Class IV

To reduce the use of paper and to Go Green school promotes the use of technology to save the environment. Homework is being provided online. Summer Vacations is a break from a fixed schedule and to play unlimited, use your imagination and creativity and make the process of learning fun. This Smart Summer holiday assignment is for your all round development and to challenge your imagination and creativity.

> Encourage the child to do the work independently.
> Provide guidance and support wherever required.
> Motivate your child to speak in English.
> To inculcate the reading habits encourage your child and motivate them to read news papers and books.
> Entire Assignment is to be done using A4 sized Pastel Sheets and decorate it artistically.
> Print outs of Practice Worksheets to be taken separately in order to complete them.
> Holiday Assignment should be submitted to the respective teachers within the First week after school reopens.
> Holiday Assignment will be evaluated on the basis of submission and quality of your work done and 50% marks will be added to Formative Assessment: 1.
Theme: Plants and Animals

Forests are the home to animals, birds and insects. Birds make nests in trees. When animals breathe out, they exhale carbon dioxide gas. This carbon dioxide is then used by the plants to make their food through photosynthesis. In turn, the plants give out oxygen that is needed by animals to breathe. Without green plants, there would not be enough oxygen for men and animals to breathe and they would die. Cutting trees and destroying forests affects the natural habitat of many animals.

Mathematics:

Activity 1: Here’s an innovative puzzle that you can create. This will be fun. Use the Affinity Block puzzle Key image as a sample.

What You Do:

Pick one shape—let’s say it’s a large blue square—and place it on the bottom right of your plain paper, leaving a 1” margin between any edge of the shape and any edge of the paper. Use your pen to draw a loose blob around the shape.

Pick another shape—let’s say a small red square—and place it above and to the left, about an inch away. Draw a blob around that shape as well.

Connect the two blobs with a “coded” line system: one line means one aspect in common—same shape, size, or color. Two lines means two aspects in common—both shape and size, or both size and color, or both color and shape. And three lines means all three: same color, shape, and size. Keep going with 4-6 more pieces until you have reached the top left of the page. It’s also fun to create a story for the journey of shapes—a mathematical frog hopping lily pads, for example, or a planet-hopping spaceship heading for a faraway planet.

Now the fun begins. Pull off all but one or two blocks, and place them all in a heap on the table with some other extra blocks. Invite your fourth
grader to recreate your puzzle. She will need to use logic at each stage, as well as a sense of spatial relationships, to figure it out.

This game is harder than it looks, and adults often get stumped! If someone gets stuck, it’s fine to help out with a clue or two, or you can use fewer shapes. On the other hand, some kids just whiz through. If that happens, try adding an extra shape, such as a pentagon, or making a longer paper.

The game is great for geometrical thinking and logical processing. It’s also good for hours of fun!

**Activity2:** Take one Pastel sheet, cut it in the shape of an egg, and write the multiples of 2, 3, 4, 5, 6, 7, 8 and 9. Colour it and decorate it.
Comparing numbers
Maths worksheets from urbrainy.com

More than - less than with negative numbers

>  <

< means " is less than".

You might see:  -6 < -4  This means -6 is less than -4

> means " is more than".

You might see -4 > -6  This means -4 is more than -6

Put the correct sign in these statements:

1. -5  [ ]  -8
2. -3  [ ]  -5
3. -8  [ ]  -2
4. -3  [ ]  -7
5. -1  [ ]  -6
6. -5  [ ]  -2
7. -8  [ ]  -9
8. -9  [ ]  -4
Answer the questions

(1) Write the digits which have same place and face value in the number 20695139

(2) Find the sums:

A) \[ \begin{array}{c}
4347038 \\
+ 3887905 \\
\hline
\end{array} \]

B) \[ \begin{array}{c}
854475 \\
+ 765913 \\
\hline
\end{array} \]

C) \[ \begin{array}{c}
583167 \\
+ 735631 \\
\hline
\end{array} \]

D) \[ \begin{array}{c}
5820751 \\
+ 6399272 \\
\hline
\end{array} \]

E) \[ \begin{array}{c}
425397568 \\
+ 229465444 \\
\hline
\end{array} \]

F) \[ \begin{array}{c}
432886872 \\
+ 394047374 \\
\hline
\end{array} \]

(3) Surjeet deposited Rs.961056 in his bank account. After a month, he withdrew Rs.146782 from his account. How much money is left in the account?

