



# SUMMER VACATION

## Holiday Homework

### Grade -IV





**"The holiday season is a perfect time to reflect on blessings and take out ways to make life better for those around us"**

Summer vacations is the most awaited time for parents and kids alike. During this academic session 2021-22, our students are well connected with teachers virtually. We, team members of Lotus Valley, understand it very well that presently our proximity to resources is limited. Considering this, we tried to keep "Summer Holidays Homework" simple, informative but interesting as well so that our students love to spend their time in completing it under guidance of their teachers.

The summer vacation begins from **17<sup>th</sup> May, 2021** and school will reopen on **3<sup>rd</sup> June, 2021**. Parents can download holidays homework from school's website i.e [www.lotusvalley.edu.in](http://www.lotusvalley.edu.in) or Ecare- App.

It is the time of the year again when we can do things which we are unable to do during the regular routine days. Here are few suggestions for parents:-

- Make sure that you are spending quality time with your wards amidst this tensed environment. It is very important to keep their anxiety at minimum.
- Giving them small responsibilities in household chores will aid them to be independent.
- Teach them the importance of moral values in their life.
- Keeping in view the prevailing situation, indulge yourself in various indoor games withthem.

Also students can :-

- Read book, May it be fairy books, encyclopedia or comic books. Explore the imaginative world and go on a fantasy tour.
- Run, exercise, sweat! Channelize your energy and enjoy playing indoor games.
- Enhance communication skills by conversing with your friends and family in English.
- Explore the culture and heritage of the world by visiting heritage sites virtually. Download the app "Google Earth" and enjoy virtual tours around the Earth.

Please note:

- The school has organized virtual "Summer Camp" for classes I to VIII from 17<sup>th</sup> -28<sup>th</sup> May, 2021.
- Activities like communication skills/personality development programme (for classes I-VIII)/ Vedic Maths (for classes III-VIII)/Hindi Skills (Classes I-II) are being offered. The details and Zoom meeting Id's for respective sessions will be shared soon in class whatsapp group. Interested students can join the sessions as per their convenience.
- There will be remedial classes for those students who are unable to attend classes due to reasons like health issue, timetable clashes, network issues etc. Teachers will be revising whole syllabus covered in April-May. Timetable and Zoom meeting Id's for the same will be shared in class whatsapp group.

**Wish you all a fun filled, safe and healthy holidays ahead!**



## **ASSIGNMENTS**

### **Instructions for completing assignments-**

- All the assignments are to be done in subject notebooks with proper date and headings.
- After completing the assignments of each subject, students are required to make pdf of assignments with their name, class and rollno. and have to submit the same to their respective subject teachers.
- The written part should be neatly presented in student's handwriting. Take the help of your parents if necessarily required.
- Remember a well presented 'Holiday Homework' fetches your marks and appreciation of your teachers and classmates.
- Revise all the work done in class till date.

### **ENGLISH**

#### **A. Rewrite the words using a suitable prefix**

- 1) honest \_\_\_\_\_ 2) proper \_\_\_\_\_ 3) visible \_\_\_\_\_  
 4) read \_\_\_\_\_ 5) active \_\_\_\_\_ 6) afraid \_\_\_\_\_

#### **B. Write each phrase in a shorter way using the 'apostrophe'.**

- 1) horse that belongs to a soldier \_\_\_\_\_  
 2) the hat of the joker \_\_\_\_\_  
 3) the car belongs to my teacher \_\_\_\_\_  
 4) the castle belongs to the knight \_\_\_\_\_  
 5) wings of the bird \_\_\_\_\_

#### **C. Tick(√) the sentence which is correctly punctuated**

1. i) Rahul has three sisters Sana Mona and Riya  
     ii) Rahul has three sisters, Sana , Mona and Riya .
- 2) i) The Maharaja of Khejrali wanted to build a grand palace.  
     ii) the Maharaja of khejrali wanted to build a palace!
- 3) i) oh! Look at the big spider?  
     ii) Oh , look at the big spider !

