

**ADARSH VIDYALAYA MOWA**  
**HOLIDAY PRACTICE WORK / SKILL DEVELOPMENT ACTIVITIES (2024-25)**  
**CLASS – XII SCIENCE**

**General Note:**

- 1. All the assigned work will be assessed and graded.**
- 2. All vacation Practice work need to be done in class work copy.**
- 3. Assessment of reading will be done in every exam.**
- 4. Students should learn Hindi and Sanskrit pledge.**
- 5. Parents are requested to:**
  - **Spend time & have meals together with your ward.**
  - **Motivate your ward to inculcate the habit of “READING HINDI & ENGLISH Literature (Newspaper, Comics etc.)**
  - **Allow them to be independent (age wise) in their daily tasks like:**
    - **Arrange shelves**
    - **Washing their own plates**
    - **Watering plants & weeding Garden**
    - **Hang/fold clean clothes**
    - **Dust furniture**
    - **Do simple mending (hems, buttons, etc.)**
    - **Shop for groceries with list**
    - **Iron clothes etc.**
  - **Include your ward while preparing monthly budget.**
  - **Share your family history & your childhood memories with them**

## **SUBJECT- ENGLISH**

1. Write two notices for each of the following category:

- (a) School Notice Board- For any Event/Seminars/Competitions Sports/Cultural /Extra-curricular activities
- (b) Residential Meeting
- (c) Appeal
- (d) Lost and Found

2. Education is a powerful weapon that aids an individual to face the adversities of life. Write an article in 120-150 words on the topic 'Education –the Basic Need'.

3. Read the chapter: Journey to the End of the Earth.

Write review of the chapter and aim of the chapter

4. The lesson 'Lost Spring' highlights the plight of street children forced into labour in their teens & the indifference of society & political class to their wellbeing. Make a project which includes the following points.

- 1. Reasons for the growth of child labour in India.
- 2. Instances of involvement of children forced into labour.
- 3. Impact of such practices on the wellbeing of children.
- 4. Suggestions about how this social practice can be eradicated.

## **SUBJECT-HINDI**

वाचन-

- (1) पाठ -1 कहानी 'भक्तिन' समझकर पढ़ना व प्रश्नोत्तर को समझकर याद करना।
- (2) नियमित रूप से हिंदी समाचार पत्र पढ़ना।
- (3) महादेवी वर्मा की कहानी 'घिसा' पढ़ना व व उसकी तुलना कहानी 'भक्तिन' से करना।

लेखन-

- (4) डायरी लेखन - तीन दिनों की डायरी लिखना ।
- (5) जनसंचार के विभिन्न माध्यमों की खूबियाँ और खामियाँ लिखना ।
- (6) रेडियो के लिए जब समाचार लिखा जाता है, तब कौन-कौन सी बुनियादी बातों का ध्यान रखना चाहिए, लिखिए।

क्रियाकलाप-

- (1) परियोजना कार्य के लिए विषय-वस्तु का चयन करना व परियोजना बनाना

## **SUBJECT-MATHS**

1. Solve atleast 20 questions of Chapter -1(Relations and functions).

2. Draw the mind mapping of following chapters of class XI

- A. Trigonometric Functions
- B. Straight Lines
- C. Conic Sections
- D. Limits and Derivatives
- E. Linear Inequalities

## **SUBJECT-PHYSICS**

1. Write all the expressions and equations which you have studied in your previous classes (in practice notebook).
2. Solve NCERT questions of chapter 1.
3. Complete your practical and activity copies.
4. Prepare a mind map on chapter Electric Charges and Fields.
5. Prepare a bulletin board depicting the important works of DRDO/ISRO from 2015 till date.

## **SUBJECT-CHEMISTRY**

1. Solve NCERT questions of chapter 1 solution
2. Prepare a mind map of previous chapter S and P block elements on the basis of Chemical and physical properties.
3. Prepare a notes on functional group and their types including their prefix and suffix.
4. Each student has to make an investigation project.

## **SUBJECT-BIOLOGY**

1. Prepare a mind map of chapter 1 – sexual reproduction in flowering plants.
2. Draw a well labelled diagram of:
  - A. Male Reproductive system
  - B. Female Reproductive system
  - C. T.S of ovary
  - D. Ovum
3. Complete your practical copies.
4. Why is it that the generative cell of 2-celled pollen divides in a pollen tube and not of 3-celled pollen?

## **SUBJECT-PHYSICAL EDUCATION**

1. Discuss the advantages and disadvantages of knock-out tournament in brief.
2. Discuss any two objectives of planning in sports.
3. Draw a fixture of 17 teams on knockout tournament.
4. What is importance of tournament?

## **SUBJECT-YOGA**

1. What is the meaning of Shatkarma?
2. What is the meaning of Pranayama?
3. What are the six limbs of Shatkarma?
4. Write two benefits of Dhauti.
5. Write two benefits of Neti.

## **SUBJECT - INFORMATICS PRACTICES (065)**

1. What is a computer? Explain its components with examples.
2. Explain types of Networks.
3. What are the different types of topologies? Draw the layout / diagram of all topologies.
4. Expand the following terms:
  - a. ARPANET
  - b. ISP
  - c. URL
  - d. HTTPS
  - e. PDA
5. What is MODEM? What are its types?

## **SUBJECT - MUSIC**

1. Learn and Write Introduction of Alankar, Meend, Kan, Khatka, Murki, Gamak.
2. Do Practice Raag Bhairav with Aaroh, Avroh, Pakad, Bandish, Aalap.
3. Write details of Raga Bhairav.