

ST. MARK'S SR. SEC. PUBLIC SCHOOL, MEERA BAGH
CLASS IX – HOLIDAY HOMEWORK (2019-20)

ENGLISH

1. Photo Story - Click beautiful pictures of Nature, historical monuments / iconic places. Elaborate/Explain the clicked pictures in your own words (250 words each).

2. As a journalist of an eminent newspaper, you have to write an article on any one of the following events. Support your stories with relevant pictures/illustrations.

- *A Filmfare Award Night / The Met Gala
- *Protecting Nature – A story on encroachment of forest land.
- *Street food of Delhi
- *A story on organ donation
- *A historical monument

MATHEMATICS

Make a model on **any one** of the following:

1. Identities $(a + b)^3$, $(a - b)^3$ etc.
2. Area of parallelograms lying on the same base and between the same parallels.
3. Representation of irrational numbers on the number line.
4. Area of Trapezium
5. Snowflakes
6. Theorem on circles
7. Coordinate Geometry
8. To find Centroid or Orthocentre
9. Patterns in numbers
10. Probability
11. Vedic Maths
12. Hanoi's Tower

SCIENCE

Make a working model on **any one** of the following topics. (In pairs and only biodegradable material will be used.)

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

SOCIAL SCIENCE

Prepare a project on Disaster Management not exceeding 10 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, Tsunami

COMPUTER APPLICATIONS

Create a file in MS Word on types of computer for example - 1. Embedded Computer; 2. Programmable Computer; 3. Personal Computer; 4. Workstation; 5. Mainframes; 6. Super computer

HOME SCIENCE

1. Observe and record motor skills in a 3 years 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

रामायण में राम और सुग्रीव की मित्रता का सचित्र वर्णन कीजिए।

संस्कृतम्

संस्कृत भाषायाम् एकाम् कथाम् सचित्रवर्णनम् कुर्वन् लिखत।

(संस्कृत भाषा में एक कथा सचित्रवर्णन करते हुए लिखें)