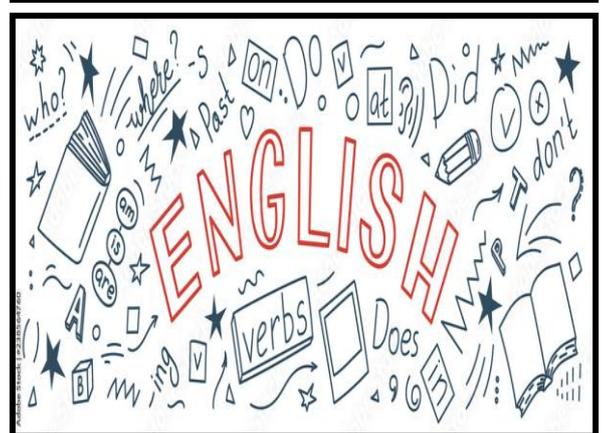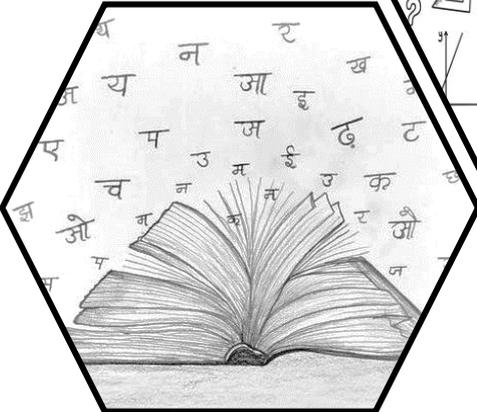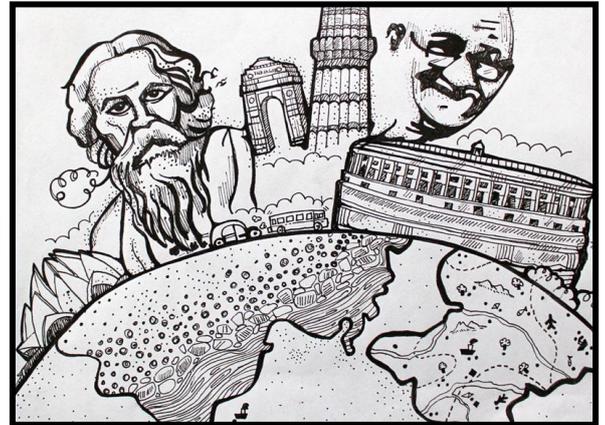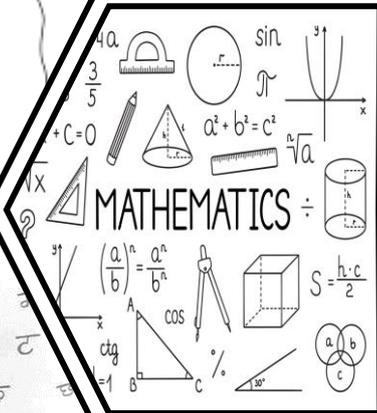# SHREE VASISHTHA VIDHYALAYA

CBSE – ENGLISH MEDIUM

2023-24

SUMMER ASSIGNMENT

CLASS – IX

Summer Assignment

Dear Parents,

Greetings from Shree Vasishtha Vidhyalaya!

"Searching and learning is where the miracle process all begins". - Jim Rohn

Vacation is just one letter different than vocation. Summer vacation is the time when children can be more candid and creative with their studies. This is the time when intellectual and other skills can be nurtured and developed. Keeping the same thought these Holiday assignments are designed by their mentors to encourage students to explore, engage and enjoy while they learn.

Here are some ways by which the students can make their holidays fun and productive.

➢ Reading a newspaper daily. Exploring some good books.

➢ Playing indoor games like Ludo, carom board, scrabble, chess etc.

➢ Helping parents in small household chores like cleaning the cupboards, watering the plants, making the bed, etc.

➢ Completing the Holiday Home Work as per the instructions given.

