



Bharatiya Vidya Bhavans Atmakuri Ramarao School

Road No: 45, Jubilee Hills, Hyderabad-500033

Holiday Homework - Class: X

2024-25

Subject: English

1. A TRAVEL BROCHURE (To be made as a booklet)

Research on FAMOUS ARCHITECTURAL STRUCTURES (any 3 - 4 monuments/temples) of Telangana and Jharkhand. Prepare a travel brochure describing them.

You can use the following guidelines to make your brochure informative and attractive (with pictures).

1. Name of the temple/monument
2. Location
3. How to get there
4. Architectural details
5. Historical background
6. Best time to visit

2. PORTFOLIO:

PREPARE A PORTFOLIO WITH THE FOLLOWING - (Prepare a file with A4 size sheets)

- Introduction
- My strengths
- Inced 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 two parts:

Part A - activities

Part B - worksheet.

Part - A

Following record activities need to be done neatly and colorfully in the record book. Follow the given instructions carefully and use the required material (not just drawing it) :

Record activity book link :

https://drive.google.com/file/d/1VZHO3LdFbWxm-uktJ52dqdAag43C_uvg/view?usp=sharing

Activity No. 2 (page no.98)

Activity No. 3 (page no.101)

Activity No. 5 (page no. 107)

Activity No. 10 (page no.117)

Activity No. 12 (page no.121)

Activity No. 13 (page no.124)

Activity No. 24 (page no. 157)

Activity No. 31 (page no. 174)

Every activity should contain the side headings of :

- ✓ Name of the topic
- ✓ Objective
- ✓ Materials required
- ✓ Procedure
- ✓ Observation
- ✓ Calculation/remark

Part - B

Chapter -1 and Chapter-2 worksheet need to be solved in the separate book

Subject: Science

1. Write the Experiments from practical manual into your Lab record:

Record 1: Biology and Chemistry:

1. Finding pH of the following samples by pH paper/ universal indicator(a to f).
2. Performing and observing the following reactions and classifying them into a. Combination reaction b. Decomposition reaction c. Displacement reaction d. Double displacement reaction (i to iv)
3. Observing the action of Zn, Fe, Cu and Al metals on the following solutions (a,b,c,d) and arranging them in decreasing order of reactivity.
4. Preparing a temporary mount of a leaf peel to show stomata.
5. Experimentally show that carbon dioxide is given out during respiration.
6. Identification of different parts of an embryo

Record 2: Physics

1. To determine the focal length of a concave mirror and a convex lens.
2. To trace the path of a ray passing through a rectangular glass slab.
3. To trace the path of a ray of light passing through a glass prism.
4. To find the image distance for varying object distances in case of convex lenses.

2. Read Chapter 13 (Our Environment) and prepare a powerpoint presentation covering the following topics:

Slide 1: Topic heading, your name, class and section

Slide 2: Ecosystem and Types of ecosystems

Slide 3: Trophic levels and Flow of energy

Slide 4: Food chains in different ecosystems (Grassland, Aquatic & Forest ecosystems)

Slide 5: Food web and examples

Slide 6: Segregation of waste into Biodegradable and Non-biodegradable waste

Note: Prepare only 6 slides

3. Prepare a booklet on usage of concave and convex mirrors in our day to day life. Record your observations by visiting a Mall.

Subject: Social Science

Prepare a 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.

Pages 14 - 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: Telugu

- ❖ తెలుగు వార్తా పత్రికలలోని ఏవైనా 10: సంపాదకీయాలను సేకరించి వాటిని A4 sheets లో అతికించి తీసుకు రండి. సేకరించిన సంపాదకీయాలను అర్థం చేసుకొని నేటి విద్యా విధానంలోని మార్పులను గురించి ఒక సంపాదకీయాన్ని స్వయంగా తయారు చేయండి.

Subject: Sanskrit समयः, अव्ययानि

- Write the dialogue writing संवादः -कालोऽहम्/or any संवादः related to समयः
- समयः -make a model for clock in Sanskrit
- अव्ययानि (वाक्येषु प्रयोगः)- कदा, श्वः, परश्वः, अद्य, ह्यः, परह्यः

Subject: Hindi

तेलंगाना व झारखंड राज्यों के दर्शनीय स्थलों के बारे में परियोजना कार्य कीजिए।

Subject: Art

DRAW WAR SCENE USING SPORTS EQUIPMENTS INSTEAD OF WEAPONS