ST. JOSEPH'S SCHOOL, MAHARAJGANJ

SESSION 2024-25

HOLIDAY HOMEWORK-CLASS 10

INTRODUCTION

Holiday Homework is an attempt to enhance children's imagination. Doing it in the right spirit with enthusiasm will make it a great learning experience.

Dear Parents,

There is no doubt that vacations are the most appropriate time for the students to refresh and rejuvenate themselves to showcase their performance more enthusiastically. Children have ample energy which needs to be channelized in the right direction to get the best out of them. Keeping this in mind the holiday homework has been designed to make them more observant and confident.

Let's share some tips to make this period a fruitful and happy period for them.

HINDI

१-रचना के आधार पर वाक्य भेदो की परिभाषा एवं चार-चार उदाहरण लिखिए।

२-ग्रीष्मावकाश में किए गए अपने यात्रा का वर्णन 200 शब्दों में कीजिए ।

३-नेताजी का चश्मा कहानी के आधार परअपने नगर में लगाए जाने वालेविभिन्न महापुरुषों के प्रतिमाओं के बारे मेंजानकारी एकत्र कर 200 शब्दों में लेख लिखिए।

४-माता का आंचल कहानी मे प्रयुक्त होने वाले मुहावरों एवं सकर्मक क्रिया को क्रमबद्ध रूप से लिखिए।

SOCIAL STUDIES

1- Submit a project on ECONOMICS which will be based on

   "CHAPTER: 5- **CONSUMER RIGHTS"**

2- Make an assignment topic resources and development with the help of map, circle,

data etc.

3- Learn questions of these chapters

a- Nationalism in India

b- Water Resources

c- Sectors of Indian Economy

d- Federalism

e- In the map of India fill following topics.

   Champaran, Kheda, Dandi, Nagpur, Chauri chaura, Kolkata, Chennai.

ENGLISH

On the basis of reading the chapter Nelson Mandela: Long walk to freedom(First Flight)

, Answer the following questions in 250 words

1. Write summary of the lesson

2. Biography of Nelson Mandela

3. Contribution of Nelson Mandela to south Africa

BIOLOGY

1. Write the experiment 1 (Object, Requirements, procedure observation, result and precautions) in lab manual copy.

2. Draw the diagram of heart& double circulation flow on chart paper .

3. To write 20questions of assertion and reason & 30 questions of MCQ of chapter 1 (life processes) in thin summer vacation homework copy.

MATHEMATICS

Ques1. Draw the mind map of polynomial real numbers and decorate the chart paper.

Ques2. Prepare and learn square root and cube root up to 25 and write five times.

Ques3. State the fundamental theorem of arithmetic.

Ques4. Prove by contraction method that two distinct lines in a plane cannot intersect in more than one point.

Ques5. Solve 10 different types of examples related to concept:-

HCF (A,B) LCM(A,B) = A×B

Ques6. Solve the following from the Aasoka book.........

- Exercise 1A, 1B and do objective type questions from page number 1/13.

- Solve the self assessment test from chapter number 1.

- Exercise 2A, 2B and do objective type questions from page number 2/18.

- Solve self assessment test from chapter number 2

- Solve all the given exercise in chapter 1 and 2 from NCERT and also solve the

  examples along with exercise number 1 from the third chapter by using graph.

Ques7. Prepare and define the following terms:-

- ★ Numbers and its classifications

- ★ Polynomials and its type on the basis of degree and terms.

- ★ Geometrical meaning of zeros of a polynomial.

- ★ Relationship in between zeroes and coefficients in quadratic and cubic

  polynomials.

Ques8. By using chart paper decorate by using colours and write the detailed biography
and research of Ramanujan or Aryabhatt.

PHYSICS

1 , Write the name of ten physicist, paste his/her photos and write their work in

field of science.

2. Write a short note on ISRO.

3. On A4 sheet paper draw images formed by concave mirror and convex

mirror for different positions of object.

4. Complete science lab manual.

CHEMISTRY

1. Write down experiment 1 and 2 from lab manual in practical notebook.

2. Prepare a chart of periodic table

OR

The list of 10 natural indicators of acid and base and their effect

3. Sold the NCERT exercise of chapter 1

4. Prepare a model of 3D tetrahedral structure of carbon

OR

Electrolysis of water

IT

1. Prepare a chart, which include all the input devices and output devices