X SUMMER HOLIDAY HOMEWORK

ENGLISH

1. Write a book review about an interesting book that you have read in summer vacation in 125-150 words.

2. Write a report about a temple visit you have made during the summer vacation in 150 words.

3. What do you want to be in future and say why do you want to do it?

4. Write a pen picture about your street men and matters in 125 words under the title " Funny men of our streets" in 150 worse.

Write the following exercises from   lesson1 1

संस्कृत

1.शुचि पर्यावरणम्

2.सन्भि,एक पदं

3.पर्याय पदं

4.विलेम पदानि

SOCIAL

1. Find out more about nationalist symbols in countries outside Europe. For one or two countries, collect examples of pictures, posters or music that are symbols of nationalism. How are these different from European examples?
2. Make a project showing consumption and conservation of resources in your locality.
3. Imagine if oil supplies get exhausted, how will this affect our life style?

हिन्दी

1. सुरदास द्वारा रचित भ्रमर गीत में से अपने प्रिय अपठित पद्यांश को लिखिए।

2. सुरदास जी के जीवन शैली पर एक निबंध लिखिए।

SCIENCE

Write the portfolio for the lesson mentioned below for the month of April and May.

1. Chemical reactions and equation

2. Life processes

3. Light: reflections and refraction

MATHS

ANSWER THE FOLLOWING

1. Find the HCF by Euclid's division algorithm of numbers 92690, 7378, and 7161.

2. If HCF of 144 and 180 is expressed in the form 13m − 3, find the value of m.

3. Find the HCF of 1656 and 4025 by Euclid's division algorithm.

4. Find the greatest number of six digits exactly divisible by 18, 24 and 36.

5. For any positive integer n, prove that $n^3 - n$ is divisible by 6.

6. Prove that the product of any three consecutive integers is divisible by 6.

7. Find the value of : $(-1)^n + (-1)^{2n} + (-1)^{2n+1} + (-1)^{4n+2}$, where n is any positive odd integer.

8. Find the HCF of 378, 180 and 420 by prime factorization method. Is HCF x LCM of three numbers is equal to the product of the three numbers?

9. Find HCF of 81 and 237 and express it as a linear combination of 81 and 237 i. e HCF (81 , 237) = 81x +237y for some x and y

10. State fundamental theorem of Arithmetic. Is it possible that HCF and LCM of two numbers be 24 and 540 respectively? Justify your answer.