(4) Add the following numbers

A) \[ \begin{array}{c}
24663, 8200, 46487, 5904 \\
\end{array} \]

B) \[ \begin{array}{c}
88420, 992019, 779645, 92699 \\
\end{array} \]

(5) Arrange the following numbers in Ascending Order:

\[ 29272276, 43785641, 21408219, 82782623, 3817570, 10139276 \]

Choose correct answer(s) from given choice

(6) 946844 is represented in the International System as:

a. ninety-four thousand six hundred eighty-four
b. nine hundred forty-six thousand eight hundred thirty-four
c. nine hundred forty-six thousand eight hundred forty-four
d. nine million four hundred sixty-eight thousand four hundred forty

(7) The place ten times smaller than ten crore place is

a. ten lakh b. ten crore
c. one crore d. one crore one
EVS: Our theme is Plants and Animals and we all live in the same environment so it is important to understand it. Select any 1 from (Activity 3 or Activity 4) and any 1 from (Activity 5 or Activity 6) of the following activities to do so.

**Activity 3.** To promote reuse and help to save our environment create wall hanging pot with used bottles or tins, decorate it and plant a sapling into it. As shown in the image.

**Activity 4.** To promote reuse and help to save our environment create beautiful show pieces by using the old stuff available. Please make one and enjoy this activity. The given picture is an example.

**Activity 5.** To understand the life cycle of animals or insects. Create a life cycle hanging for the animal of your choice with beautiful hand drawn images (Frog, Butterfly, fish, Catterpillar, etc). One has been shown as a sample. Creativity would be appreciated.

**Activity 6.** To understand the habitats of the animals and plants choose any one habitat of your choice and create a poster on an A4 size pastel sheet. Use colourful pictures and your imagination. Use the pictures given as example.
Activity 7: Prepare a dish with the help of your mother and list down the name of ingredients and procedure of recipe on the space provided. Click a photograph of the dish and stick below. [with or without fire]

a) Name of the dish ___________________

b) It is a ____________________________vegetable/dessert/sweets/carbonated drinks/fruit drinks.

c) Is it sweet or salty? __________________

d) Name of the ingredients:

1) __________________________
2) ___________________________
3) ___________________________
4) ___________________________
5) __________________________
6) ___________________________

e) Explain the procedure of preparing the dish?

___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________

f) Comments in 10 words about the dish by any four members of your family –

1) Mother
2) Father

Signature of Mother_____________________

2) Father

Signature of Father_____________________

3) Brother/Sister

Signature of Brother/Sister_________________

4) Grand Parents

Signature of Grand Parents_________________

g) Stick or draw the photograph of the dish on an A4 size sheet and decorate it -
Fun base Activity 8: Invisible Ink with Lemon Juice

Making invisible ink is a lot of fun, you can pretend you are a secret agent as you keep all your secret codes and messages hidden from others. All you need is some basic household objects and the hidden power of lemon juice. What you’ll need: ● Half a lemon ● Water ● Spoon ● Bowl ● Cotton bud ● White paper ● Lamp or a light bulb

Instructions:

(A). Squeeze some lemon juice into the bowl and add a few drops of water. (B). Mix the water and lemon juice with the spoon. (C). Dip the cotton bud into the mixture and write a message onto the white paper. (D). Wait for the juice to dry so it becomes completely invisible. (E). When you are ready to read your secret message or show it to someone else, heat the paper by holding it close to a light bulb or a torch.

Activity 9: Do any one of the following (Activity a or Activity b):

a. Collect pictures of monuments declared world heritage sites, in India. Paste them in your scrapbook or make an album. Below each picture write a few sentences about the monuments.

b. Explain various methods of food preservation in your scrapbook. Mention different processes of preserving fruit/vegetable.
English fun

Ocean Animals

Circle the names of the animals in the word search:

blue whale  hermit crab  coral
starfish  squid  harp seal
urchin  shark  sea turtle

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Entertainment : Activity 10 (print) Watch a movie as allotted according to the Roll-No:

1. The Jungle Book  (Roll- No 1-10)
2. A Bug’s life  (Roll- No 11-20)
3. Air Buddies  (Roll- No 21 - onwards)

Questions to Stimulate Student Interest -- Get them Talking and Thinking

1. Did you learn anything from this movie? If you did, what was it?

2. What did you like best about the movie? Why?

3. What did you like least about the film? Why?

4. Who was your favorite character in the movie? Why?

5. Which character did you [admire, hate, love, pity] the most? What was it about that character that caused you to have that reaction?

