



# CBS.MEM.SR.SEC.SCHOOL



## SUMMER VACATION HOMEWORK CLASS -: 12<sup>TH</sup> RESEARCHER

### Hindi

- पाठ 1 भवित्तन
- पाठ 2 बाजार दर्शन
- पाठ 3 काले मेघा पानी दे
- पाठ 4 पहलवान की ढोलक
- पाठ 5.शिरीष के फूल

(सभी पाठों को पढ़ें और छोटे प्रश्न लिखें व याद करें)

- परियोजना कार्य .....

वर्तमान समय में विभिन्न क्षेत्रों में महिलाओं की उपलब्धियां पर एक परियोजना कार्य तैयार करें कार्य को पूरा करने के लिए रंगीन चित्रों का प्रयोग करें।

- अगर मैं एक मोबाइल होता, विषय पर फीचर लिखें।

### English

From all the five poems of 12<sup>th</sup> class

1. All the Figures of Speech
2. Themes of the Poems
3. Difficult Word Meanings

Write the following letters to the Editor.

- 1 Environmental Concerns:
- 2 "Spoken English" in today's World.
- 3: Problem of stray animals.
- 4 Excessive use of phones by children
- 5 Cleanliness (Swachh Bharat):

Write in FNB and learn

Project Work: A Thing of Beauty.

Where to do?- In a Pen drive/ A4 Chart

Parameters:- Originality of Idea, Creativity and presentation

Think and Write:- Reason/Cause declining of water level on the earth.

### MATHEMATICS

Do ,Solve the following chapters

- \*Chapter 1: Relations and Functions
- \*Chapter 2: Inverse Trigonometric Functions\*
- \*Chapter 3: Matrices
- \*Chapter 4: Determinants

Revision work:

\*Ch-1,2,3,4 ( One assignment with ten PYQ from each chapter)

Phase set- 1,2

**Activity card** : prepare a notebook for formulae related to all chapters and prepare a chart of integration.

**Model** : 3-D shapes

### **Biology**

1. Revise all 1-5 chapters.
  2. Prepare minimum one model on any topic.
  3. Prepare a chart on different disease bacterial, fungal, viral with complete description.
  4. Prepare ch-4 ( principles of inheritance and variation) for PT-2.
  5. Write all Crosses of CH-4 ( Principles of Inheritance and Variation in Notebook.
  6. Solve all previous Year Questions ( Given in PDF) ch-1 to Ch-4
  7. Make a model on Replication of DNA and Trancription.
- Prepare a project on DNA isolation, Pedigree analysis.

### **Chemistry**

Learn 3 units

Unit-1 Solution

Unit-2 chemical kinetics

Unit -3 Electrochemistry

Write and. Learn NCERT Exercise of these unit in notebook

Solve assignment

Make a model on Electrochemical cell.

### **Physics**

Learn Chapter 1:- Electric Charges and Fields.

Chapter 2:- Electrostatic potential and capacitance.

Chapter 3:- Current Electricity.

Solve NCERT exercise of these chapters in Fair note book.

Make a chart on any topic from chapter 1 and 2.( Gauss Theorem, Electric Field due to Dipole, Equipotential surfaces)

Make a project report on parallel plate capacitor.

Solve given assignment.

### **Computer**

Learn units,

Stack.

Queue.

Functions.

Write 10 pattern programs.

Solve NCERT exercise and pyqs of these units.

### **Music**

Brief study of following :- Alankar, Kan, Meend, Khatka, Murki, Gamak.

Brief study of the following:- Gram, Murchhana, Alap, tana.

### **Unit-2**

Historical development of time theory of ragas.

### **Unit 3**

Detail study of Sangeet Ratnakar of Sangeet Parijat.

### **Physical Education**

Read and Learn Chapter-1 and 2, (NCERT AND PYQ)

**Have a Joyful and safe holidays**

**Principal**

