



Bharatiya Vidya Bhavan's Atmakuri Rama Rao School
Road No.45 (End), Jubilee Hills, Hyderabad - 500 033
Holiday Homework - (2026 - 27)

Class X

• **Subject - English:**

Character Diary (Literature-Based)

Choose any one character from your Lesson 'Two Gentlemen Men of Verona' and write 4-5 diary entries. Write their feelings, struggles, and thoughts in a personal way.

PORTFOLIO: PREPARE A PORTFOLIO WITH THE FOLLOWING -

- (Prepare a file with A4 size sheets)
- Introduction
- My strengths
- Ideas to improve on...
- My achievements
- I have participated in...
- The books I have read
- The book I wish to read

• **Subject - Mathematics:**

Dear Students,

Mathematics Holiday HW consists of three parts: Part A & Part B. Part A - activities & Part B worksheets

• ***Part A:***

Following record activities need to be done neatly and colorfully as mentioned in the record book. Follow the given instructions carefully and use the required material.

Activities link:

<https://docs.google.com/document/d/1gXidQe0N3ZfQ68T8VN4PQBoTGpgNUcU/edit?usp=sharing&oid=113032431953360930477&rtpof=true&sd=true>

- ***Part B:*** Complete the chapter 1,2 worksheet in the HW book.

- **Subject - Science:**

Physics : Working Models:

1. Electromagnetic Crane

Concept: Magnetic effect of electric current

Model: Coil wire around a nail + battery Application: Scrap lifting cranes

2. Electric circuit- series or parallel

Chemistry: Working model

1. Electrolysis of water

2. Chemical reaction with evolution of gas.

Biology:

1. Prepare a PPT on Nutrition in plants and animals. (10 - 12 slides with pictures)

2. Working model of Human - heart /respiratory system/kidney filtration (select any one) .

Note:

Select one topic from each (phy/che/bio) and submit it on 12th June.

Model making Tips:

Pick models that explain a principle use low cost materials, Explain the Sustainable development Goals + Real life applications.

- **Subject - Social Science:**

Sustainable development is an approach to growth and human development that aims to meet the needs of the present without compromising the ability of future generations to meet their own needs. The aim is to have a society where living conditions and resources meet human needs without undermining planetary integrity. Sustainable development aims to balance the needs of the economy environment and society Prepare one project on the topic “Sustainable Development “of 20 pages.

The guidelines for the project work are given below:

- Page 1 - Title, Name, Class, Section etc.
- Page 2- Index
- Page 3-Introduction of the topic- What are resources?
Classification of resources.

- Page 4 to 13-Topic chosen for the project work, for example soil, water, forests, fossil fuels etc., its uses, and how over-exploitation of the said resource is leading to serious environmental issues and what should be done to conserve the said resource etc.
- Pages14-18 - Case study
- Page 19- Bibliography
- Page 20- Teacher's Remarks

The project work should be done on A 4 size sheets.

Write only on one side of the page.

The project work should be supported with appropriate pictures.

• Subject - II Language:

Telugu:

1. ఏవైనా ఇరవైపొడుపు కథలను సేకరించి రాయండి.
2. వేసవి సెలవులలో మీ పెద్దవాళ్ళ ద్వారా తెలుసుకున్న ఏదైనా ఒక మంచి విషయం గురించి, ఆవిషయానికి సంబంధించి మీ మధ్య జరిగిన చర్చను సంభాషణ రూపంలో రాయండి.

Hindi:

“प्रसिद्धहिंदीकवि/लेखकगैलरी”

Make a charts/models .

Example:

MunshiPremchand

Harivansh Rai Bachchan

MahadeviVerma etc.

Sanskrit:

पञ्च चित्राणां संस्कृतेन सप्तवाक्यमितं चित्रवर्णनम् कुरुत। Describe five pictures in Sanskrit. (Each of 7 to10 sentences)

- Art: WHAT LIFE MIGHT LOOK LIKE IN 2100