**GREENWOOD PUBLIC SCHOOL, ADITYAPURAM, GWALIOR**

**OUR MOTTO- DEVELOPMENT WITH DELIGHT**

**HOLIDAY ASSIGNMENT - (2018-19)**

**CLASS-IX**

**ENGLISH:** -

Make a scrapbook on **Habib Tanvir’s Charandas Chor**. Include the synopsis and character sketches of any 4 characters (Paste relevant pictures and write famous quotes from the play)

**MATHS:-**

**Prepare a project on any one of the following topics :**

1. Identities (a+b)3, (a-b) 3, a3 - b3 etc.

2. Areas of parallelograms lying on the same base and between the same parallels.

3. Representation of irrational numbers on the number line 4. Square root spiral

5. Area of Trapezium 6. Snowflakes 7. Factorization of Polynomial

8. Theorems on circles 9. Coordinate Geometry 10. To find Centroid /Orthocenter/

circum centre/Incentre of a triangle and their uses in daily life

11. Patterns in numbers 12. Inequality in a triangle 13. Crossword Puzzle

14. Probability 15. Hanoi’s Tower 16. Volume and Surface area of a cylinder/cone sphere

17. Comparison of volume of a cone and cylinder

18. Vedic Maths Any other topic related to class IX syllabus

19. Maths in Piano 20. Maths in Music & Dance 21. Maths in Disaster Management

**SOCIAL SCIENCE:-**

**Prepare a project on Disaster Management not exceeding 15 pages which should include the following heads :-**

Preface, Index, Acknowledgement, Detailed report on the topic under necessary heading (meaning, causes, effects, precautions), Bibliography, Teachers’ Evaluation Sheet

You may take support from various authorities and organizations like Disaster Management Authority, Fire Service, Police, NGOs working for Disaster Management etc.

Any one disaster – Earthquake, Volcanoes, Landslides, Fire, Accident, Flood, Drought, Cyclone.

**Note:-** Learn all the chapters completed in the month of April/May.

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**HOLIDAY ASSIGNMENT - (2018-19)**

**CLASS-X**

**ENGLISH:-** Make a scrapbook on **William Shakespeare’s Julius Ceasar**. Include the synopsis and character sketches of any 4 characters (Paste relevant pictures and write famous quotes from the play)

**MATHEMATICS:- Collect the material and information to prepare a model on any one of the following topics.**

1. Clinometer 2. Mathematics in Medical Science

3. Different types of designs using AP 4. Probability

5. Statistical analysis of the test results 6. Efficiency in packing

7. Theorem on circles 8. Theorem on Similar Triangles

9. Trigonometry in daily life 10. Fibonacci sequence

11. Golden Ratio 12. Heights and Distances

13. Geometry in daily life 14. Geometry and architecture

15. Sextant

**SOCIAL SCIENCE:-**

* Prepare a project file on the topic**:-“Popular Struggles And Movements”**
* File should be handwritten along with coloured pictures.
* **Format of the file :-**
1. Title Page
2. Acknowledgement
3. Preface
4. Content
* **Introduction**
* **Movement for democracy in Nepal**
1. Aim
2. Major Organisations Involved
3. Background
4. Beginning & the course of the movements
5. Results
* **Bolivia’s Water War-A struggle against privatization of water:-**
1. The reasons for the struggle
2. The Methods of struggle
3. Major organization involved
4. Results
* **Democracy & Popular struggles of Nepal & Bolivia:-**
1. Similarities
2. Differences
3. Major elements found in Democracy
* **Role played by the organization in any big struggle:-**
1. Direct
2. Indirect
* **Pressure Groups:-**
1. General Information
2. Sectional interest group
3. Public Interest group
* **Movements groups:-**
1. General information
2. Specific movement
3. General / Generic Movement
4. Loose or Umbrella type of Groups
* **Influence of organizations & Pressure groups on politics**
1. Use of media to gain sympathy & Public support
2. Organise Protest
3. Business Groups
* **Relationship between political parties & pressure groups**
* **Critical assessment of the role of pressure groups.**
* **Conclusion**
* **Bibliography**
* **Teachers Report**

**Note:-** Learn all the chapters completed in the month of April/May.