

# MT. COLUMBUS SCHOOL

Dakshinpuri, New Delhi – 62

## HOLIDAY HOMEWORK (SUMMER VACATION)

SESSION: 2018-19

**CLASS- VII**

**ENGLISH**

### PROJECT

Q1. Read the book 'The Adventure of Huckleberry Finn' and prepare the book review on A4 size sheets covering the suggested sub-headlines.

- About the Author
- Theme of the book
- Characters liked or disliked
- Critical review

### ASSIGNMENT

Q2. Imagine you are the writer of the poem 'The Geography Lesson'. Write a letter to your mother telling her about the incident. You may include the following points:

- What had happened to the teacher?
- What did the teacher want to do?
- What lesson have you learned from your teacher?
- Your feelings about your teacher.

Q3. You recently had a quarrel with your brother/ sister. After few days you realized that it was your mistake. 'Prepare a forgiveness card' seeking forgiveness of your brother/ sister. (Assignments to be done on A4 size sheets)

**HINDI**

### PROJECT

- हिंदी भाषा के समाचार-पत्र से 5 दिन तक कोई एक लेख काटें और उनमें व्यक्त बात पर अपने मित्र से चर्चा करते हुए संवाद लिखिए।
- नीचे दिए गए चित्र को देखकर एक कहानी लिखें-



### ASSIGNMENT

- निम्नलिखित विषय पर एक वेबचार्ट तैयार करें-

- (क) शब्द निर्माण (अनुक्रमांक-1 से 10)  
 (ख) वाक्य (अनुक्रमांक-11 से 20)  
 (ग) विकारी शब्द (अनुक्रमांक-21 से 31)  
 (घ) अविकारी शब्द (अनुक्रमांक-31 से 40),  
 जैसे-



(टिप्पणी-सम्पूर्ण कार्य ए-फॉर साइज़ शीट पर किया जाएगा)

## SANSKRIT

### PROJECT

- पाठ छः में प्रदत्त प्रथम तीन श्लोक के प्रत्येक शब्द के विभक्ति और वचन लिखें।

### ASSIGNMENT

- लट् लकार को 'स्म' के प्रयोग से लङ् लकार में बदलकर दस वाक्य बनाएँ।
- उपपद विभक्ति का प्रयोग करते हुए दस वाक्य बनाएँ।  
 (टिप्पणी-सम्पूर्ण कार्य ए-फॉर साइज़ शीट पर किया जाएगा)

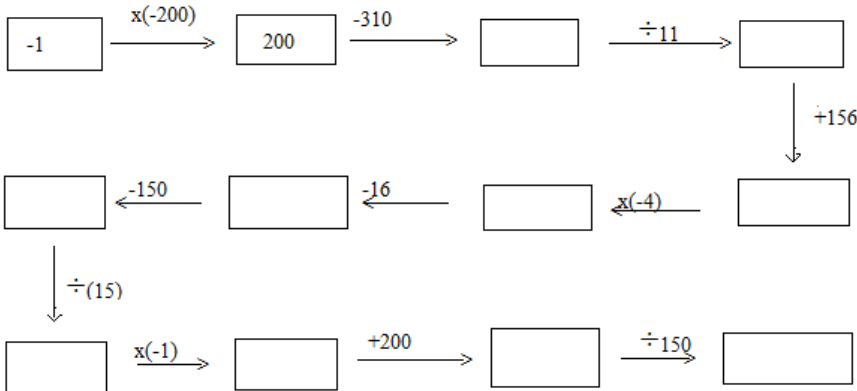
## MATH

### PROJECT

Collect symmetrical design you come across and paste them in your practical file. You can make your own symmetrical paper designs as well.

### ASSIGNMENT

Q.1. Complete the following number snake with the help of operation involved:



Q.2 Record the height (in cm) of twenty persons from your neighbourhood. Organize the data in ascending order and answer the following questions.

