



SGS DAV CENTENARY PUBLIC SCHOOL
15 HMH Tibbi Road Hanumangarh town (Raj.) -33551
Holiday Homework (Summer 2019)
Class : X

Longer days and shorter Nights
 Dark shades & brighter lights
 Favorite music and best friends
 Keep away pencils keep away pens.

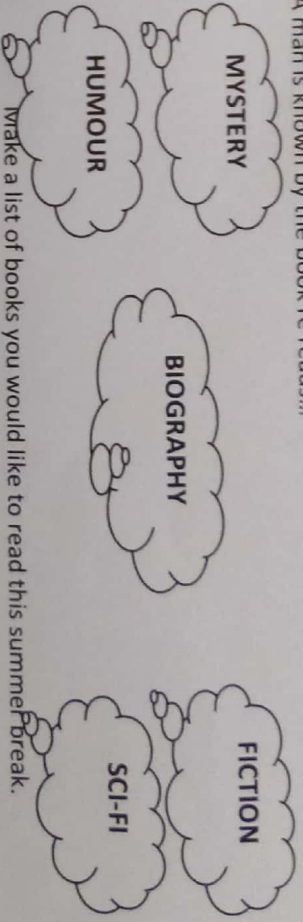
Make these days the time of your life
 And make the nights just as right
 This time only comes once a year
 So live it up without inhibition and fear

This summer break try and make a difference

- **Appreciate nature** - Go for long walks in a park or garden with your family and friends. Adopt/grow a plant.
 - **Unravel the artist in you** - Create a new story, try a new recipe with your mom, learn a new song, play a new instrument.
 - **Good manners is the key** - Respect your parents, grandparents and elders. Use three magical words (Sorry, Please and Thank you) often. A little more courtesy goes a long way.
 - **Stay Fit, stay healthy** - Play your favorite game/sport regularly. Develop in yourself the spirit of sportsmanship & sense of healthy competition.
 - **Tete a Tete** - Go for a long walks/drives with your family and friends learn from their experiences. They are a living story book.
 - **Learn about our heritage** - Find some time to visit museum and monuments. Read about them. Learn new things related to your country.
 - **Save nature** - Contribute to save our precious environment. Minimize the wastage of resources like water fuel and electricity.
- Must do:-**
- Eat healthy food and drink lots of water and juices.
 - Read every day. Watch less of TV.
 - Revise the concept taught.
 - Enjoy the summer vacation with your ward.

The Ultimate Reading List

A man is known by the book he reads...



- Make a list of books you would like to read this summer break.
- No matter how busy you are, find time for reading.
- Travel with your book.
- Seek help from others.
- Learn new things and virtues from it.

Books I read in MAY

Books I read in June

- Suggested series of story books for reading:-
1. Harry Potter
 2. Alchemist (By Paulo Coelho)
 3. You can Win (By Shiv Khera)
 4. Books by Ruskin Bond

ENGLISH:-

1. READ AND PREPARE CHAPTER 1 AND 2(FIRST FLIGHT)
2. POEMS: - READ AND PREPARE 1,2,3
3. READ AND PREPARE CHAPTER 1,2,3 (FOOTPRINTS WITHOUT FEET)
4. READ ENGLISH NEWSPAPER DAILY.
5. ATTEMPT GRAMMAR SECTION FROM PREVIOUS YEARS QUESTION PAPERS (5)

HINDI:-

पाठ 1 और पाठ 10 (क्षितिज) पढ़ो और याद करो।
पाठ 1 (कृतिका) पढ़ो।
रस के अवयव और भेद तथा रचना के आधार पर वाक्य भेद का अभ्यास करो।
दैनिक समाचार - पत्र वाचन करो।
प्रसिद्ध लेखक 'जय शंकर प्रसाद' की दो कहानियाँ पढ़कर उनकी समीक्षा कीजिए।

MATHS: - DO WORKSHEET

SCIENCE:-

(BIO)-READ AND PREPARE CHAPTER -1 AND DRAW THE DIAGRAMS.
(CHEM.)-READ AND PREPARE CHAPTER -1 AND PRACTICE THE QUESTIONS GIVEN IN NCERT.
(PHYS.) -READ AND PREPARE CHAPTER-1 AND PRACTICE THE QUESTIONS GIVEN IN NCERT.

S.ST:-

1. PREPARE CHAPTER 1,2 AND 4 OF GEOGRAPHY AND PRACTICE THE QUESTIONS GIVEN IN NCERT.
2. PREPARE CHAPTER 1 OF ECONOMICS AND PRACTICE THE QUESTIONS GIVEN IN NCERT.
3. PREPARE REPORT ON ELECTION RESULT AND PRACTICE THE QUESTIONS GIVEN IN NCERT.
4. DO MAP PRACTICE (LOCATE AND LABEL) ALL THE STATES & CAPITALS.
5. PREPARE CHAPTER 6 OF POLITICAL SCIENCE AND PRACTICE THE QUESTIONS

Information Technology :- REVISE OF UNIT 2

CLASS X (WORKSHEET)

SECTION - A

1. The numbers 60 and 90 are both divisible by 2, 3, 5, 10, 15 and 30. What is the HCF of 60 and 90?
2. Prime factorize 73500 using factor tree.
3. Find the HCF and LCM of 3150 and 2205 by prime factorization method.
4. Find the least number which when divided by 12, 15 and 20 leaves a remainder of 7 in each case.
5. If the HCF of 210 and 55 is expressible in the form $210x + 55y$, find y .

SECTION - B

1. Write a polynomial whose zeroes are 2 and -6 .
2. Find the zeroes of the quadratic polynomial $6x^2 - 13x + 6$.
3. Find the quotient when $p(x) = 3x^3 + 10x^2 - 14x + 9$ is divided by $3x - 2$.
4. On dividing $x^3 - 3x^2 + x + 2$ by a polynomial $g(x)$ the quotient and remainder are $x - 2$ and $-2x + 4$ respectively. Find $g(x)$.
5. Divide the polynomial $p(x) = 3x^3 - 4x^2 + 7x - 2$ by the polynomial $g(x) = x^2 - x + 2$ and verify the division algorithm.

SECTION - C

1. Solve the following system of equations by substitution method.

$$10x + 3y = 75 \text{ and } 6x - 5y = 11$$

2. Show that each of the following systems of equations has a unique solution and solve it

$$3x + 5y = 12, 5x + 3y = 4$$
$$2x - 3y - 5 = 0, 6x - 9y - 15 = 0$$

3. Find the value of k for which each of the following systems of equations has unique solution

$$kx + 2y - 5 = 0, 3x - 4y - 10 = 0$$

no solution

$$kx + 3y - 3 = 0, 12x + ky - 6 = 0$$

4. Solve the pair of linear equations using cross multiplication method.

$$3x + 2y + 25 = 0; 2x + y + 10 = 0$$

$$\frac{x}{a} + \frac{y}{b} = 2; ax - by = (a^2 - b^2)$$

5. The present age of a woman is 3 years more than three times the age of her daughter. Three years hence, the woman's age will be 10 years more than twice the age of her daughter. Find their present ages.
6. The sum of the numerator and the denominator of a fraction is 3 less than twice the denominator. If the numerator and denominator are decreased by 1, the numerator becomes half the denominator. Determine the fraction.
7. The sum of the numerator and the denominator of a fraction is 12. If the denominator is increased by 3, the fraction becomes $\frac{1}{2}$. Find the fraction.
8. The sum of a two-digit number and the number obtained by reversing the order of its digits is 99. If the digits differ by 3, find the number.