#### **D. Rewrite the sentence using a contraction**

- 1) You should not trouble your elders. \_\_\_\_\_  
 2) Father would not allow me to go for the movie. \_\_\_\_\_  
 3) Mohil thinks he will finish The race at the first place. \_\_\_\_\_  
 4) I did not have much money. \_\_\_\_\_

### **HINDI**

#### **१. दिए गए संज्ञा शब्दों को सही तालिका में लिखिए।**

(मोहन, बर्टन, जगाधरी, रीमा, नदी, गुलाब, यमुना, हाथी, फूल, पक्षी)

व्यक्तिवाचक संज्ञा	जातिवाचक संज्ञा

#### **२. निम्नलिखित वाक्यों में रेखांकित संज्ञा शब्द के भेद लिखें।**

1. राजू पेड़ पर बैठा है। \_\_\_\_\_
2. बगीचे बहुत सुंदर लग रहा है। \_\_\_\_\_
3. गंगा एक पवित्र नदी है। \_\_\_\_\_
4. केशव ने अपने डर का सामना किया। \_\_\_\_\_

#### **३. निम्नलिखित प्रश्नों के उत्तर सही विकल्प चुन कर दें।**

1. किसी व्यक्ति, वस्तु, स्थान तथा भाव के नाम को क्या कहते हैं?

1. संज्ञा      2. सर्वनाम      3. विशेषण  
 2. संज्ञा की कितने भेद है?  
 1. एक      2. तीन      3. पांच  
 3. निम्नलिखित में से कौन सा संज्ञा का भेद नहीं है।  
 1. व्यक्तिवाचक 2. निजवाचक 3. भाववाचक  
 4. दिए गए दिए गए शब्दों के स्त्रीलिंग रूप लिखें।

1. श्रीमान      —  
 2. शिष्य.      —  
 3. पंडित      —  
 4. लेखक      —

5. दिए गए वाक्यों में रेखांकित शब्दों के लिंग बदलकर वाक्य दोबारा लिखें।

1. सभी लड़के खेल रहे हैं।  
 2. नायक ने श्रेष्ठ अभिनय किया।  
 3. गायक ने गाना गाया।

6. निम्नलिखित शब्दों में से पुल्लिंग शब्दों और स्त्रीलिंग शब्दों को अलग-अलग करके लिखें।

(चाचा, माली, बहन, लेखिका, चाची, भाई, सम्राट, ठाकुर, गायिका, बुढ़िया, चिड़ा)

- पुल्लिंग शब्द-
- स्त्रीलिंग शब्द-

## MATHEMATICS

**Tick the correct options:**

- 1) In the number 15,467 the digit in tens place is:  
 a) 6 b) 4 c) 7  
 2) Form the smallest number using given digits: 3,4,5,1,6,2  
 a) 645321 b) 457961 c) 123456

**Fill in the blanks:**

- 3) Compare the number using appropriate sign  $>$ ,  $=$ ,  $<$   
 7688 \_\_\_\_\_ 48689

- 4) 100 less than 5678 is \_\_\_\_\_

**State true or false:**

- 5)  $614+400$  same as  $400+314$  \_\_\_\_\_  
 6) Face value of 6 in 3576 is 600 \_\_\_\_\_

7) **Match the following:**

- |                              |                      |
|------------------------------|----------------------|
| i) $560+0=560$               | associative property |
| ii) $46+78=78+46$            | additive zero        |
| iii) $20+(12+76)=(20+12)+76$ | commutative property |

- 8) Verify the associative property of addition with the numbers 28950, 32451, 12345

- 9) Subtract and add 46512 and 34507

- 10) Represent the number on abacus and expand it: 56708

- 11)i) Arrange in descending and ascending order: 9145, 4195, 9541, 5197  
 ii) write the number name of following: 5064, 3456, 6089, 4007

- 12) A factory produced 34,987 window A.Cs and 4,563 split A.Cs in a year. find the number of A.Cs produced during the year. Draw part-part whole model and write statement also.

- 13) Rahul wanted to buy a smart TV for Rs. 35,000. He won rupees 20,538 in a lottery ticket. How much more money does Rahul need to buy T.V?