➢ Most importantly: Limiting the screen time.

Parents are requested to encourage their ward to do their homework independently.

• You can extend guidance to your children, if needed.

• Creativity and originality of the work will be appreciated.

• Control Screen Time: Do not let children spend too much time playing video games, instead encourage them to take up creative pursuits.

• Teach the important values of responsibility and duty.

• The Summer Break is scheduled from 07th May 2023 – 11th June, 2023. The students will resume the school from 12th June, 2023.

• **Suggested Reading:**

A Journey Through Desert – Sudha Murty

Till a few years back, I did not have a driver, and used to drive everywhere myself. The petrol bunk where I filled petrol from had a service station beside it. Some Saturdays I would take my car to that service station and stay there until it was serviced. There were two boys, perhaps fourteen years of age, who worked there. They were identical twins. One was called Ram and the other one was Gopal. They were very poor and did not go to school, yet they could speak many languages. Though Bangalore is the capital of Karnataka, Kannada is not the only language spoken here. There are many people who have come from outside the state and settled in this beautiful city, hence Bangalore has become very cosmopolitan.

Read More:

https://docs.google.com/document/d/1kcJ3En1Emu8KbRnTN1OPwsaYxLh34Z5V/edit?usp=share_link&ouid=114819954816477171272&rtpof=true&sd=true

Wishing you a happy summer! May the good sunshine of this season fill your life with glee and glow and bring your heart love and laughter!

Dr. A. K. Gaur   **Mrs. S. Srivastava**

Advisor   **Principal**

"Learning Never Exhausts the Mind."
— Leonardo da Vinci   VASISHTHA GROUP OF SCHOOLS

- **Note: All assignments are to be done in A4 Size paper/Chart Paper only.**

Subject	Assignment
ENGLISH	1. Write a self-composed poetry for our school magazine. You can also create Acronyms using initials of our school name. **Note:** To be done on a project paper. 2. Design your own newspaper. How to do? Your newspaper should have four sections. a. Facts, Figures about English language. b. Quotes by famous poets or authors. c. Games and puzzles on the bases of grammar topics. d. Caricature / cartoon of your choice. **Note:** To be done on an A4 size paper.
MATHEMATICS	**Activity 1:** **Objective** To make a square root spiral by using paper folding. [A4 Size Paper] eg., $\sqrt{2} = \sqrt{1^2 + 1^2}$. By using this Concept, we will represent irrational numbers on a number line by paper folding. **Materials Required** Tracing paper, pencil, geometry box. **Procedure** 1. Draw a line OX on the tracing paper. Mark point O on one end and mark points 0, 1, 2, 3, … at equal distances of 1 unit by paper folding. 2. Fold the paper along the line that passes through the point marked '1' and perpendicular to the line OX, i.e., fold the paper in such a way that point 'O' coincides with point '2'. Make a crease and unfold it. From the point marked '1', draw a line of length 1 unit moving along the crease. Mark the point as M such that PM = 1 unit. Join OM, clearly OM= √2 units. 3. Fold the paper along the line (fold on point M in such a way that point O joined with any point lie on OX) that passes through point M and perpendicular to OM at M. Make a crease and unfold it. From the point M, draw a line of 1 unit moving upward, along the crease. Mark the point as N such that MN = 1 unit. Join ON, where ON = √3. Continue till $\sqrt{7}$. **Activity 2:** **Objective** To obtain the mirror image of a given geometrical figure with respect to x-axis and y-axis. **Materials Required** Graph paper, pencil (coloured), eraser, Graph paper, ruler and mirror. **Procedure** 1. Draw any figure by plotting point on the graph paper with the given points below. 2. Plot some points say, A(3,0), B(3,1), C(2,1), D(2,2), E(1,2), F(1,3), G(0,3) with coloured pencils. 3. Join A, B, C, D, E, F, G 4. Consider y-axis as a mirror. 5. Fold the graph along the y-axis to get the images of points A, B, C, D, E, F, G in second quadrant as A', B', C', D', E', F', G' respectively Join A', B', C', D', E', F', G' we get the image of the stairs.

