

**MT. COLUMBUS SCHOOL**  
**Dakshinpuri, New Delhi – 62**

**HOLIDAY HOMEWORK (SUMMER VACATION)**

**SESSION: 2017-18**

**CLASS- VIII**

**Prepare an integrated project of different subjects on the topic given below.**

**ENGLISH**

1. Read mystery book according to the following roll nos. and create a web chart to illustrate the main events of each chapter on an A4 size colorful sheets.

- 1-5 Green Glass House
- 6-10 Three Times Lucky
- 11-15 Book Scavenger
- 16-20 Under The Egg
- 21-25 Doll Bones
- 26-32 The Case Of Left Handed Lady

2. Prepare a presentation on an A4 size sheet highlighting the issues related to the generation gap. Include the following topics-

- Meaning of generation gap.
- How generation feels lack of understanding among them?
- Younger generation feels parents are old and outdated.
- Parents do not understand that their children are independent individuals.
- Possible solutions.

3. Create a newspaper using cartridge sheet containing 4-5 pages. Include the following-

- National News
- Local News
- International News
- Editorial Page
- Sports News

**HINDI**

**PROJECT**

1. अपनी किसी यात्रा का वर्णन करते हुए स्पष्ट करें कि उस स्थान की संस्कृति, सभ्यता व जीवन शैली आपकी संस्कृति, सभ्यता व जीवन शैली से किस प्रकार भिन्न है ?

**ASSIGNMENT**

1. पं० नेहरू द्वारा रचित 'भारत एक खोज' पुस्तक के प्रथम चार अध्यायों के आधार पर भारतीय सभ्यता

- और संस्कृति के संबंध में जानकारी एकत्रित करते हुए 200 शब्दों में लेख लिखें।  
2. हिंदी वर्णमाला के सभी स्पर्श व्यंजनों के उच्चारण स्थान की तालिका तैयार करें।

( संपूर्ण कार्य ए-4 साइज शीट पर करें )

## SANSKRIT

### PROJECT

1. दैनिक प्रयोग में लाई जाने वाली 20 वस्तुओं के नाम लिखें।

### ASSIGNMENT

1. चतुर्थ पाठ 'सदेव पुरतो निधेहि चरणं' में लोट् लकार और विधिलिङ् लकार के शब्दों को चुनकर लिखें।  
2. वृद्धि सन्धि और अयादि सन्धि की परिभाषा देते हुए पाँच-पाँच उदाहरण दें।

( संपूर्ण कार्य ए-4 साइज शीट पर करें )

## MATHS

### PROJECT

Make a (3-D) model of a Bar Graph using materials of your choice like thermocol, cardboard, straws, sticks etc. Represent your marks in previous class (as data) on the bar graph.

### ASSIGNMENT

1. Find out the DOB (Date Of Birth) of any 4 of your family members and check their divisibility by 2, 3, 5, 9, 10. (Do on A4 size sheet).

### WORKSHEET (Do on A4 size sheet)

1. Find :

a) 5 Rational Numbers between  $\frac{1}{5}$  and  $\frac{1}{4}$ .

b) 10 Rational Numbers between  $\frac{-5}{6}$  and  $\frac{-2}{5}$ .

c) 6 Rational Numbers between  $\frac{-7}{2}$  and -2.

2. Represent the following on a number line.

a)  $\frac{-7}{11}$

b)  $4\frac{2}{3}$

c)  $\frac{5}{9}$

d)  $-2\frac{4}{6}$

3. Find the unknown values using Euler's formula.

|   | FACES | VERTICES | EDGES |
|---|-------|----------|-------|
| A | 6     |          | 12    |

|   |   |    |    |
|---|---|----|----|
| B | 7 | 10 |    |
| C |   | 4  | 6  |
| D | 7 |    | 12 |
| E |   | 6  | 9  |

4. The monthly sale of computers by a shopkeeper is shown below:

| Months                  | July | August | September | October | November |
|-------------------------|------|--------|-----------|---------|----------|
| Number of Computer sold | 12   | 18     | 28        | 42      | 44       |

Represent the information in a pie chart.

## SCIENCE

### PROJECT

Q.1 Complete the following experiments in science practical file:

- i. To show the effect of heat on thermoplastics.
- ii. To study the physical properties of coal.

### ASSIGNMENT

Q.1. Complete the following on A4 size sheet.

- i. Discuss some safety measures that are to be taken in handling pesticide and weedicides.
- ii. Collect the pictures of traditional methods and modern methods of irrigation commonly used in India. Differentiate between both the methods.
- iii. Draw a neat, labeled diagram of nitrogen cycle in nature. State two ways in which nitrogen gas of the atmosphere can be fixed in nature to get nitrogen compounds in the soil.
- iv. Collect some images of artificial satellites and gather the information about the major task performed by them.
- v. Explain how the position of sirius star can be located in the sky with the help of Orion constellation.
- vi. X is a group of stars which is visible during the summer season in early part of the night. It can be seen clearly in the month of April in the northern part of the sky. It resembles a bowl with a handle.
  - a. What is the general name of the constellation X?
  - b. How many bright stars are usually observed in X?
  - c. Which famous star can be located in the sky with the help of X?
- vii. After consuming a dish, a person complaint of nausea, vomiting, diarrhoea and pain in the abdomen.

