Drone Delivers Books

Since the lockdown prevented many book lovers from stepping out to pick their favourite books, a school library in the USA came up with a unique idea of delivering library books by a drone. Students in Montgomery County Virginia, got to choose from the library’s more than 150,000 titles and were happy to have their books delivered right to their front yard.

This is the first school system in the world to deliver library books to their students, that too by air! The service is carried out on a limited trial basis. The process is simple. Students fill an online form submitting their request to get books of their choice, the librarian packs the books in special delivery boxes and drops them off at the drone pick up centre. Soon these drones fly across the county and bring the books to the student’s doorsteps. Isn’t that fun?

Katha a globally recognized, non-profit organization promotes the joy of reading and the love of books, especially among children living in entrenched poverty. Founded in 1989 by Geeta Dharmarajan, Katha is built on the vision that children can be agents of positive socio-cultural change. Katha’s mission is to empower socio-economically disadvantaged children as they read for joy and meaning. This mission will strengthen their critical thinking and problem-solving skills so that they can go on to create a kinder, more equitable, and sustainable world for all.

The challenge is to reach out to over 300 million children enrolled in schools in India. About 150 million 5-10-year-olds are in primary education, of which nearly 50% cannot read well. Inability of children to read at grade level hits India’s poorest the hardest, leading to deeper poverty in society. If all 5-10-year-old children read for fun and for meaning, they do well in school and will be prepared to bring positive change to all, leading to sustainability for people and the planet.

You can help in achieving this grand feat by joining hands with Katha to create better readers. For more information visit https://www.katha.org/300m/ or write to 300m@katha.org
Dear friends,

Welcome to the July edition of your favourite newspaper. We hope you enjoyed reading your last month’s edition in digital format. Just in case you feel that it is stressful for your eyes to read it on the screen, simply take a print of these pages on your home printer. We have kept the size of the fonts large enough so that it is easy for you to print the paper and read. How else would you colour the drawings or join the dots for the picture, isn’t it?

We have an interesting story about one of the prominent festivals of India on our Culture page. The History page will tell you about one of the oldest and grandest universities in the world which existed in India itself. Another interesting story is of Krishna and how he lifted an entire mountain on his finger, jump to the My Story page. Do not miss the quiz on the Avengers on our Activity page. On our People and Places page, we have one of our readers talk about Sudha Murthy, the popular children’s author who is also a learned philanthropist.

You must have heard a lot about Juneteenth last month. Read what exactly it is all about on our Trivia page. This month, we have filled up the pages with more activities for you to enjoy in form of puzzles, quizzes and colouring. All this so that you get entertained while staying back safe at home. Remember to take care of your health and be safe by following all safety measures told by your parents. Keep writing to us and let us know what you would like to read in your paper.

With love,
Your editor Shweta

What Do I Read?

Bioscope, authored by Mamta Nainy and illustrated by Shanti Devi, is an unconventional and simple story of Champa and her lively village. Through glimpses of colourful drawings, Champa shares details of her mother, friends, and all the happenings of the village — from the fun game of bead collecting, to Chinibas, the sweet seller awaited by the children every evening. The concluding pages of the book inform the readers about the art of Madhubani and Alpana.

Each page of this book is adorned with beautiful and intricate Madhubani art. It is plausible to think that by the end of the book, readers must be extremely familiar with this tribal art form of Mithila, Bihar. The creative illustrations aptly support the well-written narrative. The story is interspersed with questions and exclamatory statements, which makes it a fun-filled children’s read. While the story may seem simple and clear initially, it is, in actuality, layered with multiple topics that are relevant and have been relevant to society since ages—the mother taught the two young girls how to paint, in return, the girls taught the lady what they learnt in school... “Now she can say the entire a, b, c ... in one breath, you know!”— this is one of the many instances in the story that provides food for thought, and sends across the message of empowering one another with the knowledge that we possessin any form.

Ergo, Bioscope not just transports its readers into the joyous life of Guddu, but it also compels them to introspect about their own actions, and how they can make a difference in society.

