



Dear Rukminians

Greetings!

Summer Break Assignment

Class: IV (Session 2021-22)

'Learning is a vocation that requires vacation.'

Embracing the cheerful news of Summer Break, you may also contemplate the fact of elevating your skills eventually and spend your vacation ingeniously. Moreover, while enjoying every moment of your vacation, please follow the below mentioned suggestive advices conscientiously:

- (I) Follow and share the precautions measures for COVID-19 with your friends and family.
- (ii) Keep yourself safe and secure by ensuring to stay indoors/at home.
- (iii) Read your favourite books/stories/novels and share them with your siblings/parents/grandparents.
- (iv) Visit various places and explore the exquisite world around via virtual windows.
- (v) Enhance your conceptual understanding by completing the given Summer Break Assignments suitably well.

Details of the Summer Break Assignments are as follows:

Learning Objectives

- To augment the creative and critical skills of the learners.
- To enrich the language and linguistic skills of the learners.
- To sensitize the learners with the significance of integrated learning.
- To ensure the enrichment of comprehensive skills of the learners.

Skills	Subject	Curriculum / Activity Based Assignment
Language Skill Enrichment	English	<p>English</p> <ol style="list-style-type: none"> 1. Read the newspaper and find five new words. Write the words with their synonyms and frame a sentence each for both the words as well as the synonyms in the practice notebook. 2. Do the following worksheet in your Fair English notebook. <p>Subject: English Topic: Nouns and I'm late for school (poem) Class: IV</p> <p>Q1. Circle the odd one out and give a reason for the same:</p> <ol style="list-style-type: none"> 1. Riya girl man teacher 2. tree plant herb rain 3. Sam Rohan boy Sheena 4. pen lady scale notebook 5. lion bear toy tiger <p>Q2. Guess the correct animals from the given riddles:</p> <ol style="list-style-type: none"> 1. I have a very good sense of smell. I love to chew bones and I wag my tail when I am happy. 2. I am the biggest land animal. I have two large ears and one long trunk 3. My home is a barn I like to eat grass and I give milk. 4. I am green in colour and live in a pond. I catch flies to eat and I can jump. 5. I have a bushy tail. My home is a hole in a tree and I love to eat nuts.
	English	

Hindi

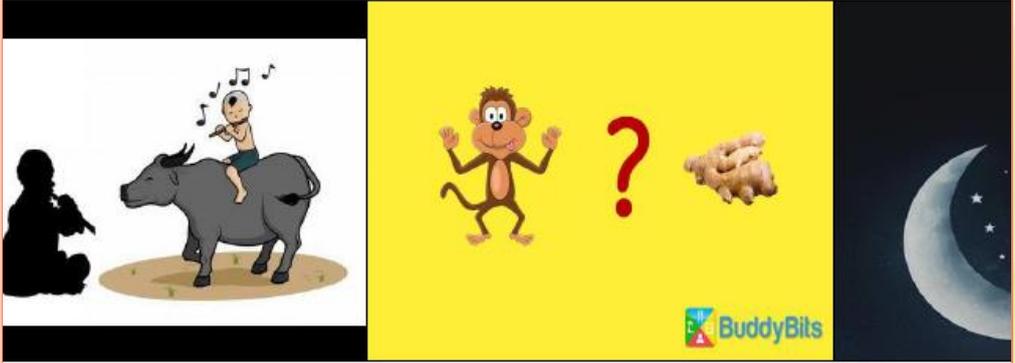
1. चलो कहानी लिखें:

विद्यालय ,गुरुजी ,पेट, बच्चे ,इंटरनेट, कक्षा ,सहपाठी, ज्ञान, लाभ, हानियां

ऊपर दिए गए शब्दों का प्रयोग करते हुए एक रोचक कहानी की रचना करें ।(यह कार्य आपको अपनी कार्य पत्रिका में करना है)

2 यह कार्य आपको अपनी हिंदी की कार्य पत्रिका में करना

नीचे दिए गए चित्रों को देख कर मुहावरे लिखिए ।

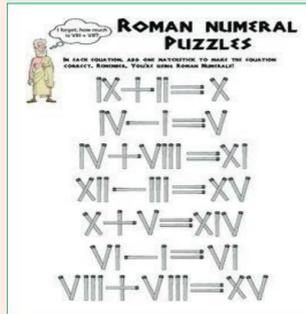


सोचो समझो और लिखो :-

- आप अपने देश को महान बनाने के लिए क्या करेंगे ?
- ऐसे कौन-कौन से कार्य हैं जिन्हें करने से देश की उन्नति होती है ?
- अपने राष्ट्रीय ध्वज की गरिमा बनाए रखने के लिए क्या करेंगे ?

