

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

**ENGLISH**

**Create a Literary Newspaper** (1 cartridge sheet folded twice so that there are 4 sides)

**Page 1:** Describe the following in 500 words each with illustrations.

- (i) Apartheid (ii) Holocaust

**Page 2:** Description of an event (250 words each)

- (i) Lok Sabha Elections (ii) International Mother Earth Day

**Page 3:** Article (150 words each)

- (i) Social Media and Youth (ii) Qualitative Education vs Quantitative Education  
(iii) Coping with stress (iv) Role of youth in making new India

**Page 4:** Story Writing on any one of the following: (250 words each)

**Prompts:**

- (i) You answer the door-bell only to find an intricate envelope on the ground – an invitation.  
(ii) John was up for a big promotion in his company. He had put everything on hold for it, including his love life. But an outsider is hired and .....  
(iii) They didn't mean to, but in an attempt to build a time travelling machine, they discovered an alternate universe, and were accidentally trapped there.  
(iv) Jack and his friends take a boat trip to a tiny, vacant, off-limit island for a night of celebration. When the sun goes down, they realize just how occupied the island actually is and there's a reason it's off-limits.

**MATHEMATICS**

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

- |   |                                   |
|---|-----------------------------------|
| 1. Sets                                     | 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                                 |                                   |

**SCIENCE**

Students can work in pairs **on any** of the following topics for making models/projects/research work. Only biodegradable material will be used.

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

**SOCIAL SCIENCE**

Prepare a project on **any one** topic which should not exceed 15 pages and should include the followings heads:

1. Preface 2. Index 3. Acknowledgement 4. Detailed Report of the topic 5. Bibliography 6. Teacher's Evaluation Sheet

**Political Science – Social Evils**

The project should include – a) Meaning b) Effects on society c) Case study on the topic

**Economics – Consumer Awareness**

The project should include – a) Consumer Rights b) Consumer Duties c) Case study on the topic

**COMPUTER APPLICATIONS**

1. Report file: At least 10 HTML pages, and at least 5 Python programs.  
2. Create a website using several webpages.

**HOME SCIENCE**

1. Make suitable play material for children between 0 – 3 years (work in a pair).  
2. Plan a balanced diet for self.  
3. Prepare a time plan for self for one day.

**हिन्दी**

महाभारत काल में दुर्योधन व कर्ण की मित्रता तथा जीवन चित्र के बारे में सचित्र वर्णन करें |

**संस्कृतम्**

संस्कृतस्य दश ग्रन्थानाम् वर्णनम् कुर्वन् विष्णोः दशावताराणाम् नामानि लिखत तेषाम् च विषये संस्कृत भाषायाम् संक्षिप्ते लिखत |  
(संस्कृत के दस ग्रन्थों का वर्णन करते हुए विष्णु जी के दस अवतारों के नाम लिखो तथा उनके बारे में संस्कृत भाषा में संक्षिप्त में लिखो |