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Holiday Homework (2020-21)

Class IV

ENGLISH

Q1. Read the passage given below and answer the questions that follow:

It was a very pleasant day. A cool breeze was blowing. Rahul and Ridhima were quite excited. Their mother was taking them to an amusement park. She had already kept a five- hundred rupee note to pay for the joy rides. When she opened her purse to take out something, the note just flew away. Both the children ran after it but they could not find it.

"Sorry dear, " said their mother. "We have to cancel the programme. I don't have more money today."

"It is alright, Ma," said the children though they were disappointed.

The children decided to clean and decorate the house. " I'll bring some flowers and put them in the flower vase," said Rahul. As he went out to pick some roses, there lay the five- hundred rupee note stuck among the roses. He shouted with joy when he saw the note.

(a) Why were the children excited?

- (i) They were going to an amusement park.
- (ii) They were going out for dinner.
- (iii) They found a two-hundred rupee note.
- (iv) They got their favourite book.

(b) Their mother had kept a five hundred rupee note in her purse for the ____.

- (i) flower vase
- (ii) joy rides
- (iii) dance session
- (iv) books

(c) Where was the note finally found?

- (i) In the flower vase
- (ii) In the market
- (iii) Among the roses
- (iv) In the purse

(d) Choose the antonym for the word 'pleased' from the passage.(Para3)

- (i) disappointed
- (ii) stuck
- (iii) joy
- (iv) decided

(e) Choose the synonym of the word 'thrilled' from the passage. (Para 1)

- (i) excited
- (ii) pleasant
- (iii) breeze
- (iv) flew

Creative Writing- Be a writer. Pick up your pencil and let your thoughts flow on any one of the following topics in your English notebook:(Paragraph of 60-80 words)

Precaution is Better than Cure

Or

Rain brings joy in our lives

Create your own Diamante Poem

Write your own poem on an A4 size sheet.

Write a Diamante Poem. This type of poem has specific structure. It is seven lines long. Each line has specific types of words:

Line 1: one noun - the beginning subject of the poem

Line 2: two adjectives that describe the subject in line 1

Line 3: three -ing verbs related to the subject in line 1

Line 4: four nouns: two about the subject in line 1, two about the subject in line 7

Line 5: three -ing verbs related to the subject in line 7

Line 6: two adjectives that describe the subject in line 7

Line 7: one noun - the ending subject of the poem

Example: Flower Beautiful, brilliant
Sprouting, budding, growing
Roses, daisies, violets, tulips
Blooming, smelling, waving
Colorful, lovely
Blossom

A diamante poem takes its name from the shape it makes: a diamond. Diamante poems were introduced in 1969 by Iris Tiedt. The synonym diamante poem uses two synonyms as the beginning and ending subject. In the example above Flower and Blossom are synonyms.

Q- Rearrange the letters to form meaningful words:

- 1) LLEBA- _____
- 2) ERAITCVE- _____
- 3) BUEMHL- _____
- 4) IATEMSPRCEE- _____
- 5) SCRIOCUU- _____
- 6) TTAFEDREL- _____
- 7) UALBVAEL- _____
- 8) DEEPRTN- _____
- 9) XIFEBELL- _____
- 10) OUUMRR- _____

Suggested Reading:

1. Charlotte's Web - E.B. White
2. The Blue Umbrella, The Cherry Tree, The Room on the Roof, Rusty, The Boy from the Hills - Ruskin Bond
3. Matilda, BFG, Charlie and The Chocolate Factory - Roald Dahl
4. Enid Blyton Series
5. Sherlock Holmes series- Sir Arthur Conan Doyle

Mathematics

Q1. A magic square is a grid, most commonly 3x3 or 4x4, filled with numbers. The numbers in every row add up to the same number which is also called the magic number.

Here is an example done for you. The magic number here is 15 as the numbers of all the rows add up to 15.

Given below are a few magic squares. Put numbers in them to get the sum of all the rows equal to the magic number.