	6. Note down the coordinates of image so formed and record them in observation Table 1. 7. Repeat the procedure for the same stairs with respect to x-axis i.e, to get image of the stairs taking x-axis as mirror. 8. Now, we will get image in fourth quadrant. 9. Note down the coordinates of image along x-axis and record in Table 2. ✓ **Lab** Manual**:** Complete the Activity 1: Square root of natural numbers in lab manual.
SCIENCE	**Physics:** Read about at least five scientists and their contribution in physics and write at least 100 words on each scientist. (D.O.B, Place, Study, Invention, etc.) **Chemistry:** Perform an activity suggesting particles of matter are continually moving using ink and water. (a) Shoot video of this activity. (b) Write up in A4 size paper. **(Write all practicals in lab manual and submit it on 12/06/2023)** **Biology:** Draw and label Plant Cell and Animal Cell on A4 size paper.
SOCIAL STUDIES	Topic: Make a Map Folder Content: 1. India: States and Union Territories with capital 2. Tropic of Cancer (the states shade with colour. 3. Standard Meridian of India (States shade with colour) 4. Mountain Ranges: Karakoram, Zaskar, Shivalik, Aravali, Vindhya, Western and Western ghats (use different colour shades to show the ranges). 5. Mountain Peaks: K2, Kanchenjungha, Anai Mudi. (Locate with different symbols). Write ups: Why map is important? Write with examples. • Use separate map for all • Use crayon colours • Use Project paper for write ups
II Language (Gujarati)	૧) 'જય જય ગરવી ગુજરાત' - ગુજરાતનું ગૌરવ, મહાન માણસો, નદીઓ, કવિઓ, રમતવીરો, ઉદ્યોગપતિઓ, સ્થાપત્યો, જોવાલાયક સ્થળો વિશે માહિતી એકઠી કરી સુંદર સચિત્ર લેખ તૈયાર કરો. ૨) 'ભાષા જય તો સંસ્કૃતિ જય' - આપણી માતૃભાષા વિષય પર આશરે ૧૫૦ શબ્દોમાં નિબંધ લખો. ૩) 'જન સેવા એજ પ્રભુ સેવા' વિષયને ધ્યાનમાં રાખી એક સુંદર સચિત્ર જાહેરાત તૈયાર કરો. ૪) વાર્તા નાં મુદ્દા લખી, તમારી મનગમતી વાર્તા આશરે ૧૦૦ શબ્દો માં લખી વાર્તાને યોગ્ય શીર્ષક તથા બોધ લખો. **(ગૃહકાર્ય પ્રોજેક્ટ પેપર પર કરવું.)**
II Language (Hindi)	वीर रस, करुण रस, शांत रस, भक्ति रस, श्रृंगार रस, हास्य रस, रौद्र रस, आदि रसों में से किन्ही चार रसों से सम्बंधित एक-एक कविता लिखकर उनका संक्षिप्त सार लिखिए। (ग्रीष्मावकाश गृहकार्य प्रोजेक्ट पेपर पर लिखें।)
II Language (Sanskrit)	प्रश्न १– दशनीतिश्लोकानाम् संकलनम् कुरु। प्रश्न २– प्रदत्त उपसर्गानाम् प्रयोगं कृत्वा द्वे –द्वे शब्दाः लेखनम्। प्र, सु, आ, नि, पर, अधि, अनु प्रश्न ३– प्रदुषणस्य समस्याया: विषये मित्रै: सह वार्तालापं कुरुत। प्रश्न ४– सत्पुरुषाणाम् वैशिष्ट्य दश वाक्येषु लिखत।
Information Technology	**DIGITALISING INDIA** Create a collage of the initiatives taken by Indian Government which form a part of **Digital India**. Also, make a table and **describe briefly any five** amongst the same. Instructions: 1. Image of the collage to be made and print out has to be taken on A4 size paper. 2. Table to be made on the back side of the collage on the same paper.