Bal Bharati
PUBLIC SCHOOL
LUDHIANA

Class IV

Holiday Homework

Read ! Explore! Analyze! Arrange!

The Knowledge Express

Task: Read English newspaper regularly during holidays. Design a one-page newspaper on A3 size sheet with different sections like National news, Sports news, Entertainment, Economic / Business, International news, Weather Forecast etc. You can also include an interview or a short article. Decorate it with colourful headlines and hand drawn images.

Objective: Students will be able to:

- **Develop basic skills of language**
- **Add new words to active vocabulary of the students**
- **Integrate with Social Science, Art and Mathematics**
- **Do practice of Unseen Passage and Creative Writing Worksheet uploaded on Google Classroom.**

Q.I) Read the passage given below and answer the questions that follow.

Books are a great blessing. They are useful to us in many ways. They are our best friends. When we are in trouble, books stand by us and give us the right advice. Books console us in our sorrows. We never feel alone in the company of books. Books are written by experienced persons who are wise and who have matured minds. They are, therefore, our best guides, when we are in some confusion. Books give us inspiration to do great things. They fill our minds with noble thoughts. They improve our minds and help us to live our lives happily. But bad books poison our minds. We should therefore select and read good books only.

    i)   What do the books give us? _____

_____

    ii)   Complete the sentence. Books stand by us when we are in _____.

    iii)   Who write books? _____

    iv)   What kind of books should we select to read?

_____

    v)   State True or False.   Books spoil our minds with noble thoughts. _____

    vi)   Find antonym of the word 'curse' from the passage.

       a)   blessing   b) confusion   c) trouble   d) advice

    vii) Make a sentence of your own.

    a) improve_____

    b) useful _____

Bal Bharati PUBLIC SCHOOL Ludhiana

Story Completion

The Apple Tree

Use dictionary to find out the meanings

Synonyms

nap – siesta

huge - gigantic

no longer – not currently

ages – long time

mounted _____

In the course of time

_____

replied _____

depressed _____

Students, give wings to your imagination. Let's complete the story.

Ages ago, there was a huge apple tree. A little boy loved to come and play around it every day. He mounted to the tree top, ate the apples and took a nap under the shadow. He loved the tree and the tree loved to play with him. In the course of time, the little boy grew up and he no longer played around the tree every day. One day, the boy came back to the tree and he seemed depressed. "Come and play with me," the tree said to the boy. 'I am no longer a kid who plays around the trees,' the boy replied and continued, 'I want toys but _____

_____

_____

_____

_____

EVS

SCIENCE

1. Create a model on A3 sheet on Human digestive System

using waste items like straws, thread, dry fruit shells, cans etc starting from mouth till Anus. This project is creative, eco-friendly and helps you understand the digestive system using easily available waste materials

Roll No: 1 to 20

2. Create your own Suncatchers using pressed flowers and leaves.

You can use dried flowers or fresh flowers as per your availability. Use different shapes and design to make it more eye catching.

Hang your finished suncatcher in a sunny window to enjoy the colorful light shining through the pressed flowers. This project is simple, creative, and brings a touch of nature indoors!

Roll No. 21 onwards

EVS
(S.St)