For more details visit: https://books.katha.org/product/bioscope/
The Smell of Rain

Come monsoon and we get this peculiar fragrance in the air, especially when the raindrops hit the ground. This smell is called Petrichor (pronounced ‘Pe-trih-core’). This actually is a smell that comes from plants and bacteria. Plants release long chain molecules called fatty acids. The chain molecules break down into smaller ones that we can smell. On the other hand, soil bacteria produce a chemical called ‘geosmin’. When this geosmin and plant fatty acids combine together, we get petrichor. We get this only when it rains. Because, when water droplets hit the soil, they trap bubbles of air under them. This is where the bacteria and plant chemicals mix. These bubbles burst out into the air as a fine mist carrying the smell of petrichor upto our noses.

Science Quiz

This month let's look at some instruments that are used to measure various things around us. How many of these did you already know?

1. Which instrument is used to measure body temperature?
2. Which instrument is used to measure electric current?
3. What do you use to measure Electricity?
4. Which instrument is used to measure air pressure?
5. With what do you measure time?
6. Force is measured by which instrument?
7. Name the instrument used to measure rain.
8. Doctors use this instrument to measure blood pressure
9. There is an instrument to measure sugar in a mixture
10. Which instrument will help you locate the directions?

Answers on page 18

That’s Weird

Nature is full of some really weird creatures. This month let’s take a look at two crustaceans and learn thing or two about them.

The Yeti Crab
- The yeti crab was discovered in 2005
- The species was found in the South Pacific at a depth of 7,200 feet.
- It has tiny eyes that lack pigment, making scientists believe that the crab must be blind.
- Although it looks like a furry lobster, the yeti crab is more closely related to hermit crabs.

The Coconut Crab
- A coconut crab can grow upto 6 feet across and weigh 30 pounds. Male crabs are generally a bit larger than females.
- It can live for more than 30 years.
- Coconut crabs mostly eat fleshy fruits, nuts and seeds (thank god, they’re vegetarians)
- It can easily climb trees to eat, well...coconuts or fruit.
- Coconut crabs live in underground burrows and rock crevices.
- Fear not, they aren't found in India but the Christmas Island in the Indian Ocean has the largest population of coconut crabs in the world.
Proteins are large molecules (made up of building blocks called amino acids) that perform many roles in living beings. These molecules help in functioning and formation of cell structures in our body. Proteins also hold a group of cells together to form a tissue. These tissues form the muscles in our body. Some proteins help in developing the immune system. Antibodies are one such protein. Antibodies allow the body to recognize and respond to attacks from viruses or bacteria. And some proteins help in the process of making new molecules, including other proteins.

There are only about 20 amino acids. But different combinations of these building blocks produce a huge number of proteins. Scientists have identified more than ten thousand proteins in the human body. But different people contain different numbers of proteins depending on their diet and lifestyle. We need to eat protein to stay healthy. Foods that contain high amounts of protein include eggs, chicken, meat, nuts and some veggies.

Health Quiz

Your parents have been insisting that you get the right dose of vitamins for your body. Vitamins help us in staying healthy and strong. They also help us in building immunity against infections, virus and other ailments. And where do you get these vitamins? Let’s learn through a quiz. Match the items that contain the right vitamins. We have listed just a few, but we are sure your parents know much more than these listed foods.

<table>
<thead>
<tr>
<th>Column 1</th>
<th>Column 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vitamin A</td>
<td>Almonds, peanuts, hazelnuts, green leafy vegetables</td>
</tr>
<tr>
<td>Vitamin B</td>
<td>Papaya, citrus fruits, strawberries, tomatoes</td>
</tr>
<tr>
<td>Vitamin C</td>
<td>Carrots, sweet potatoes, lettuce</td>
</tr>
<tr>
<td>Vitamin D</td>
<td>Sunshine, cheese, soy milk, fish</td>
</tr>
<tr>
<td>Vitamin E</td>
<td>Whole grains, chicken, eggs and fish</td>
</tr>
<tr>
<td>Vitamin K</td>
<td>Cabbage, cauliflower, prunes, kiwi</td>
</tr>
<tr>
<td>Calcium</td>
<td>Pulses</td>
</tr>
<tr>
<td>Fibre + vit A, B, C, E + minerals like calcium, iron, potassium and zinc.</td>
<td>Milk, cheese, curd, fox nuts (makhana)</td>
</tr>
</tbody>
</table>

