

## Sprawling Buds ICSE School, Jammu

(Affiliated to Council for the Indian School Certificate Examination , New Delhi .  
School Code JK 001)

### HOLIDAY HOME WORK

### CLASS III

S.No.	Subject	Holiday Homework
1	General Science/EVS	<ol style="list-style-type: none"><li>1. Prepare one scrap book on the topic plants in which you have to mention the different types of plants, their uses with the process of photosynthesis and different parts of plants.</li><li>2. Make one chart in which classify living and non- living things by pasting pictures.</li><li>3. Make a chart on any one topic- a) Circulatory System b) Respiratory System c) Digestive System.</li></ol>
2	Social Studies	<ol style="list-style-type: none"><li>1. Visit one historical place, paste the pictures and write down 5 lines about it. Or Request your parents to take you to a museum( if there is one in your city).See the lifestyle of people in earlier times and compare it to the present ( Write only 2 differences)</li><li>2. Do a comparative study ( Only paste pictures) of different dresses worn by people in the past and the present.</li></ol>
3	General Knowledge	<ol style="list-style-type: none"><li>1. Write the names of all states , Union Territories and their capitals.</li><li>2. Paste pictures of the national birds of different countries of the world in A-4 Size Sheet</li></ol>
4	Hindi	<ol style="list-style-type: none"><li>1. "Jaal Amulya Hey"Jaal kaa Durupyog Kaise Roke?</li><li>2. Rituoh ka Gyan ( Pasandida Ritu ka Varnan Chitra Banakar Ek Nibandh Prastut Kare.</li><li>3. Vanya Jeevoh ka Adhyan( Chitra Dwara) Unki Visheshta va boliyo ka varnan Kare</li><li>4. Vyakaran -Kahani Lekhan - Anaekta meh Ekta</li></ol>
		Buy a Scrap Book and do the following :- <ol style="list-style-type: none"><li>1. On the first page stick your picture and write 5 sentences about yourself. Put the heading as 'Myself'. For eg: <u>MYSELF</u> i) My name is _____ ii) I am _____ years old.</li></ol>

5	English	<p>2. Collect 3 pictures each of the fruits and vegetables you like to eat. Also collect 3 pictures of vegetables and fruits that you don't like to eat. Make 2 columns and write 3 sentences each. For eg:</p> <table border="1" data-bbox="643 407 1386 489"> <tr> <td data-bbox="643 407 987 449">1.I like to eat mango</td> <td data-bbox="987 407 1386 449">1.I donot like to eat brinjal</td> </tr> <tr> <td data-bbox="643 449 987 489">2.</td> <td data-bbox="987 449 1386 489">2.</td> </tr> </table> <p>2. Collect 5 pictures of your visit to any place in the vacations and write one sentence for each picture.</p> <p>3. Draw a picture of any cartoon character you like which makes you laugh. Write a line about the character and why you like the character.</p>	1.I like to eat mango	1.I donot like to eat brinjal	2.	2.
1.I like to eat mango	1.I donot like to eat brinjal					
2.	2.					
6	Maths	<p>1. Learn tables from 2 to 20</p> <p>2. Write number names from : 100 to 500 in a notebook.</p> <p>3. Collect 10 vehicle numbers ( 4 digit ), write them in a scrap book and</p> <p>a) Arrange them in ascending and descending order.</p> <p>b) Form greatest and smallest numbers.</p> <p>Also write the make of the vehicles.</p>				

**Instructions to the Parents:**

- Originality and creativity of the work will be appreciated.
- Kindly ensure that the completion of homework on time and tell your ward to practise for writing work which is very important for Board Examinations.

