

ST. THOMAS SCHOOL
Holiday Homework and Project Work
Class 9

➤ **Chemistry**

- Make a creative chart mentioning acidic and basic radicals.

➤ **Mathematics**

- Project - Draw 5 histograms and frequency polygons from the given data.
- Homework - Complete full chapter compound interest using formula.

➤ **Physics**

- MAKE A PROJECT FILE ON THE FOLLOWING TOPICS
 1. Vernier callipers
 2. Screw gauge
- Complete the numericals of chapter2 (Motion in one dimension) 10 questions from GRAPH METHOD and 10 questions based on only formula in your fair notebooks.

➤ **English Language**

- Write an essay on Money is the root cause of all evils.
- Education will liberate you from all ignorance.

➤ **English Literature**

- List all the characters of The Merchant of Venice and write about the 5 main characters ie Shylock, Jessica, Portia, Bassanio and Antonio.
- Write the summary of the first chapter of Treasure Trove
- Write the summary of the first poem.

➤ **Biology**

- Draw a well labeled diagram of the following-
 - a) Plant Cell
 - b) Animal Cell
 - c) Bacterial Cell
 - d) Nerve Cell
 - e) Complete flower

- Explain briefly –
 - a) Types of plant tissue
 - b) Types of animal tissue

Prepare UT-1 Syllabus

Note : Do the work in your Notebook.

➤ **Hindi**

- गद्य- महायज्ञ का पुरस्कार (नाट्य रूपांतरण)
- पद्य- कबीरदास एवं उनकी साखियां
- भाषा- आई.पी.एल. 2022 एक आलेख
(तीनों एक ही फाइल में बनेंगे)

➤ **History**

- The Harappan Civilization
- Jainism & Buddhism
- Empire of the Guptas
(Any one of these)

➤ **Computer**

- Select and make a list of valid and invalid keywords from the followings:
break , account , case , student , byte , sum , public ,char ,myclass , marks , long , code , return , static , true , addition , original , else , myaccount , import , native , sumofmarks , Loops , demo , calculator , private , example , void
- Identify the types of Literals :
3356 , 12.36 , true , 505×10^{-2} , +85 , 6766 , -12 , .056 , 0 x 56 , 'a' , "hello" , 54E-2 , 0x AB5
- What are the rules to use the identifiers in Java .Make the list of set of rules.

Note-Do all the above work in Computer copy only

➤ **Geography**

- Project
- Maps
- Life of people in Equatorial Region

OR

Life of Bushmen