

**DAV Public School, Madhepur, Madhubani**  
**Summer Vacation Home Work**

Class-IX

History-

1. Topic wise Question/Answer.
2. Revise Taught topics.

Civics (Democratic politices)

1. Topic wise Question/Answer
2. Revise Taught topics

Project work- Make a list of Democratic setback in different phase of Pakistan in the past.

Maths-

1. Update fair.
2. Prepare for 1<sup>st</sup> periodic test.

Project work-

- i. Represent  $\sqrt{7}$  on the number line by geometrical method.
- ii. Represent  $\sqrt{12.1}$  on the number line by geometrical method.

Eco-

1. Update your fair notebook.
2. Frame any 15 MCQ with their answer from Ch-1.

Project- Draw and colour the image of various inputs of agriculture regarding to modern farming.

Geography-

1. Update your fair notebook.
2. Fram 10 MCQ from ch-1 with answer.
3. Project work- Locate the name of states with their capitals on the political map of India. ( map will be drawn on chart paper by you).

Sanskrit-

1. Update fair
2. Project work- श्लोक लिखकर उसका हिन्दी अर्थ लिखें पाठ 2 से ।

Hindi-

1. प्रेमचंद के व्यक्तित्व एवं कृतित्व पर प्रकाश डालते हुए एक प्रोजेक्ट फाइल तैयार करें ।
2. विद्यालय छोड़ने के प्रमाण-पत्र लेने के लिए प्रार्थना पत्र लिखिए ।
3. 'मातृभाषा का महत्व' विषय पर लगभग 500 शब्दों में अनुच्छेद लिखें ।

## English-

1. Three man in Boat- by Jerome J Jerome, Read the book create 5 questions from each lesson and write their answer.
2. Write a poem on your mother and shows your love & respect them (Chart paper)
3. Write and learn 10 words from each letter of English alphabet with synonyms and antonyms.

## Physics-

1. Solve the question of NCERT book chapter- Motion
2. Show the graphical representation of the following formula.
  - a.  $S = ut + \frac{1}{2}at^2$
  - b.  $v^2 - u^2 = 2as$
  - c.  $v = u + at$

on chart paper.

3. Show the following graph.
  - i. Distance-time graph.
  - ii. Uniform and non-uniform speed time graph.
  - iii. Acceleration-time graph
  - iv. Velocity –time graph
  - v. Speed-time graph

## Chemistry-

1. Solve the NCERT Question of chapter- Matter in our surrounding.
2. What is the meaning of following experiment with the help of diagram.
  - a) Separation of water and oil by separating
  - b) Magnetic separation
  - c) Separation of Iron nail, sulphur powder

## Biology-

1. Draw the following diagram in chart paper.
  - a. Mitochondria
  - b. Chloroplast
  - c. Golgi complex
  - d. Nucleus
  - e. E.R and Ribosome
2. What are the five difference between plant cell and animal cell with the help of diagram.