Students will create a collage of their desired occupation and highlight their dream job pictorially including the role model behind the idea of choosing this profile that can include the famous person or any real life incidents.
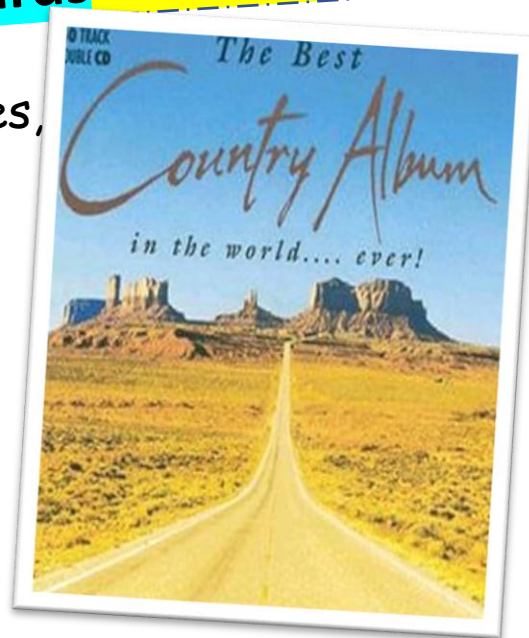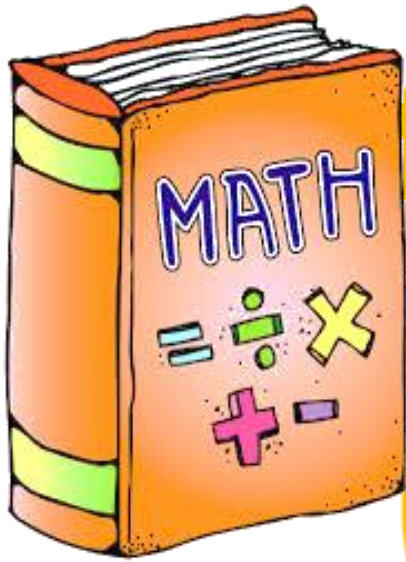
Country Album

Roll No-19 onwards

Create an album about any 10 countries, including:

1. Flag
2. Currency
3. National bird
4. Traditional game/sport
5. Interesting fact

1. Solve the two worksheets attached.

2. Do the following project work on A3 size sheet as per your Roll No.

Decorate with drawings or pictures. Make sure to show all calculations neatly.

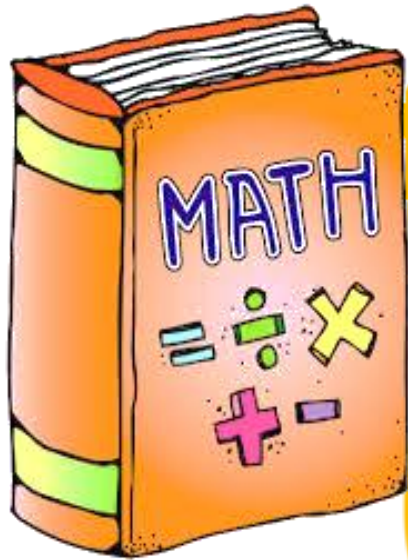## Project Work – 1 (For Roll No. 1 to 20)

Mountains play a crucial role in India's geography, climate, economy, and cultural identity. They serve as the source of many major rivers like the Ganga, Brahmaputra, and Yamuna, providing essential water for agriculture, drinking, and hydroelectric power.

Acting as natural barriers, mountains regulate weather patterns by blocking cold winds and directing monsoon rains, which impacts the overall climate of the country.

From environmental protection and sustainable farming to economic development and national security, mountains are integral to India's progress, making their preservation and sustainable management essential for the country's future.

1. Make a list of top 10 mountains peak of India and write their heights in metres.
2. Arrange them in the order of decreasing heights.
3. Name the highest and smallest mountain peak of India. Find the sum of their heights.
4. Write a short **note on importance of mountains.** **(In about 10 lines)**

1. Solve the two worksheets attached.

2. Do the following project work on A3 size sheet as

    per your Roll No.

Decorate with drawings or pictures.

Make sure to show all calculations neatly.

Project Work – 2 (For Roll No. 21 onwards)

The basic physical structures and facilities needed for a society are called infrastructure. This includes roads, highways, power stations, railways, waterways, dams, etc. The most important of these are highways. Without highways, agricultural produce would not be able to reach far away markets. Also, industrial output will not be able to reach the consumers. For development, highways are essential.

In India, highways are called NH or national highways. Each NH has a number. (Such as NH-1, NH-2, etc.) At present, in our country, highway and expressway construction is going on in full swing. About 50 km of highway is added every day.

