**MAHAVEER PUBLIC SCHOOL**

**HOLIDAY HOMEWORK**

**CLASS XI**

**SUBJECT: ENGLISH (CORE)**

1. Prepare a PPT on ‘Parts of Speech’ with definition, types also share five advance rules of each.
2. Prepare a PPT on the literary devices:- Simile, Metaphor , Personification, Alliteration , onomatopoeia, transferred epithet , imagery and symbolism.
3. Take five articles from the newspaper of English and make a list of the difficult words with their meanings. Make one–2 sentences on each of them.

**SUBJECT - PHYSICS**

1. INVESTIGATORY PROJECT BASED ON ANY TOPIC OF PHYSICS

[ CHART OF THE PROJECT, ANY WORKING MODEL IF POSSIBLE THERE, AND FILE OF THE PROJECT]

1. UNITS AND DIMENSIONS: FORMULA TABLE LEARN, APPLICATIONS AND ERROR ANALYSIS. NUMERICALS BASED ON FOLLOWING TOPICS ALSO.

**SUBJECT: CHEMISTRY**

1. Do all questions of chapter 1 “Basic concepts of Chemistry” of NCERT book in your assignment register.
2. Prepare a chart on any one topic from NCERT book, the chart should Include diagram and text in correct proportion ( chart sheet size 2’X2’)

**SUBJECT: BIOLOGY**

1. Paste10 Simple leaves and 10 compound leaves of different plants after drying and pressing on chart paper. Write the common names and biological name of the plant from which you have collected the leaves.

2. Write the difference between Simple and Compound leaves on same chart with the help of labeled diagram.

**SUBJECT: MATHEMATICS**

1. Write the following ***formulae*** on chart paper:- ( Do your work neat and clean )

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|  | 0 |  |  |  |  |  |  |  |  |
| sin | 0 |  |  |  | 1 |  |  |  | 0 |
| cos | 1 |  |  |  | 0 |  |  |  |  |
| tan | 0 |  | 1 |  |  |  |  |  | 0 |
| cot |  |  | 1 |  | 0 |  |  |  |  |
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1. Using each of the above formula do ***atleast*** one question on white sheets in a file/folder.

**SUBJECT : BUSINESS STUDIES**

1. POSTER MAKING ON A-4 SIZE SHEET

TOPIC “LAUNCHING OF ANY NEW PRODUCT IN MARKET “

WHICH ARE BEING INTRODUCED IN MARKET

(UTILITY OF SUCH PRODUCT AND ADDITIONAL FEATURES OF

PRODUCT IN COMPARISON WITH COMPETITOR’S BRAND)

1. QUESTIONS AND ANSWERS ASSINGMENT FOR CHAPTER 1 AND 2 IN THE NOTE-BOOK.
2. TO REVISE CHAPTER 1 AND 2
3. VISIT TO A SHOP (WHOLESALE MARKET OR INDUSTRIES)
4. VISIT ANY NEAR BY INDUSTRY IN A GROUP OR WHOLESALE MARKET
5. PEN DOWN THE FOLLOWING INFO-

* NAME,NATURE,TYPE OF INDUSTRY OR WHOLESALE MARKET
* 4 PICTURES OF THE VISIT
* WORKING PROCEDURE OF AN INDUSTRY OR WHOLESALE MARKET
* NO. OF EMPLOYEES WORKING
* INTERVIEW OF AN EMPLOYEE ALONG WITH THE PICS (WHILE INTERVIEWING)

**SUBJECT :ACCOUNTANCY**

1. Meaning and objectives of Accounting :- Short answer questions; Very Short answer questions; High order thinking skills (HOTS) Questions; value based Questions in separate Holiday Homework Copy.
2. Short answer questions; Very Short answer questions; High order thinking skills (HOTS) Questions; value based Questions in separate Holiday Homework Copy.
3. Basic Accounting Terms :- Short answer questions; Very Short answer questions; High order thinking skills (HOTS) Questions; value based Questions in separate Holiday Homework Copy.

**SUBJECT : ECONOMICS**

Q.1 ‘You have unlimited wants and limited resources to satisfy them’. Explain by giving two examples.

Q.2 Compare direct personal investigation and indirect oral investigation methods to collect primary data.

Q.3 ‘Statistics must be regarded as an instrument of research of great value but barring severe limitations which are not possible to overcome’. Explain.

Q.4 Write five examples of quantitative variables and qualitative variable.

Q.5 Revise whole content taught in the class.

**SUBJECT : APPLIED ART**

* Practical

Practice free hand lettering techniques-

5 sheets in sketch file.

1. Prepare 5 quotations in English on A3 size Ivory Sheet.

* Background in 2 sheets is allowed.

1. Hand exercise practice everyday.

* Theory

1. Introduction , Location & Period of “Bhim Bhetka Caves”.
2. Two important paintings of “Bhim Bhetka Caves”.

**SUBJECT : COMPUTER SCIENCE/INFORMATICS PRACTICES**

1. Write down an algorithm and draw a flow chart to count and print from 1 to 10.

2. Draw a flow chart to calculate the factorial of a number (N).

3. Draw flow chart to print the square of all numbers from LOW to HIGH.

4. Draw a flow chart to print the SUM of numbers from LOW to HIGH.

5. Draw a flow chart to print all numbers between LOW and HIGH that are divisible by NUMBER.

6. Convert temperature Fahrenheit to Celsius.

7. Draw flowchart to find the largest value of any three numbers.

8. To calculate even numbers between 0 and 99.

9. Draw flowchart to find the volume of sphere.

10. Draw flowchart to enter sale of a person and calculate commission based on following criteria

Sale Commission

0-50000 5%

50001-100000 10%

100001-150000 15%

Above 150000 20%