Maths

1. Roman Number Puzzle - Solve the following roman number puzzle in your practice notebook.



2. Do the given worksheet in practice notebook:

Subject: Mathematics **Topic:** Basic Mathematical Operations **Class:** IV

Q1. Complete the pattern:

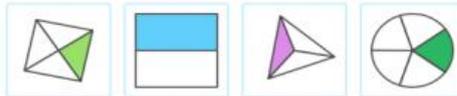
- 9+4= _____
- 90+40= _____
- 900+400= _____
- 9,000+4,000= _____
- 90,000+40,000= _____
- 9,00,000+4,00,000= _____



Q2. Complete the table:

Total	Number of equal groups	Amount in each group
27	—	9
66	6	—
81	—	27
95	—	19

Q3. Which shape shows the fraction half?



Q4. Choose two numbers from the box to complete the addition number sentence.

- 4 5 7 15 17 18

+ = 24

Skills

Subject

Curriculum / Activity Based Assignment

Scientific Skills Enrichment

EVS

1. Solve the given worksheet in fair notebook.

Worksheet

Subject: EVS Topic: Ch-1: The Green Plants and Ch-2: Plant Adaptations Class: IV

A. Complete the following analogous questions.

- a) Light : sun :: water : _____
- b) Bulrush : emergent plant :: lotus : _____
- c) Mango : plains :: mangroves : _____
- d) Non-green plant : coralroot :: parasitic plant : _____
- e) Flat part of leaf : lamina :: main vein of leaf : _____



B. Answer the following questions.

- a) A plant with broad leaves will not survive in a desert. Do you think this statement is correct? Explain.
- b) What would happen to a mountain plant if the climate changes from very cold to hot and humid?
- c) Samarth takes a green leaf from the plant and boils it in alcohol for removal of chlorophyll. After this treatment, he adds a few drops of iodine to the boiled leaf using syringe dropper. After some time, he observes that the leaf turns blue-black in colour. What can be evaluated from this?
- d) Drishti sets up an experiment using two potted plants in the same type of soil. She kept one plant in the garden while the other in a dark room and watered both the plant equally. After five days, she observed that the plant in the dark room dies while the other plant in the garden appears healthy. What is the likely reason for this observation?
- e) What would happen if there is a sudden decrease in the number of plants in nature?

C. State true or false. If false, write the correct statement.

- a) Plants grow tall and straight in coastal areas.
- b) Non-green plants do not have stems.
- c) The pitcher plant snaps shut when an insect sits on it.
- d) Parasitic plants grow on other plants and absorb nutrients from them.

D. Read the given passage carefully and answer the questions that follow.

Green plants make their food in the presence of sunlight by a process called photosynthesis, which takes place in the leaves; that is why leaves are called the food factory or the kitchen of a plant. This is the start of food chain of living things. Animals are unable to make their own food so they eat plants or other animals to get food they need. Herbivorous animals eat plants as their food. Carnivores depend on the herbivores for their food. Ultimately all food comes from the food made by plants and the energy comes from the sunlight. During photosynthesis, chlorophyll, the green pigment in plants, traps the energy from sunlight and uses it along with carbon dioxide that enters through stomata and water that is taken in by the roots, to make sugar and oxygen. Plants use the prepared food for growth and other functions. Extra food is stored in the form of starch in different parts of a plant.

- a) What is the ultimate source of energy?
- b) Name the things that the plants use to make food and the sources from which they get them.
- c) Which part of the plant is called the food factory? Why?

E. Write the name of the given plants.

a)



b)



c)



d)



Please note: The online classes will resume from 10 June 2021 onwards. Hope you have a great time while enjoying your Summer Break.

Happy Holidays!
Stay home stay Safe!