- a) Who is the tallest of all?
  - b) Who is the shortest of all?
  - c) How many persons are taller than you?
- (Do all the assignments on A4 size sheets)

## SCIENCE

### PROJECT

Q.1 Complete the following practical in your practical files:

- To study the conditions necessary for rusting.
- To study the effect of exhaled air on lime water.

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

- A 3 D model on Respiratory System.
- On electricity(e.g. potato battery/lemon battery/water tank buzzer)

### ASSIGNMENT

Q.1 Visit a doctor and find out the names of all the medicines that he prescribes for acidity.

Write the names of all the medicines and note down the salt present in them. Are the medicines containing any common salt?

How these medicines give us relief from acidity? Explain.

Q.2 Read the following paragraph and the questions given.

### **Scientists create plastic-eating enzyme, could help in fighting pollution**

The enzyme is able to digest polyethylene terephthalate, or PET - a form of plastic patented in the 1940s and now used in millions of tons of plastic bottles. PET plastics can persist for hundreds of years in the environment and currently pollute large areas of land and sea worldwide.



Scientists in Britain and the United States say they have engineered a plastic-eating enzyme that could in future help in the fight against pollution. The enzyme is able to digest polyethylene terephthalate, or PET - a form of plastic patented in the 1940s and now used in millions of tons of plastic bottles. PET plastics can persist for hundreds of years in the environment and currently pollute large areas of land and sea worldwide. Researchers from Britain's University of Portsmouth and the US Department of Energy's

National Renewable Energy Laboratory made the discovery while examining the structure of a natural enzyme thought to have evolved in a waste recycling centre in Japan. Finding that this enzyme was helping bacteria to break down, or digest, PET plastic, the researchers decided to “tweak” its structure by adding some amino acids, said John McGeehan, a professor at Portsmouth who co-led the work. This led to a serendipitous change in the enzyme’s actions - allowing its plastic-eating abilities to work faster. “We’ve made an improved version of the enzyme better than the natural one already,” “That’s really exciting because that means that there’s potential to optimize the enzyme even further. Scientist is now working on improving the enzyme further to see if they can make it capable of breaking down PET plastics on an industrial scale. “Enzymes are non-toxic, biodegradable and can be produced in large amounts by microorganisms,” There is strong potential to use enzyme technology to help with society’s growing waste problem by breaking down some of the most commonly used plastics.

**Answer the following questions.**

- a. What is PET? How is the use of PET becoming an environmental hazard?
- b. What are enzymes?
- d. Which enzyme is being talked in the above paragraph?
- e. How the use of this enzyme a boon in the years to come?

**(Assignments to be done on A4 size sheets)**

## SOCIAL SCIENCE

### PROJECT

Make a complete Project on Disaster Management. The project should include

- a. Meaning of Disaster Management.
- b. Types of Disasters.
- c. Precautions you need to take in such situation.
- d. Name different Earthquake belts of the world.
- e. Conclusion

### ASSIGNMENT

Q.1 The Hindi Movie ‘Lagan’ features a cricket match between the British and the people of a village in India. Watch the movie or read the given passage in your book (chapter-2, Civics) and give the answer of the following questions-

- i) Was the villagers’ attitude towards Kachra democratic?
- ii) Discuss how caste Prejudices in our society defeat the goal of democracy.

Q.2 Imagine yourself as a guide of any of these places- Fatehpur Sikri/ Delhi/ Lucknow /Agra. Give proper information about the different monuments built at that place. Paste relevant pictures as well.

**(Assignments to be done on A4 size sheets)**

## ART AND CRAFT

### PROJECT

To make a beautiful wall hanging following materials are required:  
Plastic bottle, wire, decorative items, poster colour.



OR

Make two beautiful dolls with the help of paper cups, net, beads, googly eyes and fevicol.



## COMPUTER

### PROJECT

Make a PowerPoint presentation on the given topics and submit the printout in the project file.

Roll no. 1-10 Types of computer

Roll no. 11-20 Application of computer

Roll no. 21-30 Famous personalities in the field of computer

Roll no. 31 onwards Input-Process-Output-Memory devices

### 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.