Immunity Shot

When it starts raining, the pitter-patter of rain also brings health troubles like common cold, indigestion and fever. We can beat this with a simple health hack to boost our immunity. Its easy to make and doesn’t taste bad!

Mix 2 teaspoons of Ajwain (Carom seeds) with crushed ginger (2 teaspoons) in a bowl. Add 2 spoons of honey to this mixture and stir well. Take half a cup of boiled water and add the mixture to it. Stir well. You can drink this while its warm. It will help in building immunity and staying healthy during the rain. If it is too much of a trouble to prepare this, just gulp down a spoonful of Chyavanprash to build your immunity.
India as we all know is one country in the world where we celebrate many festivals throughout the year. In this rainy season which falls in the lunar months of Ashaadh and Shravan, we celebrate many festivals and fasts like the Teej, Yatras, Ganga Dusshera, Janmashtami and the Kanwarias to name a few. Among these is the vibrant Rath Yatra of Puri, also called the Chariot Festival of Puri.

Puri is a place in Odisha on the east coast of India. Odisha is known as the temple town of India. Here Lord Jagannath is worshipped and is identified with Lord Vishnu and Lord Krishna. The Rath Yatra procession of Lord Jagannath is carried out every year with great pomp and splendour. This festival is known by various names like Gundicha Jatra, Navadina Jatra, Dasavatara Jatra and many more. The deities from the Srimandira of Lord Jagannath, Lord Balabhadra and Goddess Subhadra along with the Sudharshan Chakra are taken out from the temple in an elaborate procession to their respective chariots. These chariots are decorated colourfully and are drawn by thousands and thousands of devotees on a Bada Danda (Grand Road) to the Gundicha temple. It is believed that seeing the devotion of Goddess Gundicha, Lord Jagannath promised her that he will visit her temple every year.

The distance travelled by the chariots is two miles. The gods reside in this temple for seven days and then are brought back to the Srimandira on the eighth day. The sanctity of the festival is such that even a touch of the chariot or the ropes with which these are pulled is considered enough to confer the results of several pious deeds or penance for ages. This year due to the pandemic, the government decided to allow only 500 people with a negative Covid report to participate in this traditional Yatra and maintain proper social distancing.

One day king Indradyumna decides to build a Vishnu temple but could not decide the idol and its form or shape. He prays to Lord Vishnu for guidance and during deep meditation sees a log of neem wood floating near Bankamuhana in Puri. Lord Vishnu asks the king to carve an idol out of the wood but the king could not get any carpenter to make the idol because everytime a carpenter tried to cut the wood all the tools would break. The king then finds a carpenter called Biswakarma (the architect of gods) who agrees to carve the idols but in total isolation and nobody should disturb him while he workd. The king sends Biswakarma to a room where he gets busy to carve the idol. After many days, the king gets curious and decides to check on the progress by the carpenter. But the moment he opens the door, the carpenter vanishes and the idols are left incomplete. The king believes that Lord Vishnu wanted the idols to be this way and thus decides to worship them in the unfinished form.

Gayatri Kelkar
Teacher, Writing Enthusiast
Environment Quiz

1. Name the largest mammal on earth
2. Which animal runs the fastest on land?
3. Which is the fastest bird on earth?
4. The animals that sleep in the day and are active at night are called?
5. Which is the tiniest bird on earth?
6. Which animal can turn its head a full circle?
7. How many limbs does an Octopus have?
8. Which is the smallest known species of dog?
9. A caterpillar is an insect that turns into a?
10. An animal that can live on land and also in water is called?