### EXERCISE 1(A)

1. Add, each pair of rational numbers, given below, and show that their addition (sum) is also a rational number :

- (i)  $\frac{-5}{8}$  and  $\frac{3}{8}$                       (ii)  $\frac{-8}{13}$  and  $\frac{-4}{13}$   
 (iii)  $\frac{6}{11}$  and  $\frac{-9}{11}$                       (iv)  $\frac{5}{-26}$  and  $\frac{8}{39}$   
 (v)  $\frac{5}{-6}$  and  $\frac{2}{3}$                       (vi)  $-2$  and  $\frac{2}{5}$   
 (vii)  $\frac{9}{-4}$  and  $\frac{-3}{8}$                       (viii)  $\frac{7}{-18}$  and  $\frac{8}{27}$

2. Evaluate :

- (i)  $\frac{5}{9} + \frac{-7}{6}$                       (ii)  $4 + \frac{3}{-5}$   
 (iii)  $\frac{1}{-15} + \frac{5}{-12}$                       (iv)  $\frac{5}{9} + \frac{3}{-4}$   
 (v)  $\frac{-8}{9} + \frac{-5}{12}$                       (vi)  $0 + \frac{-2}{7}$   
 (vii)  $\frac{5}{-11} + 0$                       (viii)  $2 + \frac{-3}{5}$   
 (ix)  $\frac{4}{-9} + 1$

3. Evaluate :

- (i)  $\frac{3}{7} + \frac{-4}{9} + \frac{-11}{7} + \frac{7}{9}$   
 (ii)  $\frac{2}{3} + \frac{-4}{5} + \frac{1}{3} + \frac{2}{5}$   
 (iii)  $\frac{4}{7} + 0 + \frac{-8}{9} + \frac{-13}{7} + \frac{17}{9}$   
 (iv)  $\frac{3}{8} + \frac{-5}{12} + \frac{3}{7} + \frac{3}{12} + \frac{-5}{8} + \frac{-2}{7}$

4. For each pair of rational numbers, verify commutative property of addition of rational numbers :

- (i)  $\frac{-8}{7}$  and  $\frac{5}{14}$                       (ii)  $\frac{5}{9}$  and  $\frac{5}{-12}$   
 (iii)  $\frac{-4}{5}$  and  $\frac{-13}{-15}$                       (iv)  $\frac{2}{-5}$  and  $\frac{11}{-15}$   
 (v)  $3$  and  $\frac{-2}{7}$                       (vi)  $-2$  and  $\frac{3}{-5}$

5. For each set of rational numbers, given below, verify the associative property of addition of rational numbers :

- (i)  $\frac{1}{2}$ ,  $\frac{2}{3}$  and  $\frac{-1}{6}$   
 (ii)  $\frac{-2}{5}$ ,  $\frac{4}{15}$  and  $\frac{-7}{10}$   
 (iii)  $\frac{-7}{9}$ ,  $\frac{2}{-3}$  and  $\frac{-5}{18}$   
 (iv)  $-1$ ,  $\frac{5}{6}$  and  $\frac{-2}{3}$

6. Write the additive inverse (negative) of :

- (i)  $\frac{-3}{8}$                       (ii)  $\frac{4}{-9}$   
 (iii)  $\frac{-7}{5}$                       (iv)  $\frac{-4}{-13}$   
 (v)  $0$                       (vi)  $-2$   
 (vii)  $1$                       (viii)  $-\frac{1}{3}$   
 (ix)  $\frac{-3}{1}$

7. Fill in the blanks :

- (i) Additive inverse of  $\frac{-5}{-12} = \dots\dots\dots$   
 (ii)  $\frac{-5}{-12} +$  its additive inverse =  $\dots\dots\dots$   
 (iii) If  $\frac{a}{b}$  is additive inverse of  $\frac{-c}{d}$ , then  $\frac{-c}{d}$  is additive inverse of  $\dots\dots\dots$   
 And so  $\frac{a}{b} + \frac{(-c)}{d} = \frac{(-c)}{d} + \frac{a}{b} = \dots\dots\dots$

8. State, true or false :

- (i)  $\frac{7}{9} = \frac{7+5}{9+5}$                       (ii)  $\frac{7}{9} = \frac{7-5}{9-5}$   
 (iii)  $\frac{7}{9} = \frac{7 \times 5}{9 \times 5}$                       (iv)  $\frac{7}{9} = \frac{7 \div 5}{9 \div 5}$   
 (v)  $\frac{-5}{-12}$  is a negative rational number  
 (vi)  $\frac{-13}{25}$  is smaller than  $\frac{-25}{13}$