2	7	6	→15
9	5	1	→15
4	3	8	→15
↙15	↓15	↓15	↓15
			↘15

Magic Number: 18

9		
		8
5		3

Magic Number: 15

2		4
6	1	

Magic Number: 45

	21	
3		27
		12

Magic Number: 24

11		7
	8	
	10	

Magic Number: 30

12	2	
4		8

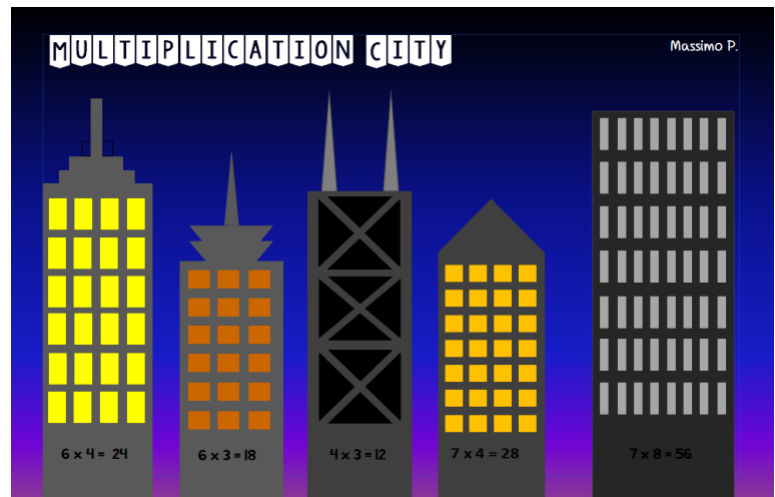
Magic Number: 21

6		10
11		
	9	

Q2. Create a Multiplication City using any 5 of the given factor combinations. This is also called an Array City. You may draw and colour your city or create it using paper cut outs to make it look colourful.

$4 \times 8 = 32$ $3 \times 6 = 18$ $4 \times 5 = 20$ $6 \times 6 = 36$
 $4 \times 7 = 28$ $7 \times 8 = 56$ $5 \times 6 = 30$ $5 \times 7 = 35$

An example of a city is given for reference.



A large empty rectangular box for creating a Multiplication City.

Q3. Learn and write tables from 2 to 15.

Q4. Solve the following questions.

$\begin{array}{r} 66 \\ \times 23 \\ \hline \end{array}$	$\begin{array}{r} 49 \\ \times 72 \\ \hline \end{array}$	$\begin{array}{r} 52 \\ \times 44 \\ \hline \end{array}$	$\begin{array}{r} 26 \\ \times 35 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ \times 87 \\ \hline \end{array}$
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$\begin{array}{r} 63 \\ \times 55 \\ \hline \end{array}$	$\begin{array}{r} 31 \\ \times 48 \\ \hline \end{array}$	$\begin{array}{r} 77 \\ \times 47 \\ \hline \end{array}$	$\begin{array}{r} 92 \\ \times 69 \\ \hline \end{array}$	$\begin{array}{r} 37 \\ \times 15 \\ \hline \end{array}$
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$\begin{array}{r} 82 \\ \times 53 \\ \hline \end{array}$	$\begin{array}{r} 24 \\ \times 56 \\ \hline \end{array}$	$\begin{array}{r} 45 \\ \times 36 \\ \hline \end{array}$	$\begin{array}{r} 79 \\ \times 85 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ \times 42 \\ \hline \end{array}$
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$\begin{array}{r} 22 \\ \times 58 \\ \hline \end{array}$	$\begin{array}{r} 76 \\ \times 34 \\ \hline \end{array}$	$\begin{array}{r} 27 \\ \times 88 \\ \hline \end{array}$	$\begin{array}{r} 73 \\ \times 49 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ \times 95 \\ \hline \end{array}$
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Q5. Solve the given word problems:

- a)** A cheesemaker sold 35 big wheels of cheese for Rs. 387 each. How much money did the cheesemaker receive in total?

- b)** Rehan bought 33 bags of potatoes. There were 195 potatoes in each bag. How many potatoes did Rehan buy?

- c)** Sophia bought 74 boxes of pens. There were 93 pens in each box. How many pens did Sophia buy?

- d)** There are 30 boxes of books in the storeroom. Each box has 424 books. How many books are there in all?

- e)** A law firm ordered 56 boxes of paper clips. There were 266 paper clips in each box. How many paper clips did the law firm order in all?

- f)** There are 53 students in the poetry club. Last year, each student wrote 53 poems. How many poems did the students in the club write in all?

SCIENCE HOLIDAY HOME WORK

- Do any two activities out of the following activities:

ACTIVITY 1

- Did you know by segregating, recycling and composting, a family of four can reduce their waste from 1000kg to less than 100kg every year. So, let's be a swachh warrior right inside our home, by learning the art of composting.

Composting is an easy way of recycling that involves decomposing everyday kitchen waste into a rich soil known as compost.

Here are five simple steps to begin turning your garbage into a garden.

Step 1- Identify Your Composting Spot: Composting can be done at various places ranging from your kitchen, balcony, terrace or roof, tabletop or sink. While the best place to start composting is outdoors, you can even start the process of composting inside your home.

Step 2- Segregate your Waste: Start separating your edible kitchen waste like vegetable peels, fruit peels, small amounts of wasted cooked food, etc. in one container. Fill another container with dry waste like dried leaves, sawdust, newspaper chunks, packaging material etc. Close both containers to avoid infiltration of bugs, flies, and worms.