- 14) A cricket stadium has 25,000 seats. It is occupied by 1,300 adults and 5,678 children. How many seats are empty?

- 15) Round off the number 5608:

- I) Nearest 10
- II) Nearest 100
- III) Nearest 1000

## SOCIAL SCIENCE CHAPTER :-1 & 2 (EARLY HUMANS & OUR HERITAGE)

1. Multiple Choice Questions :- Select the correct answer
- a). Early humans had to move from one place to another in search of \_\_\_\_\_.  
(i). Caves (ii). Food and Water (iii). Stones (iv). All of these
- b). Which type of objects found in caves?  
(i). Paintings (ii). Pots (iii). Sharp stone tools (iv). All of these
- c). A means of water transport, made up of wood is \_\_\_\_\_.  
(i). Raft (ii). Truck (iii). Van (iv). ship
- d). Early humans also invented the \_\_\_\_\_.  
(i). Potter's wheel (ii). Blub (iii). Telescope (iv). Engine
- e). The earliest tools were made from \_\_\_\_\_.  
(i). Iron (ii). Animal skins (iii). fossils (iv). Stone
- f). Which food items have the preeti's family been eating for years?  
(i). Makki ki roti (ii). Sarson Ka Saag (iii). A piece of Jaggery (iv). All of these
- g). \_\_\_\_\_ is anything that has come down to us from the people lived before us.  
(i). Heritage (ii). Culture (iii). custom (iv). Tradition
- h). Which type of music developed in the North India?  
(i). Hindustani (ii). Classical (iii). Carnatic (iv). Folk
- i). The buildings of earlier times are examples of our \_\_\_\_\_ heritage.  
(i). Material (ii). Non - material (iii). Traditional (iv). Both (i) & (ii).
- j). In which state Vijaya Vittala Temple is located?  
(i). Jaipur (ii). Kurukshetra (iii). Karnataka (iv). Goa
2. Fill in the blanks:-
- a). Early humans hunted \_\_\_\_\_ for food.
- b). The discovery of \_\_\_\_\_ led to a big change in the life of early humans.
- c). Early humans used \_\_\_\_\_ fallen across streams and rivers as bridges.
- d). \_\_\_\_\_ rock shelters are in the state of Madhya Pardesh.
- e). An \_\_\_\_\_ is the one who studies the people lived hundreds and thousand of year ago.
- f). Something that was physically present in the past and which can now be touched is a part of \_\_\_\_\_ heritage.
- g). \_\_\_\_\_ is the oldest text on performing arts written by Sage Bharat.
- h). Dance, music and drama are the examples of \_\_\_\_\_ heritage.
- i). \_\_\_\_\_ dances are performed on happy occasions like festivals, weddings, births and harvesting of crops.
- j). \_\_\_\_\_ and \_\_\_\_\_ were the two famous Ayurvedic doctors of Ancient system of medicines.
3. Give one word answer of the following:-
1. Which type of food early humans eat?
  2. What kinds of tools did early humans use?
  3. Did early humans enjoy moving from one place to another? Yes/ No.
  4. How did early humans obtain food?
  5. Which stone used by early humans learnt to create fire by rubbing.
  6. Write the name of two famous monuments of India.
  7. Name the architect who designed the Taj Mahal.
  8. Write the name of one dance form that belong to India.
  9. Which type of music developed in South India?
  10. Who was one of the earliest surgeons of the world?

## **SCIENCE**

### **Q1 Tick the Correct answer:**

1. Water is carried by the \_\_\_\_\_ to the leaves.  
a) stem b)flowers c)roots
2. Which of the following gas is given out through stomata?  
a) Carbon dioxide b)Oxygen c)Hydrogen
3. When iodine is added to the starch solution, the colour is changed to  
a) blue black b)yellow c)green
4. Plants store extra food in the form of  
a) Oxygen b)Chlorophyll c)Starch
5. The tiny pores present on the leaves of plants are called \_\_\_\_\_  
a) stomata b)Cells c)Chlorophyll
6. What is a Terrestrial Plant?  
a)plants grow on land                      b)plants grow in water                      c)both                      d)none of these
7. Pine,fir, deodar & spruce are good examples of  
a)conifers                      b)ornamental plants                      c)both                      d)none of these
8. They shed their leaves in winter to protect themselves from cold weather  
a)deciduous                      b)none of these                      c)conifers                      d) evergreen
9. Which tree grows in marshy areas?  
a)Mango                      b)Mangroves                      c)both                      d)none of these
10. Water Hyacinth is a \_\_\_\_\_ plant.  
a)floating                      b)Underwater                      c)fixed                      d)none of these