1. Collect the data on top 10 longest National Highway in tabular form as follow
2. Find the name and length of the longest and shortest national highways. Find the sum and difference of their lengths
3. Paste a map showing longest highway of India.
4. Write a short note on importance of highways. **(In about 10 lines)**

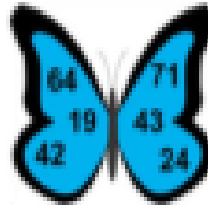| S.No.	National Highway	Distance (in km)	Route

Name: _____   Class – IV   Subject: Mathematics

Q1 Tick the correct option:

1. Find the difference between the sum of odd numbers and sum of even numbers on the wings of the butterfly:

   a) 1   b) 2   c) 3   d) 4

2. If the day before yesterday was Thursday, then what day will be day after tomorrow?

   a) Monday   b) Sunday   c) Wednesday   d) Friday

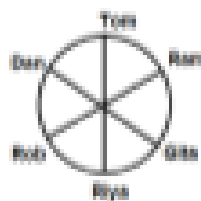3. Which of the following words cannot be formed from the letters of the given word?

   # COMMENTATOR

   a) MOMENT   b) COMMON   c) TART   d) COSMOS

4. Select the missing number from the given series-   23, 11, 34, 45, 79, ?

   a) 121   b) 124   c) 163   d) 169

5. The largest number formed by arranging the digits of 54,29,136 is _____.

   a) 91,36,542   b) 96,54,321   c) 96,54,361   d) none of these

6. Which of the following figure has the same number of sides as the figure below?

   a)   b)
   c)   d)

7. In a certain code, TOM is written as 523, MOP is written as 321, and then what will be the code for TOP?

   a) 125   b) 123   c) 521   d) 325

8. Which of the following set of letters can be reshuffled to form the word "DECISION"?

   a) DISCINOS   b) ECINDOIS   c) NOSIDESI   d) DESINOIS

9. The following figure shows six persons sitting around a circular table. Who sits second to the left of Riya?

a) Ram   b) Rob   c) Dan   d) Both (a) and (b)

10. The codes of some digits are given below.

Digits	5	3	6	1	7	8	4	2
Codes	@	#	U	$	H	E	%	©

Find the code for 85261.

a) D©@#$ b) %@©UH   c) E@©U$ d) H@©#%

11. In a certain code language, "how are you" is written as "HAY", "best of luck" is written as "BOL", then in the same language, "you are best" will be written as:

a) YAB   b) BAY   c) BY   d) TFU

12. What will come at the place of question mark?

a) 2   b) 4   c) 3   d) 5

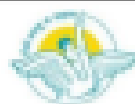13. Which of the following figure has a rectangular shape?

a)

b)

c)

d)

14. If Car : Road, then Boat : ?

a) Float   b) Swim   c) Sail   d) River

15. Find the next letter of the following series: D, G, J, M, ?

a) Q   b) O   c) P   d) N

Name: _____   Class – IV   Subject: Mathematics

Calcudoku

Complete the puzzle by filling the empty squares. The rules are:

The numbers you can use are from 1 to 6.

1. In each row and in each column each number can appear only once (just like in Sudoku).
2. Each "cage" (the blocks with the thick border) shows a result and an operation (addition: +, subtraction: -, multiplication: x, or division: /). The operation applied to the numbers in the cage should produce the result shown.
3. A number may be used more than once in the same cage, but not more than once in each row or column.

In case of subtraction or division, arrange the numbers from the cage from largest to smallest. For example: the result is 1- (operation is subtract and the numbers in the cage are 1, 2, 4 and the then you need to arrange them into 4 - 2 - 1.

3 - 5	3 -		8 +	2 -	4
	8 +	1		14 + 5	3
		120 x	2 - 4		6
12 +			8 + 5	3 / 3	10 x 1
	15 x	6		1	2
1		12 +	4		5

हिंदी

1. नारियल से कोई एक सजावटी सामान बना कर लाएं।

   (Roll no.1 to 20)

2. व्याकरण के किसी एक विषय (वचन बदलो, लिंग बदलो, समानार्थी शब्द आदि पर कोई वर्ग पहेली या मॉडल बनाएं |

   (Roll no. 21 to 40)