

Class IX - Holiday Homework (2018-19)

ENGLISH

I. Create and illustrate a weekly journal covering the following points in a scrap book-

(a) Editorial (b) Health & Habits (c) Interests (d) Sports (e) Entertainment (f) Food (g) Travel (h) Human Interests (i) Creative Corner

II. Write 3 descriptive paragraphs in about 150 words in the grammar note books based on –

a) People - My Youth Icon (b) Places – My favourite holiday destination (c) Event – International Yoga Day

III. Write an essay on the following topic – (i) 'Why South Korea is My Favourite Country' in 150-300 words (Typed on an A4 sheet) with these details mentioned – School Name, School Address, Name of the Student, Class, Section and Father's Name.

MATHS

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

1. Identities $(a+b)^3$, $(a-b)^3$, $a^3 - b^3$ 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/In Centre 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

19. Maths in Piano

20. Maths in Music & Dance

21. Maths in Disaster Management

Any other topic related to class IX syllabus

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, and precautions), Bibliography and Teachers' Evaluation Sheet

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

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

SCIENCE

Students can work in pairs on any of the following given topics for making models/projects/one minute activity. Only biodegradable material will be used.

Topics – Food & Technology, Energy, Communication, Universe, Human Welfare, Teaching Aids, Science & Technology, Robotics, Sustainable Development or any topic of your choice.

FOUNDATION OF IT

Create a file in MS Word on types of computer for example: - 1.Embedded computer; 2.Programmable computer; 3.Personal computer; 5.Workstation; 6.Mainframes; 7. Super computer

HOME Sc.

1) Observe and record motor skills in a 3 year old child 2) Record behavioural changes in an adolescent through observation method among the peer group 3) Prepare a collage/chart to show the role of family members.

हिन्दी –

काव्य शस्त्र के न्वरसों का सचित्र वर्णन करें।

संस्कृत

'महाभारत' का संक्षिप्त परिचय देते हुए उसके अध्यायों (पर्वों)का वर्णन कीजिए ।