Step 3- Construct Your Composting Bin: Select a container - it can be anything, from a bucket to a normal dustbin or a garden pot. Drill around 4-5 holes around the container at different levels so as to let some air in easily. To avoid any spills place a newspaper or tray underneath your container. Layer the bottom of the container with soil.

Step 4- Initiate the Composting Process: To maintain the dry waste and wet waste balance, add food waste and wet waste at alternate levels in the bin. For example if you add one cup of food wastes like vegetables or fruits, add one cup of dry wastes like dry leaves, sawdust, newspaper scrap too. Do not forget to add soil once every week. To fasten the process, you can add semi composted soil to your compost.

Step 5- Dos and Don'ts: Increase the components of newspapers or add extra holes when your compost smells due to imbalance of waste in the bin. Sprinkle some water if the compost turns too dry. After every few days, use a rake to give the pile of waste a quick turn. This will provide enough aeration for the waste to decompose successfully. Start using your compost once it gets ready within a period of 2-3 months in garden areas or potted plants once the dry, dark brown waste-turned-compost is ready.

ACTIVITY 2

COVID-19: A NATURE HEALER

Covid-19 is the infectious disease caused by the most recently discovered corona virus. We are under lockdown due to this pandemic. But the present scenario has brought some positive changes in the environment. **Let's pen this pandemic.**

1. Prepare a research report on Covid-19- A Nature Healer with the help of given guidelines. You can support the report with pictures if possible.
2. Collect the data of AQI (Air Quality Index) before and after the pandemic. Tabulate your findings. Compare and analyse the data.
3. List the positive impact of covid-19 on water bodies and aquatic life.

ACTIVITY 3

NEWS PAPER ACTIVITY- SCIENCE CORNER

Make a science magazine having the following features, using A4 sheets.

Three-four articles based on recent developments /discoveries with pictures based on biodiversity/medicine or any other field related to science.

संस्कृत

- प्रश्न 1. एक से दस संख्या याद करके संख्यावाची शब्दों के फ्लैश कार्ड बनाइए।
- प्रश्न 2. ए-3 शीट पर किन्हीं पाँच पशुओं और किन्हीं पाँच पक्षियों के चित्र बनाकर या चिपकाकर उनके नाम संस्कृत में लिखिए।

French

Make flashcards in French language on the following topics, as per your class roll number:

1. Roll no01- 20 -Salutations
2. Roll no21- 40 - French food

For example:



SPANISH

Make flash cards (dimensions 5 *5 inches) on the topic 'Days of the week' in

Spanish. You can refer to the following video for the same:

<https://www.youtube.com/watch?v=SQbspMMdJU8>

GERMAN

Imagine yourself as a traveller in Germany. As a preparatory measure, make flash cards (dimension 5*5 inches) of any five common greeting or courtesy words or common words of communication to help you during your trip. Illustrate the selected word aptly. You can use cardboard or colored paper to make the flash cards.

CHINESE

Given below are the sentences in English, rewrite the same in Chinese characters on an A4 sheet.

(You may use different colours to write different

sentences.) One example is given for your reference.

1. HELLO

你好

2. Hello, youall.

3. Are youbusy?

4. I am verybusy.

5. I am notbusy.

6. How areyou?

7. Verygood.

8. Thanks

JAPANESE

Given below are the letters in English, rewrite the same in HIRAGANA characters on an A4 sheet.

(You may use different colours to write different

sentences.) One example is given for your reference.

a	l	u	e	お
あ	い	う	え	o
Ka	kis	ku	ke	ko
Sa	hi	su	se	so
Ta	chi	tsu	te	to
Na	ni	nu	ne	no
Ha	hi	fu	he	ho

LIFE SKILLS

Life Skills enable individuals to face the real life challenges and aims at developing new ways of thinking and problem solving. After reading the first three chapters of the life education book 'Clear Light' we would want you to do some activities.

Chapter 1: Count Your Blessings

- ✧ Complete the worksheet given on page 4,5 and 6 of the textbook.

Circle Time- Discuss the importance of sharing with your friends in the group assigned to you and share your experiences of sharing your things with others.

Chapter 2: Respecting People

- ✧ Complete the worksheet given on page 11 and 13 of the textbook.
- ✧ For a quick self assessment, do page 12 of the textbook.

Family Time- Organize Grandparents Day in your home. Spend your whole day with them, learn about their hobby and create lots of happy moments. You may make something special for them like write a poem on them or cook their favourite dish with the help of an adult ...Design a family tree, display it in your room and surprise them. Do click a few pictures with them to cherish forever.

Chapter 3: Taking Care

- ✧ Complete the worksheet given on page 18,20 and 21of the textbook.
- ✧ For a quick self assessment, do page 19 of the textbook.

Thanksgiving Time: Make a thank you card for any of the helpers around you and appreciate them for all the things they have been doing so far. With the help of an adult you may make juice or lemonade for them and offer them help whenever they need.