- a. What type of disease is he suffering from?
  - b. What are the common symptoms of this disease?
  - c. State some tips to avoid it.
- viii. What do you understand by transplantation? Discuss any three advantages of transplantation.
- ix. Collect two pictures from each group of microorganisms and write about the characteristic features of each group.
- x. What is meant by food preservation? Describe any five methods of preserving food and also paste pictures.

Q.2 Make a model on any one of the following topics:

- ❖ Satellite and telecommunication
- ❖ New inventions in agriculture
- ❖ Waste management
- ❖ Pollution
- ❖ Artificial balloon lungs and balloon cars

## SOCIAL SCIENCE

### PROJECT

Let's have some fun in Civics. Your Holiday Home work this year is a little different from the usual work of making files etc. It provides each one of you an opportunity to display your research skills. Section A will highlight the different features of 'The Indian Constitution'.

General Instructions:

1. The whole class will be divided into 5 groups.
2. Each group will make a power point presentation on the topic allotted to them.
3. Maximum number of slides is 10.
4. Colour, Font, Text, should be appropriately used. Animations, videos and pictures could also be used.

Reference: Civics Chapter -1 The Indian Constitution.

Besides this, use information from other sources too. (Internet, encyclopedia, books from school library, etc.)

### Section A

Group One- Roll No 1 to 6

Making of the constitution-(Who made our constitution, composition of constituent assembly, key personalities, how was it made, when did it come into effect)

Group two-Roll No7 to 12

Federalism-(its meaning, why was it adopted, division of power between different levels of government, which government has more power and why?)

Group three- Roll no 13 to 18

Parliamentary form of government-(definition, importance, how is the government formed in this system, how is it different from the presidential form of government.)

Group Four- Roll No 19 to 24

Separation of powers-(three organs of the government, their functions, necessity and importance of separation of powers)

Group Five – Roll No 25 to 35

Fundamental Rights-(meaning, various Fundamental Rights with examples, and their importance for citizens)

**ASSIGNMENT- 1** (Do on A4 size sheet)

Q1. Multiple choice questions:

a. The first factory was setup on the banks of river Hugli in \_\_\_\_\_

1. 1651
2. 1700
3. 1600

b. After the death of Alivardi Khan, who became the Nawab of Bengal

1. Murshid Quli Khan
2. Sirajuddaulah
3. Mir Jafer

c. The Portuguese had established their presence in the Western coast of India and had their base in \_\_\_\_\_

1. Goa
2. Bombay
3. Gujarat

d. Which battle is famous because it was the first major victory the Company had in India?

1. The Battle of Plassey
2. The Battle of Buxar
3. The Battle of Seringapatnam

e. One of the major reason for the defeat of the Nawab of Bengal, Sirajuddaulah , in the Battle of Plassey is \_\_\_\_\_

1. Nawab Sirajuddaulah was a weak ruler.
2. Nawab Sirajuddaulah was not having enough wealth.
3. Mir Jafer, one of Sirajuddaulah's commanders, never fought the Battle

Q2. Fill in the blanks:

1. In 1765, the Mughal emperor appointed the Company as the Diwan of the provinces of \_\_\_\_\_
2. Aurangzeb died in the year \_\_\_\_\_.
3. The Battle of \_\_\_\_\_ was fought in the year 1757.
4. Through Charter of \_\_\_\_\_ (year), the English east India Company was formed.

Q3. Map work:

A. East India Company got the Diwani rights of which 3 states and in which year? Locate them on map of India.

B. Name the three cities in which the East India company built its factories.

**ASSIGNMENT-2** (On A4 size sheet)

You have read that most elected members whether in the Panchayat, Or the Vidhan Sabha or the Parliament are elected for a fixed period of five years. Why do we have a system where the representatives are elected for a fixed period and not for life.

### ART AND CRAFT

#### **PROJECT**

To prepare a giraffe, following materials are needed:  
Plastic bottles, acrylic colours, pastel sheets etc.



OR

To make a show piece, following materials are needed:  
Old newspaper, fevicol, cardboard.



### COMPUTER

#### **PROJECT**

Make a project using MS-Word on the given topics and submit the printout in the project file.

Roll no. 1-10 Newsletter (Front page of newspaper in column style)

Roll no. 11-20 Advertisement (Any electronic item)

Roll no. 21-30 Posters (Save environment, Clean & Green Delhi, save water, Say not to plastic bag)

Roll no. 31 onwards Bio-Data

#### **Guidelines for Holiday Homework**

- ❖ Holiday homework to be done as per instructions given in each subject.
- ❖ Work should be neat & presentable.
- ❖ Last date of submission is 7<sup>th</sup> July, 2018.
- ❖ Holiday Homework should be done under parental guidance & not by parents.
- ❖ A well presented 'Holiday Homework' fetches you marks & appreciation from your teachers & classmates.
- ❖ Marking will be done in each subject. The marks for the same will be added in U.T- II (Activity) / Subject Enrichment (VI - X).
- ❖ It is compulsory for all the students to complete their Holiday Homework.