ST. MARK'S SR. SEC. PUBLIC SCHOOL, JANAKPURI

HOLIDAY HOMEWORK SESSION 2018- 2019

<u>CLASS – IX</u>

<u>ENGLISH</u>

Topic : Travelogue

Prepare a travelogue using a scrapbook.

A travelogue is a person's account of a journey to another country or place. It can either be a written report with many factual details or a narrative story about personal impressions and experience supported by images.

Steps for preparing a travelogue :

1. Decide on the purpose of your travelogue. Whether it is for a magazine, for friends, or for yourself- determine your writing style.
2. While traveling take notes about what you see, places you visit, and people you get acquainted with. Keep a diary of your impression.
3. Collect brochures, tourism maps and guides and paste them in the scrapbook.
4. Take as many pictures as possible. A photograph doesn't necessarily need to capture a historic or famous place. Sometimes, a photo of a crowded street, neon signboard, or an old man, conveys a stronger impression of a place you've visited than the images of monuments. Paste those pitures in your scrapbook.
5. Before you finally sit down to add entries in your scrapbook, arrange the information collected in a sequential order and then commence with the entries.

<u>MATHS</u>

SUBJECT ENRICHMENT ACTIVITY

A. Perform a working model on any one of the following topics :
1. Identities
   a) $(a + b + c)^2$
   b) $(a + b)^3$
   c) $(a - b)^3$
   d) $a^3 - b^3$
   e) $a^3 + b^3$
2. Area of trapezium
3. Square roots spiral
4. Coordinate geometry
5. Volume and surface area of cylinder, cone, sphere
6. Theorems on circles
7. 9 x 9 Sudoku
8. Area of parallelograms on the same base & between the same parallels

B. **Perform the following activities through paper cutting, folding and pasting : (Lab Activities)**
   1. Verify that if two lines intersect each other, then vertically opposite angles so formed are equal.
   2. Verify Angle Sum Property of a triangle.
   3. Verify that exterior angle of a triangle is equal to the sum of two interior opposite angles.
   4. Verify Angle Sum Property of a quadrilateral.
   5. Verify that the diagonal of a parallelogram divides it into two congruent triangles.

SCIENCE

1. Make a working Model on any one topic given below :
   - Energy
   - Transport and Communication
   - Agriculture
   - Science and Technology
   - Robotics
   - Health and Technology
   - Science and Community Development

Students should make the model in summer vacations along with a Project Report (File). The project report should include :

- Topic
- Material Used
- Working
- Application

SOCIAL STUDIES

SUBJECT ENRICHMENT ACTIVITY

History : Make a project on the Contribution of Women and the intelligentsia of France as French Revolution.

Geography : Project on Natural and Manmade disaster covering three natural and three manmade disaster.

<u>हिंदी</u>

विषय संवर्धन

नोट – कक्षा उत्तरपुस्तिका में कार्य करें।

- ➢ किसी भी बिस्कुट के लिए आकर्षक विज्ञापन तैसार करें। (विज्ञापन को आकर्षक बनानें के लिए केवल पेंसिल कलर्स का ही उपयोग करें)
- ➢ किसी भी कलाई घड़ी का आकर्षक विज्ञापन तैयार करें। (केवल पेंसिल कलर्स का ही उपयोग करें)
- ➢ अनुच्छेद लेखन – मुख्य विषय में अन्य तीन बिन्दुओं को सम्मिलित करते हुए अनुच्छेद लिखे –
  प्रकृति से खिलवाड़ न करें
  - मनुष्य प्रकृति का प्रेमी है
  - बढ़ता प्रदूषण प्रकृति का दुश्मन
  - प्रकृति की रक्षा मानव की सुरक्षा