Cleanest Air on Earth

Last month, scientists discovered what they believe to be the cleanest air on Earth. Researchers from Colorado State University and the Australian Bureau of Meteorology studied the purity of air above Antarctica. They found a region over the Southern Ocean, between the south of Australia and Antarctica, that was unaffected by human activity. They noted that the quality of air was totally free from ‘anthropogenic aerosols’ (type of pollutants or particles formed from human activity, or dust from other continents). Thus, they deduced that this pollution-free area contained the purest form of air on earth.

In their research, the scientists also analysed the structure of airborne microbes in the lower clouds over the Southern Ocean. They found that since there was no human activity around, these microbes were not affected by pollutants that otherwise come from ship’s oil spill in the ocean or human activities like camping, plastic or processed food. This probably could be the reason for a toxin free air in the surrounding.

Tree Rings

Take a look at this picture here. These are rings formed on the tree stump as it grows over the years. Note the growth of the tree in size when there is ample rain and the effect when there is a calamity like a forest fire. The study of these rings helps scientists understand the pattern of growth and climate conditions. Did you know, the study of these rings of trees is called Dendrochronology.
Today thousands of students from India seek higher education in universities abroad, but did you know, India contained the ancient world's biggest and oldest university? That's right, students from all over the world would come to this university to acquire knowledge that they can take back to their countries. This month let's read about the Nalanda University.

Nalanda, also known as Mahavihara was established during the 5th Century C.E. It was a Buddhist monastery and a world-famous centre of learning, in the ancient kingdom of Magadha which is modern-day Bihar in India. It gained significant fame and prestige during olden times. Students studied important scriptures that included subjects such as the Vedas, logic, Sanskrit grammar, medicine, and Hindu philosophy. In due course of time it became such a revered University that students from different parts of the world came to study here. Many scholars have recorded the ambience, architecture, and learning at this unique university. The most detailed description come from the Chinese scholar, Xuan Zang who carried back many scriptures to China which were later translated into Chinese.

In the 19th century, excavations were conducted by the Archaeological Survey of India. Eleven monasteries and six brick temples were unearthed. Various sculptures, coins, seals, and inscriptions were also discovered in the ruins, many of which are on display in the Nalanda Archaeological Museum. In November 2010, the Indian government resurrected this ancient university and a new Nalanda University was established. Later in September 2014, the University admitted its first batch of students after a gap of nearly eight hundred years making it an historic event.

### Library at Nalanda

Studies from Tibet mention existence of a great library at Nalanda named Dharmaganja. It comprised three large multi-storeyed buildings, the Ratnasagara (Ocean of Jewels), the Ratnodadhi (Sea of Jewels), and the Ratnaranjaka (Jewel-adorned). Ratnodadhi itself was nine storeys high and contained the most sacred manuscripts. These buildings were full of books, not only religious manuscripts but also books on grammar, logic, literature, astrology, astronomy, and medicine.

### Destruction

In around 1193 CE, Bakhtiyar Khilji, a Turkic invader of Mamluk Dynasty learnt about the glory of India. He was disturbed by the fact that Indian scholars knew more than the scholars of his own court and decided to destroy the roots of knowledge from this country. In series of attacks, he set fire to the great library of Nalanda and burned down nearly 9 million manuscripts. The library was so vast and strong that it took three months to completely destroy it. The Turkish invaders also murdered monks and scholars in the university.
Activity

Cake & Jelly Mousse

Ingredients
Sponge cake: 4 slices
Strawberry jelly: 1 packet
Amul fresh cream (chilled): ½ cup
Powdered sugar: 2 tablespoons

Method: Take a glass dish. Crumble the sponge cake to form a thin layer. Tap down with a spoon to set this layer evenly. In a microwave heat half glass water for 1 minute. Add the jelly to this hot water and stir till the mixture till it dissolves completely. Let it cool. Add sugar to the cream and beat with a fork for 6-7 mins. Add half of the jelly mixture to this cream and mix well. Pour over the cake. Spread evenly on the edges of the glass dish. Pour the jelly on top of the cream and keep it in the refrigerator for at least 2 hours before serving. You can top it up with pieces of strawberry to add to the temptation.