6. Which part made you imagine that you also want the same as in the movie?
English Vocabulary Worksheet (print)

Missing Words

invertebrate  vertebrate  four  five  birds  fish  reptiles  mammals
amphibians  insects  mollusks  octopus  squid  gills  lungs  warm
cold  birds  exoskeleton  reptiles  arthropods  sea-urchin  starfish
worms

1) An animal that has a backbone is called a ___________ and an
animal without a backbone is called an ___________.

2) There are _____ main groups of vertebrates and _____ main groups of
invertebrates.

3) The five main groups of vertebrates are m __________, r __________,
f __________, a __________ and b __________.

4) __________ like ants and bees are invertebrates.

5) Slugs and snails are __________ that live on land and o __________,
s __________ and cuttlefish are mollusks that live in the sea.

6) Mammals breathe using __________ and fish breathe using __________.

7) Most reptiles and fish are ______-blooded.

8) Mammals and birds are ______-blooded.

9) ______ and ______ lay eggs. All invertebrates lay eggs.

10) Scorpions, spiders, crabs and insects are called __________ because they have hard bodies called an __________ and jointed
legs.

11) Animals like the s __________ and s __________ are called
echinoderms.

12) ______ are annelids because they have segmented bodies covered in
bristles.
Activity 11: Read Short Story for Kids with moral lesson to save tree

Once upon a time, there was a beautiful forest. There lived two trees, named Chintu and Pintu, who were brothers. Chintu and Pintu had many friends like the rabbit and his brothers, the group of monkeys, the family of birds, the Bunky bear and the wise old wolf.

One day, all the friends were chatting. Suddenly Pintu saw a WOODCUTTER coming toward the forest. Pintu said “Hey look a WOODCUTTER is coming towards the forest! Run! Run!” chintu said to the animals. But no one ran. They said “You give us food, shelter, you give us fresh air to breathe. How can we leave you in danger and go?” Chintu and Pintu thanked them. “OK you all hide behind us” said the two brother trees. So the monkeys and the birds hid inside the leaves of the tree and the other animals hid behind the tree.

Woodcutter was very confused because there were many trees to cut. Suddenly he saw Chintu and Pintu, the huge trees. He said “Be ready to be cut you trees.” The wise old wolf had already told his plan to animals. When the woodcutter came near the trees, the group of monkeys jumped on him and started imitating him, then the family of birds started pecking him, then the rabbit and his brothers started jumping around him and the Bunkey bear started roaring.

When all animals were busy at their work, the wise old wolf ran to the lion king. The wise old wolf told the king what he had to do. So they ran to where all the animals were. The king roared and the woodcutter ran for his life. Chintu and Pintu said “thank you”. Later the woodcutter thought “I never thought that trees give animals so many things like food, shelter etc…” and decided not to cut trees.

Friends this a message to not cut but plant more trees because there is less forest on our land and it is becoming less and less only. So please save forest.

Moral of the Story: Save Tree, Save Forest, Think for the Nature.

Q1. Suggest an appropriate title for the story

Q2. Draw a poster and write a slogan for ‘Save Trees’
English Reading: Your holiday homework this year is a fun mix of all the aspects of the language. It has been signed to ensure that you enjoy and learn at the same time.

Activity 12: Read the book provided by the school book by 'Enid Blyton'.

   a. Draw Make a book mark with your favourite character from this book.
   b. Copy down the most interesting incident according to you in one A4 sheet of scrapbook.

कक्षा – चार

1 किसी एक त्योहार से संबंधित कविता अपनी गृहकार्य कॉपी पर लिखे।

2 दस पेज़ चुलेख करे।

3 प्रश्न (क) और (ख) में से कोई एक करे।

(क) एक ए 4 सीट पर पेज़ का चित्र बनाकर उसके अंदर पेज़ों के दस लाभ लिखिए।

(ख) अपने दादाजी और दादी जी को अपनी कृप्लाता बताते हुए पत्र लिखिए।