LEELAWATI PUBLIC SCHOOL
HOLIDAY HOME WORK
class 8

SCIENCE

1. Make the tables on page 41, 54, 55, 60 and learn it.
2. Draw a chart of nitrogen cycle and expain.
3. Write 5 - 10 pages on topics:
Pollution,good and harmful bacteria ,Synthetic fibres and Methods of crop production
4. Do short answer questions (type 2) And long questions of chapter 1- 5 in holiday homework copy and learn it.

MATHEMATICS

Answer the following questions:

1. The identity of addition is....
2. The identity for multiplication is ....
3. $\frac{1}{0}$ is a rational number yes or no.
4. 45+(-56) = ...+45
5. Write the reciprocal of the following numbers
   (i) 35   (ii) -10   (iii) 0   (iv) 1
6. Find the square root of the following numbers by both methods i.e. (i) prime factorisation method (ii) division method
   (i) 256   (ii) 3873   (iii) 1764   (iv) 588289
7. Find the smallest number by which 1800 must be multiplied so that it becomes a perfect square. Also find the square root of the perfect square so obtained.
8. Simplify:
$$(\sqrt{81}+\sqrt{0.81}+\sqrt{0.0081})\times\sqrt{10000}$$
9. 1225 plants are to be planted in a garden in such a way that each row contains as many plants as the number of rows. Find the number of rows and the number of plants in each row.
10. A school collected Rs 2304 as fees from its students. If each student paid as many paise as there were students in the school, how many students were there in the school?
11. Evaluate:

    (i) 4^{-3} (ii) $(1/2)^{-5}$ (iii) $(4/3)^{-3}$ (iv) $(-3)^{-4}$ (v) $(-2/3)^{-5}$

12. Evaluate:

    (i) $(5/9)^{-2} \times (3/5)^{-3} \times (3/5)^{0}$ (ii) $(-3/5)^{-4} \times (-2/5)^{2}$ (iii) $(-2/3)^{-3} \times (-2/3)^{-2}$

13. Evaluate:

    (i) $\{(-2/3)^2\}^{-2}$ (ii) $[\{(-1/3)^2\}^{-2}]^{-1}$ (iii) $\{(3/2)^{-2}\}^2$

14. . Find the value of x for which $(5/3)^{-4} \times (5/3)^{-5} = (5/3)^{3x}$
15. Find the value of x for which $(4/9)^4 \times (4/9)^{-7} = (4/9)^{2x-1}$
16. If $5^{2x+1} \div 25 = 125$, find the value of x.

Note- Also Solve all exercises of chapter -1,2,3 in your copies keep practising them.

Activity-1: Take 5 sheets and cut squares from them, then make the following shapes by cutting that square shaped paper.

i) square   (ii) rectangle   (iii) parallelogram (iv) rhombus (v) trapezium

Activity 2: Take 5 sheets and cut the shaped mentioned below then determine the number of lines of symmetry of following shapes by folding that shapes of paper.

(a) equilateral triangle   (b) isosceles triangle   (c) square   (d) rectangle   s(e) rhombus

ENGLISH

ACTIVITY: (To Be Done on Punch Sheets)

1. Write a paragraph on ' Health is Wealth'

2 Select three Indian and three foreign writers from your Textbook and write the details with pictures under these heads- NAME, DATE OF BIRTH, DATE OF DEATH, NOBLE WORK and WRITING STYLE.

3.BOOK WORK: (To Be Done In The Grammar Notebook)

Lesson-1 "Sentences"- (Do all the exercise in your classwork copy)

Comprehension: page no. 154 (fire) solve

4.THINGS TO LEARN: (To Be Learnt From The Notebook)

Lesson-1: Apologies

Lesson-2 : Jamaican Fragment

Lesson-1: if (poem)

5. Read the following conversation between Rakesh and Mrs Sarkar. Write the message in not more than 50 words. (to be done on punch sheet)

Rakesh : Hello, may I speak with Dr. Sarkar?

Mrs Sarkar : He has gone to the hospital to attend the OPD. May I know who is speaking?

Rakesh : Yes. I am Rakesh Sood. My wife has been having a severe headache since yesterday. Since this morning she has also developed a high temperature. I would be very grateful if the doctor could come over to our place to examine her.

Mrs Sarkar : Of course. Please let me note down your address. Rakesh : It is B-49, New Colony.

Mrs Sarkar : I will give him your message as soon as he returns. Rakesh

: Thank you. Mrs Sarkar had to leave for the school where she teaches.

So she wrote a message for her husband.

NOTICE WRITING

(to be done on punch sheet)

6. A tree plantation programme is going to be organized by your school on 19th July. The students with plant trees in a nearby barren land and the saplings will be provided by the school. The programme will start at 10 a.m. Write a notice to inform the students about it. Suppose you are the head boy of your school.

7. Learn poem (if) summary from your classwork copy and write it down in colorful sheets ?

SOCIAL STUDIES

Note: Holiday Homework in separate colorful sheets :-

Q1. Name the following:

(a) A history of British India was written by.

(b) The first governor general of India was

(C) The national archives of India came up in the

(d) The governor general who was impeached

(e) The Nawab of Bengal after Alivardi Khan was

(f) The substance becomes a resource if it has

(g) Coal and petroleum are examples of

(h) The percentage of fresh water on earth is

(i) It takes hundreds of years to make just of soil.

(j) he three organs of the state are the

(k) The ruler of England in 1600

(l) Name one multipurpose dam in north India

(j) Name one multipurpose dam in south India

Q.2 Design a poster on the theme of Reduce , reuse , recycle for your class

Q.3 With a help of a map , mark the following on separate map of India

1. 5 wild life sanctuaries

2. 5 national park

3. 5 multi purpose projects

4. Types of soil found all over the India

Q.4 Learn Whole chapter question answer and exercise as well for

Chapter – 1 Resources

Chapter – 2 Natural resources

Q.5 Distinguish between the following:
i. Natural and human made resources.
ii. Biotic and abiotic resources.
iii. Potential and developed resources.
iv. Ubiquitous and localized resources.

Sanskrit

Ch1 to Ch3 complete work, Hindi and question/answer learn

निबंध मम् मित्रं,मम् दिनचर्या, पत्र शब्द रूप कवि और पिता।

धातु रूप अस् और पृच्छ तीनों कालों में, महीनों के नाम, 1से 70तक संस्कृत में गिनती लिखो और याद करो। रंगो, फूलों, दिनों के नाम, पर्यायवाची शब्द, विलोम शब्द संस्कृत में लिखो व याद करो।

Art

draw and colour page 5to page l6 design in circle and colour it.

Hindi 1st

Ch1 to Ch3 word meaning ,book work and question/answer learn

Hindi 2nd

Learn and write Ch1and ch2 all book work and question/answer

विलोम शब्द- अंतरंग से चिन्तित, पर्यायवाची अंग से जन्म तक,अनेकार्थीशब्द, अंक से जङ तक,श्रुतिसम भिन्नार्थक शब्द अंत से आसन्न तक

निबंध - परोपकार सबसे बड़ा उपकार। समय का महत्व।

पत्र - गर्मियों की छुट्टियों में शिमला बुलाने के लिए शिमला के मित्र द्वारा दिल्ली के मित्र को निमंत्रण पत्र लिखो व याद करो।

अनुच्छेद- नया सवेरा नयी सोच। मित्र एक अनमोल रत्न लिखो व याद करो। अपठित गंद्याश और काव्यांश

Computer

Learn ch 1 and 2 and find book work of ch 3and 4