### **Q2 Fill in the blanks:**

- i) Plants appear green due to the presence of a substance called \_\_\_\_\_.
- ii) The process by which green plants make their food is \_\_\_\_\_.
- iii) The flat part of a leaf is called \_\_\_\_\_ blade.
- iv) \_\_\_\_\_ are known as food factories of plants.
- v) A chain that shows how living beings obtain food is \_\_\_\_\_ chain.
- vi) Pitcher Plant catches \_\_\_\_\_.
- vii) A place where a plant lives is called its \_\_\_\_\_.
- viii) Leaves of \_\_\_\_\_ are sensitive & close down when touched.
- ix) \_\_\_\_\_ & \_\_\_\_\_ are parasitic plants.
- x) The fungus which grows on bread is commonly known as \_\_\_\_\_.

### **Q3 Give one word or phrase for the following statement:**

- i) Name the red colour pigment present in Croton.
- ii) Name the flow of energy in form of food from green plants to herbivores & then to carnivores.
- iii) Name the tree whose leaves are heart shaped.
- iv) Name the gas released as a end product of Photosynthesis.
- v) Name the plants that feed on dead & decaying plants & animals for food.
- vi) Name the trees that have leaves all through the year.
- vii) Name a tree growing along the seacoast.
- viii) Name a thorny plant.
- ix) Plants that grow in water.
- x) Name the plants that have breathing roots.

## **ACTIVITIES**

### **Guidelines to perform activities-**

- Subject teachers will be providing videos regarding how to perform the activities in whatsapp group.
- Parents are requested to make videos of their wards performing various activities given in homework and sharing the same with subject teachers with name and class.

### **ENGLISH**

#### **Activity -1 Poem Recitation**

Recite the poem and make a small video

Poem - Grandmother's Fairies

(Course book - pg.no 43)

#### **Activity -2 Design your own postage stamp**

Resource : Course book (Let's Connect - pg no 57-58)

Aim : To realise the importance of postal system (means of communication) in our life .

#### **Material Required**

- Small piece of white or any colour paper
- Crayon / Pencil colour

Skill Development : creativity and understanding

\*Note\*- Paste the designed stamp in practice Book (Let's Connect- pg no. 22)

### **HINDI**

#### **गतिविधि 1**

उद्देश्य -सखर तथा भाव सहित कविता वाचन

कौशल विकास-वाचन कौशल

गतिविधि -अपनी हिंदी की पाठ्यपुस्तक में दी गई कविता 'हमारी नाव चली' का स्वर तथा शुद्ध उच्चारण के साथ वाचन करके एक वीडियो बनाएं तथा उस वीडियो को अपनी हिंदी की अध्यापिका को भेजें।

अधिगम साक्ष्य - छात्र सखर कविता प्रस्तुत कर पाएंगे।

#### **गतिविधि 2**

उद्देश्य - पक्षियों के प्रति संवेदनशील हो पाना

कौशल विकास -शिल्प कला व चित्रकला

सामग्री - रंगीन कागज तथा पेन

गतिविधि- रंगीन कागजों का इस्तेमाल करते हुए कागज की चिड़िया बनाएं तथा उससे अपना घर सजाएं।

(यह कार्य अपनी हिंदी के अभ्यास पुस्तिका पृष्ठ संख्या 12 में दिए गए चित्र निर्देशों का पालन करते हुए बनाएं। तथा इसे बनाते हुए एक वीडियो अपनी अध्यापिका को भी अवश्य भेजें।)

अधिगम साक्ष्य - छात्र पक्षियों के प्रति संवेदनशील होंगे तथा उनमें शिल्प कला व चित्रकला का विकास होगा

