



Bharatiya Vidya Bhavans Atmakuri Ramarao School

Road No: 45, Jubilee Hills, Hyderabad-500033

Holiday Homework - Class: IX

2024-25

Subject: English

1. Poster Making:

Topic: Literacy Drive With Slogan

- Don your creative caps and translate your ideas in a colourful poster (A4 sheet) with a catchy slogan.

2. Autobiography

Topic: A Tree - in about 250 words.

Imagine you are a Tree and express your emotions in various stages of your growth with notable incidents including exploitation by humans.(use first person pronoun)

Relevant pictures may be included in a colourful A4.

Subject: Science

a. Prepare a case study on Animal Husbandry on any one of the following.

- i) Aqua culture
- ii) Sericulture
- iii) Apiculture
- iv) Poultry
- v) Cattle farming

List the supplements provided for the above and the drugs used to prevent various diseases.

b. Equipment used under Animal husbandry

(Pictures, Principle and working of these equipments)

Note: Make a brochure

Subject: Mathematics

Dear Students,

Mathematics Holiday HW consists of three parts: Part A, Part B & part C.

Part A - Activities

Part B - Project & Part C worksheet.

- **Part A:**

Activity book

link:https://drive.google.com/file/d/11sEKZBwBj7c5_qTHgRTHXkVTgCvGEQ2u/view?pli=1

Following activities need to be done:

Activity No. 6 (Page No.- 25)

Activity No. 9 (Page No. - 33)

Activity No. 24 (Page No.- 67)

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.

Your activity should contain:

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

- **Part B:**

Classes: IX A & IX B

(i). Investigate the various historical aspects of the number Zero and the Concept of π and present on A4 sheets.

(ii). Construct the Square root Spiral .

Classes: IX C & IX D

(i). On A4 sheets, write about any 5 great mathematicians and their history, Contribution to this field.(Need to choose mathematicians such that they are related to class 9 chapters)

(ii) Construct the Square root Spiral.

Note : Square root spiral reference pictures:

<https://drive.google.com/file/d/1yR2X6JqYPv7vWHFtxG8MPgVrxEDWLMUa/view>

In the above link , you'll find various pictures of square root spirals as references.

Your task is to use these pictures as inspiration to create your own square root spiral.

- Part C: Complete the chapter 1 worksheet in a separate note book.

Subject: Social Science

Disaster Management is how we deal with the human, material, economic or environmental impacts of said disaster. It is the process of how we prepare for, respond to and learn from the effects of the measures failure. Disasters are of two types - Natural and Human induced disaster.

Prepare one project on Disaster Management of 15 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 is the meaning of disaster, types of disasters etc.

Pages 4 to 9 - Topic chosen for the project work, for example Tsunami, Earthquake, Oil spill, Chemical Explosion etc. What causes the said disaster and how it leads to the serious problems and threat to life, measures that can be taken to mitigate damage and destruction caused by the said disaster etc.

Pages 10 - 13 Case study

Page 14 - Bibliography

Page 15 - 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

- ❖ మీ ప్రాంతంలో ఉన్న సమస్యలపై స్పందిస్తూ సమస్యను పరిష్కరించమంటూ సంబంధిత అధికారికి ఒక లేఖ రాయండి. వాటిని పత్రికలో ప్రచురించేటట్లుగా చూడమని సంపాదకునికి మరోలేఖ రాయండి. వాటిని A4 sheets పై రాసి తీసుకురండి.

Subject: Sanskrit शब्दरूपाणि, धातुरूपाणि

1. अकारान्तः पुँल्लिङ्गः शब्दः- राम, कृष्ण, बालक, वृक्ष, विद्यालय,
गत, कर्तव्य, पठनीय, ब्राह्मण, विवेक
practice and write in class work. (10 words)

Subject: Hindi

तेलंगाना व झारखंड राज्यों के त्योहारों के बारे में परियोजना कार्य कीजिए।

Subject: Art

Draw Any Monuments In Telangana
