

ST. MARK'S SR. SEC. PUBLIC SCHOOL, JANAKPURI
HOLIDAY HOMEWORK(2018- 2019)
Class- VI

ENGLISH

1. Read any one book of the following authors and prepare a book cover. Change the ending of the story and write it in your own words.
 - Bama Faustina Soosairaj
 - O. Henry
 - R.K.Narayan
 - Charles Dickens
 - Zadie Simth
2. Prepare a list of 'words often confused' (1-20) with meanings and frame two sentences of each.
3. Watch two children's movies from the following list and write a short review on what you liked about it, in terms of your favourite character or scene :
 - a) Gulliver's Travel
 - b) Home Alone
 - c) Jumanji (Part I)
 - d) Charlie and the Chocolate Factory
 - e) Little Women
 - f) Harry Potter and Sorcerer's Stone

INSTRUCTIONS : Maintain a scrap file for your English holiday homework. It is compulsory to write it in your own handwriting. It has to be handwritten, compulsorily.

MATHS

Prepare a Model on any one of the following topics along with the project report :

1. **Polygon Capture** : draw and cut various polygons in different sizes and colours to make your own art piece.
2. **Number Pyramid** : Fill the bricks of pyramid with numbers such that, the top brick would be sum of the two bricks under it.
3. Tic-tac-toe Mathematical Board Game
4. **Sieve of Eratosthenes** : Explore and use it to find the prime numbers less than 100. You will need a grid of numbers from 1 to 100. You may use an old snake and ladder board.
5. **Math Dictionary** : Ever thought of a Math Dictionary of your own? Try making one with terms you can explain the best and put some formulas which you always find it difficult to remember. You may choose pictures and 3D effects to describe them.
6. **Mathematics in Flags** : Design a flag which has different two lines of symmetry, atleast two geometrical shapes, parallel or perpendicular lines. Can you find a way to classify the shapes in your flag?
7. **Tessellations around Us** : A tessellation is any pattern made of repeating shapes that covers a surface completely without overlapping or leaving any gaps. Make a checkerboard, which is a tessellation made of squares. Eg. Chessboard, pavement, floors of shopping malls etc.
8. Make a **Multiplication Calculator Model using Napier's Rod.**

9. **Explore Symmetry** : Many works of art featuring faces or designs in paintings, sculptures and patterns seek to have symmetry in nature and make a model on it.
10. **Paper Polyhedra** : Polyhedra are beautiful 3D geometrical figures. Make model on any one polyhedral.

SCIENCE

1. **Activity 1** : Make a Scientific toy/game/model based on the principle of Magnetism/ Light/ Sound. (Ideas- Magnetic Train, Magnetic Sculptures, Paper Plate magnetic maze, Magnetic Fishing game or any other innovative game)

Write a brief details about the toy/game made on an A4 size sheet/ sheets mentioning the following :

- Name of the Game
- Principle
- Function
- Application/ Usage

2. **Activity 2** : Collect six(6) different types of Fabrics, cut 5 cm x 5 cm of each one and paste these samples in the scrap file along with following information :

- Name of the fabric
- Source
- Steps of production of any two fabrics
- Producers
- Its various product (Paste pictures)

SOCIAL SCIENCE

Make a project report on the four main earliest civilization of the world highlighting the social and economic life of the people, art and architecture and causes of the downfall of the civilization.

Topic	Roll Nos.
The Egyptian Civilization	1 -10
The Mesopotamian Civilization	11 – 20
The Chinese Civilization	21 – 30
The Indus Valley Civilization	31 onwards

हिंदी

- भारत की किन्हीं पाँच महिला स्वतंत्रता सेनानी जिन्होंने अंग्रेजों से आजादी के लिए घोर संघर्ष किया। उनका वर्णन चित्र सहित करें। (स्क्रेप फाइल)
- भारत के प्रमुख ग्रंथ जैसे – रामायण, महाभारत के रचयिता का नाम, रचयिता का वर्णन एवं ग्रंथों का वर्णन चित्र सहित करें। (स्क्रेप फाइल)

संस्कृत

- संस्कृत वर्णमाला को चित्र सहित सुन्दर अक्षरों में लिखो एवं याद करो। (स्क्रेप फाइल)
- दस अकारान्त पुल्लिङ्ग एवं नपुंसकलिङ्ग शब्दों एवं दस क्रिया पदों को चित्र सहित तीन वचनों में लिखो एवं याद करो। (स्क्रेप फाइल)