

# Mahatma Gandhi Shikshan Sansthan, Darbhanga

Summer Vacation Home work – 2022 – 23

Class – 9

Make separate thin copy for doing Home work of each subject.

## Sanskrit

1. पाठेऽस्मिन् वीणायाः चर्चा अस्ति। एकस्मिन् A-4 साइज कार्डबोर्डे अन्येषां पंचवाद्ययन्त्राणां चित्रं रचिता तेषां नागननि लिखत। (पाठ में वीणा का चर्चा है। एक A-4 साइज कार्डबोर्ड पर पाँच अन्य वाद्ययंत्रों का चित्र बनाकर नाम लिखें।)
2. कत्या, तुमुन् और ल्यप प्रत्यय से पाँच-पाँच शब्द बनाकर अर्थ लिखें।
3. अरभद, युष्मद और तत् शब्दरूपों को सभी लिगों में लिखकर याद करें।
4. अरभाकं विद्यालय पर पाँच वाक्य का एक लघु निबंध लिखें।
5. गोदोहभम् कहानी का सारांश बिन्दुवार लिखें।
6. परस्मैपदी धातु का सभी लकार में सूत्र लिखें।

## Hindi

1. पाठ्य-पुस्तक 'क्षितिज' से पाठ संख्या 01, 02, 09 एवं 11 तक के सभी प्रश्नोत्तर फेयर कॉपी में तैयार करके लायें।
2. A-4 साइज के कार्डबोर्ड पर समास का वृक्ष बनाकर परिभाषा सहित एक-एक उदाहरण दर्शावें।
3. A-4 साइज के कार्डबोर्ड पर बाढ़ पर एक अनुच्छेद लिखकर उससे संबंधित एक या दो चित्र भी लगाएँ।
4. किसी दो के संबंध में अनुच्छेद लिखें:  
(क) आई०पी०एल०-2022 के फाइनल मैच का आँखें देखा हाल  
(ख) भारत की वर्तमान समस्याएँ  
(ग) आदर्श अध्यापक

## English

1. Write and memorise fifty word meanings from your text book.
2. Write the structure and examples of all kinds of tenses.
3. Paste the pictures of five English poets of romantic age and write a few lines on them.
4. Write five words with each of the following silent letters:  
(a) l (b) r (c) t (d) b (e) n
5. Write the summary of 'The Lost Child'

## Information Technology

1. Prepare a model on the topic "Walking Mini Robot".
2. Prepare a chart on the types of communication (unguided media). Make thermocol models of data transfer from one device to another using Bluetooth and WiFi.
3. Prepare a Big Back Wall Banner size keyboard.
4. Prepare a presentation showing the difference between verbal and non-verbal communication.

## Mathematics

### Assignment:

Solve the exercises 1.1, 1.2, 1.3, 2.1, 2.2, 2.3, 2.4, 5.1, 5.2, 6.1 and 6.2 from your NCERT book in a separate copy, in a neat and clean handwriting.

### Project:

Write the biography and contribution in of Euclid the field of Mathematics with a colour picture of his and submit in a stick file.

## Physics

### Assignment:

Solve all the intext and exercise questions of the Chapter "Motion" (NCERT) in a separate copy.

### Project:

Write biography and contribution of Sir Issac Newton in the field of science with a colour picture of his and submit in a stick file.

## **Chemistry**

1. Compare the properties of Solid, liquid and gas.
2. Learn names and symbols of elements 1 to 20 and write in your note book.
3. Draw experimental diagram of sublimation and write five examples of substances which sublime.
4. Solve NCERT exercise of chapter Matter in Our Surrounding.
5. Prepare complete note book of chapter Matter in Our Surrounding.

## **Biology**

### **LIFE PROCESSES**

#### **COMPETENCY LEVEL QUESTIONS**

1. Why is the inner wall of the alimentary canal not digested although the digestive enzymes can digest all the materials that make cells?
2. Why enzymes are in active form even when there is no food in our stomach?
3. Is leaf fall related to excretion? How?
4. The two openings of the pharynx, one leading to trachea and the other leading to oesophagus, lie very close to each other. Yet food we swallow normally does not enter into our trachea. Why?
5. Normally a vein opens into a large vein or into the heart but does not end in capillaries. Which one or more veins in human are exceptions to this rule?

### **S.St**

Answer the following in a neat & clean handwriting.

1. Prepare a project report on cultivated land and wasteland in your locality.
2. Locate/ Label the northern plains and coastal plains on an outline map of India.
3. Describe the French society during old regime.
4. Describe key features of democracy.