



BHARATIYA VIDYABHAVAN'S ATMAKURI RAMA RAO SCHOOL

ROAD NO: 45(END), JUBILEE HILLS, HYDERABAD-500033

Class IX - Holiday Homework May -2022

Subject : Maths

Dear Students,

Mathematics Holiday HW consists of two parts; Part A & Part B. Part A - activities and Part B - Project.

Part - A

The following activities need to be done in the record book neatly using the materials provided at the back pages.

Activity No.	Page No.
1.3	16
2.1	27
2.7	50
3.1	57
4.6	79
4.15	103
5.1	119
6.1	128

Your activity should contain:

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

Part - B

The following project needs to be done on a Chart paper/A4 sheet.

Classes: IX A & IX B	History of Mathematical Concept (Pythagoras Theorem)
Classes: IX C & IX D	Some Prominent Mathematicians

Subject : Science

1. India is a developing country and there is an increasing demand for food production to meet the demand of increasing population. Refer to Chapter 15 (Improvement in Food Resources) in your text book and prepare a creative Brochure or a booklet on any one of the following topics:

- i) Cattle Farming
- ii) Bee keeping (Apiculture)
- iii) Poultry Farming
- iv) Silk Farming (Sericulture)
- v) Fish Farming (Pisciculture)

Note: Visit any of the above farm, interact with the farmers, take pictures and incorporate in your project (*Field visit is not mandatory)

2. Prepare a Power point presentation on any one of the following (maximum 10 slides)
- a) Uniform motion
 - b) Uniform velocity
 - c) Differences between distance and displacement
 - d) Non-uniform velocity

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 measure 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 page, Name , Class, Section etc.

Page 2: Index

Page 3: Introduction of the topic- What is the meaning of disaster , types of disasters etc.

Pages 4-10: Topic chosen for the project work, for example Tsunami ,Earthquake, Oil spill, Chemical Explosion etc. Explanation about the chosen disaster, causes for the disaster, effects of the disaster, measures to be taken to mitigate the effects of the disaster etc.

Pages 11 -13: Take one case study and explain briefly.

Page 14: Bibliography

Page 15: Teachers Remarks

Subject : English

1. Bond of Love is a touching story about the beauty of the bond between an animal and human. Focus on the storyline and write the summary with relevant pictures. Also browse for stories on similar lines and rewrite your understanding of the same in 450-500 words.
2. Read the English Newspaper and write the headlines as part of Handwriting Practice.

Subject : Telugu

- "రైతు జీవితం" గూర్చి ఒక వ్యాసాన్ని వ్రాయండి. అలాగే రైతు జీవిత చిత్రమాలికను తయారు చేయండి.

Subject : Hindi

भक्ति काल के किन्हीं तीन हिंदी कवियों के विषय में जानकारी एकत्रित करते हुए एक परियोजना तैयार कीजिए।

Subject : Sanskrit

- Practice the Tables of Shabdarupani as explained in the class.
(akarantha pumlinga, aakaaranta streelinga akaaranta napumsakalinga)
- Write the Sanskrit vocabulary - page numbers 140-145 From Abhasavan Bhava - I