### **MATHEMATICS**

#### **ACTIVITY-1 Properties of multiplication**

**Aim:** understanding the multiplication

**Skill development:** understanding and applying

**Resources:** 3 medium sized bowl, 12 medium sized pebbles

**Steps:** 1. Take three medium size bowls

2. Place 5 pebbles in the first bowl, 4 in second and 2 in third bowl.

3. Name the bowl as Bowl 1, Bowl 2, Bowl 3

4. Multiply-pebbles in Bowl 1 by pebbles in Bowl 2      Result=\_\_\_\_\_

5. Multiply-pebbles in Bowl 2 by pebbles in Bowl 3      Result=\_\_\_\_\_

6. Multiply-pebbles in Bowl 3 by pebbles in Bowl      Result=\_\_\_\_\_

**Question:** Do you get the same answer?

**Outcomes:** student will be able to identify the commutative property of multiplication.

## **Activity- 2**

**Aim:** Represent fractions

**Skill development:** understanding, applying

**Resources:** Red flowers 14, pink flowers 5, Boxes

**Steps:** 1. Prepare for boxes with flowers.

E.g: Box 1-3 Red flowers, 2 pink flowers

Box 2-2 Red flowers, 2 pink flowers

Box 3-4 Red flowers, 1 pink flowers

Box 4-only 4 red flowers

2. Write these fractions of Red flowers out of total flowers in each box

i.e: Box 1=  $\frac{3}{5}$ . [3 red flowers, 5 total flowers]

Box 2=?

Box 3=?

Box 4=?

**Outcomes:** students will be able to represent fraction through collection of objects

## **SOCIAL SCIENCE**

### **ACTIVITY- 1 Chapter:- 2 (OUR HERITAGE)**

**TOPIC:- (MATERIAL HERITAGE) MONUMENTS ON PAGE NO. 26 LET'S CONNECT FROM COURSE BOOK**

**Aim:-** Design a travel brochure on a monument of India.

**Skill-Development:-** creating

**Resources:-** Half Chart paper, a set of sketch pens and crayons, one coloured tape, scale, pencil, eraser, sharpener.

**Steps-**

- Design a travel brochure (Phamphlet) on any one of the monuments you would like your friend to visit.
- Draw or paste a picture of the monument on the brochure.
- Write all the attractive features of the place where the monument is located.

**Outcome:-** All students will be able to create a travel brochure on a monument of India.

### **ACTIVITY- 2 Chapter:- 3 (INDIA-STATES AND PHYSICAL FEATURES)**

**TOPIC:- (NEIGHBOURING COUNTRIES) FROM COURSE BOOK PAGE NO. 31**

**Aim:-** Locate the neighbouring countries of India

**Skill-Development:-** Understanding

**Resources:-** A4 Sheet, Coloured Sketch, Crayons, Markers

**Steps-**

- Draw the outline map of India along with the neighbouring countries on A4 sheet.
- Colour the neighbouring countries with different coloured markers or sketch colours.
- And write the name of neighbouring countries of India

**Outcome:-** Students will be able to recollect the names of neighbouring countries.

## **SCIENCE**

### **Activity -1 Chapter 3(Reproduction in Animals)**

**Topic:** Experiment 1 (Pg no 23 Course Book)

**Aim:** To identify the parts of hen's egg.

**Skill Development :** Understanding, Applying

**Resources:** Egg, spoon,bowl

**Procedure:**

- Take the egg in your hand &use the spoon to crack it. Pour the contents of the egg into a bowl carefully &observe it.

**Outcome:**

- Students will be able to identify the parts of an egg &the role of each part of an egg.

**Activity- 2 Chapter 5 (Food & Digestion)**

**Topic:** Experiment 1 (pg no 47 Course Book)

**Aim:** To check the presence of fat in butter.

**Skill Development:** Understanding, Applying

**Resources:** Butter, pieces of paper, spoon

**Procedure:**

- Take a little butter, rub it on piece of paper. Observethe change.
- Note down your Observations.

**Outcome:**

- Students will be able to observe the presence of fat in butter.