

ST THOMAS SCHOOL INDIRAPURAM
SUMMER VACATION HOLIDAY HOMEWORK
CLASS – VIII (2019 – 20)



Instructions for the Holidays Home work:-

Note:-Holidays Homework carries marks hence submission of work is latest by 10thJuly is compulsory for all students.

1. The Holidays home work must be done in a very neat and presentable manner. Questions must be done in the given sequence.
2. The child will be assessed for the presentation, neatness, completion of all the given questions and timely submission.
3. Strictly adhere to the instructions.
4. Revise all the subjects as it will help you for future assessments.

ENGLISH

1. Make **Flash Cards** as discussed in the class from the lesson “Glimpses of the Past” (Honey Dew Chapter 3) to be used for Role Play in the class.
 - a. *The Company’s Conquests (1757-1849) ----- Roll no. 1 to 10*
 - b. *British Rule (1765 – 1836) ----- Roll no. 11 to 20*
 - c. *Ram Mohan Roy (1772-1833) ----- Roll no. 21 to 25*
 - d. *Oppression (1765-1835) and Dissatisfaction (1835-56) ----- Roll no.26 to 32*
 - e. *The Sparks (1855- 57) and Revolt (1857) ----- Roll no. 33to 37*
 - f. *The Fight for Freedom (1857) ----- 38 to 40*
2. **Complete** Chapter – 13 (**Reading Comprehension Passages**) from *Tsonga n Pansy*.
3. **Complete** Chapter 8 (**Vocabulary**) and Chapter 10 (**Idioms and Proverbs**) from *Tsonga n Pansy*.
4. **Revise** all the lessons done in the class.
5. Watch Movie: **THE WAVE** and write a **Movie Review** (100-120 Words) on an **A4 Sheet**

6. Conjugate the following Verbs. (A4 Sheet)

awake, bite, burst, cast, creep, choose, hit, lay, leave, let, lie, lose, pay, sew, drink, wear, weave, lend, dig, deal

Hindi

- 1 वसंत ऋतु का सुंदर चित्र बनाते हुए एक स्वरचित कविता लिखिए। (A-4 sheet पर)
- 2 कबीरदासजी का जीवन परिचय देते हुए, उनकी प्रमुख रचनाओं का उल्लेख करते हुए उनके कोई पाँच दोहे लिखिए। (A-4 sheet पर)

MATHEMATICS

Holiday homework is an attempt to channelize the creative energy of the children. Doing it in the right – spirit with enthusiasm will make it a great learning experience. Make sure that your work is neat, presentable and original and conforms to the guidelines.

- **MATHEMATICAL ACTIVITY**

Represent your most memorable day / experience using mathematical concepts.
(You can use coloured papers, graph paper, colours, etc....cutting pasting also can Be done)

***To be done in Maths lab file**

- **SUBJECT ENRICHMENT ACTIVITIES**

1. To verify sum of interior angles of a quadrilateral is 360° .
2. To verify that: i) Diagonals of a rectangle are of equal length.
ii) Diagonals of a square are of equal length.

To investigate the results for a rhombus and a parallelogram by using stretched threads.

***To be done in Maths lab file.**

- **Revise all the chapters done in the class.**

- **WORKSHEET -2**

1. Find the square root of each the following by long division method.
i) 4556.25 ii) 7903.21 iii) 9801
2. Find the square root of the following numbers correct to two decimal place:
i) 478 ii) 789
3. Find the least number that must be added to 9598 to make it a perfect square.
4. Find the square root of $10\frac{2}{3}$ correct to two places of decimals.
5. Evaluate : - $\sqrt{\frac{2809}{4096}}$ and $\sqrt{\frac{1849}{5776}}$
6. A society collected Rs 8836, each member contributing as many rupees as there were members. Find the number of members of the society.
7. What is the smallest number by which 675 will be multiplied so that the product is a perfect cube?
8. Evaluate : - i) $\sqrt[3]{4.096}$ ii) $\sqrt[3]{0.003375}$.

