revise the chapters 1, 5,6 & 8. (10) Write experiment no. 1-3,5-7 & 9 in Lab Manual. **Periodic Test-1 Syllabus:- Ch. 1,5,8**
Computer -	(1) Write 20 abbreviations of computer. (2) Make an assignments on Data types in Ms – Access. 3. Make a chart on Types of Network. 4. Learn Ch. 1,2. **Periodic Test-1 syllabus:-Ch. 1,2**