9. Find the value of $-\sqrt[3]{392} \times \sqrt[3]{448}$.
10. If the cube root of 175616 is 56, then find the value of :-
 $\sqrt[3]{175.616} + \sqrt[3]{0.175616} + \sqrt[3]{0.000175616}$
11. What is the cube root of $2^3 \times 3^3$?
12. By what number should 231525 be multiplied to obtain perfect cube?
13. Each interior angle of a regular polygon is 156° . Find the number of sides of the polygon.
14. ABCD is a rectangle, whose diagonals AC and BD are $4x + 7$ and $5x + 4$ respectively. Find x
15. Three numbers are in the ratio 3 : 4 : 5. If their product is 480, find the numbers.
16. In a basket there are 1250 flowers. A man goes for worship and puts as many flowers as there are temples in the city. Thus he needs 8 baskets of flowers. Find the number of temples in the city.
17. Simplify the following: i) $\frac{6}{7} \div (\frac{-18}{21} + \frac{9}{4})$ ii) $(\frac{3}{11} \times \frac{-5}{6}) - (\frac{9}{12} \div \frac{3}{4}) - (\frac{5}{13} \times \frac{-6}{15})$
18. Represent $\frac{7}{2}$ and $\frac{-7}{3}$ on the number line.
19. Find six rational numbers between $\frac{2}{3}$ and $\frac{-5}{6}$.
20. The ratio of two sides of a parallelogram is 2 : 3 and its perimeter is 60cm. Find the sides of parallelogram.

***Worksheet to be solved in A-4 sheet.**

Science

Prepare a collage by latest Newspaper stripes on the given topic.

Adolescence: Dealing with common problems like obesity, smoking, violence and addiction of online combat gaming.

Give overview to prevent such issues.

Materials needed: Newspapers, Lab manual and sketch pens.

S.Science

Prepare a report according to the given roll numbers on any one of the following cities:-

- 1) Bombay (R.No-1-8)
- 2) Calcutta (R.No-9-16)
- 3) Madras (R.No-17-24)
- 4) Darjeeling (R.No-25-32)
- 5) Shimla (R.No-33 onwards)

How and why were these cities developed by the British? Describe about their architectural style. Also paste related pictures. (A4 sheets)

Computer

1. Create a web page in Html on the following topic :
 a. My favourite tourist place (Roll no. 1 to 10)

- b. Save Earth (Roll no. 11 to 20)
- c. Election 2019 (Roll no. 21 to 30)
- d. Artificial Intelligence ((Roll no. 31 to 44)

Take a print out and Paste both the pages (Notepad coding and web page) in the computer Notebook.

2. Revise PT – I syllabus. Complete the Q-Ans of Ch-1 & 10 in notebook.
3. Do the Questions given in the following worksheet in Computer Notebook

WORKSHEET (Ch. – 1, 10)

1. Explain the components of a computer network as a data communication system. Draw the Diagram also.
2. Explain the types of Networks.
3. Explain the different networking devices.
4. Define Protocols. Explain different types of Protocols.
5. Difference between the following
 1. Internet and Intranet
 2. Website and Web portal
 3. Web page and Home page
 4. Link and Hyper link
 5. Hyper text and hyper media
 6. URL and IP address
6. What do you mean by Hyperlinking in Html? Explain the types of linking.
7. Explain the use of Frames in HTML. What are its attributes?
8. A link can be appeared in different ways. Explain them .(Unvisited, Visited and active link)

3.

SANSKRIT

1. (मौखिक कार्य)Periodic test-1का पाठ्यक्रम कठस्थ करिए।
- 2(लिखित कार्य) नौ ग्रहों का चित्र बनाकर उनके नाम संस्कृत भाषा में लिखें।(A-4Sheet)

ART & CRAFT

TOPIC : Make any 2d or 3d items with BEST OUT OF WASTE (avoid using Thermocol Sheets)