The Avengers Quiz

Are you an Avengers fan? You think you know too much about the Marvel series? Great, let’s take this quiz to know your expertise!

1. What is Captain America’s shield made up of?
2. What is the name of Thor’s new weapon?
3. Which radiation turns Dr. Bruce Banner into Hulk?
4. Name the 2 daughters of Thanos.
5. Who is the youngest Avenger?
6. What is Ironman’s actual name?
7. What is the name of Black Panther’s home country?
8. How many infinity stones exist?
9. Which country is Black Widow from?
10. Where is Avengers Tower located?

Answers on page 18

Action in Lockdown

The current lockdown has made schools cancel regular attendance till unknown time. The uncertainty may be worrying, but we need to keep ourselves in good cheer. This too shall pass and there will be normal life soon, but what we do during this phase will remain forever in our memories. So, let’s make the best of it. We are listing down some activities that you can do together with your family. We are sure some of these you have already tried. Why not share with us your ideas, so that others can do the same too!

- Make a family music video
- Trace your family history
- Make a family tree
- Try a new recipe
- Learn to change the sheets and make your own beds
- Practice laundry and folding clothes
- Build a bird feeder
- Plant a tree
- Make a painting
- Donate clothes, toys, books to the needy
- Start a Scrapbook
- Make tie dyed t-shirts
- Exercise daily together
Plants Attend Opera

Last month the Barcelona Opera House in Spain reopened with an exclusive performance for a full house of over 2,000 plants! After a long break due to the lockdown, the grand opera house decided to start their services by inviting this green audience to enjoy the show. The organizers believed that the art community should inspire the world with such actions to honour the healing aspects of nature that surrounds us. They felt that even while an audience of plants cannot clap hands in a round of applause, they display the power of silence. Here we are reminded of the power in active listening.

Scientists have proved that plants rejuvenate themselves when exposed to music, so the organizers believed that the energy and healing properties of plants who attended the opera increased by this live performance. After the concert the plants were donated with a certificate from the artists to 2,292 frontline healthcare workers in recognition of their work during the pandemic. It is expected that these plants will assist these healthcare workers by providing fresh air, beautifying the space with the memory of sound continuing to live on. Isn’t that a beautiful gesture?

Musical Quiz

India has created a lot of grand masters in the field of classical music. These legends have carved a name for themselves as well as for India all over the world. Their sheer expertise in creating magic through their instruments is mesmerizing. One admires the endless practice and efforts they took to reach that zenith of mastery. We salute these artists and urge you to listen to their music at least once during this lockdown phase. They are easily available on the YouTube.

Let’s match these maestros with their musical instruments.

Pandit Ravi Shankar  Shehnai
Pt. Hariprasad Chaurasia  Tabla
Ustad Bismilla Khan  Santoor
Pt. Shivkumar Sharma  Flutes
Asad Ali Khan  Sitar
Ustad Zakir Hussain  Rudra Veena

Answers on page 18
Sudoku

Fill in the grid so that every horizontal row, every vertical column and every 3*3 box contains digits 1-9, without repeating the numbers in the same row, column or box. You can’t change the numbers given in the grid. Every puzzle has one solution.

Unscramble

Unscramble these to form words of objects that we usually need while going to school. We have done one for you.

NUCLHB OX  LUNCH BOX
INFORUM  ..................
BOOTEXTSK  ..................
CLIPEN  ..................
SEARER  ..................
TENTIDIY DRAC  ..................

Let’s Colour
Alphabet Square

Given here is an alphabet which appears in a five-letter word. The alphabet moves its position one step ahead in every word. We have given you the clues to these words. Last month we used the alphabet A, this time let’s take B. Can you find the right words?

B _ _ _ _
_ B _ _ _
_ _ B _ _
_ _ _ B _
_ _ _ _ B

1. Used for sweeping our homes
2. Another word for overhead, opposite of below
3. The entrance space in a large building
4. A practice or interest that we follow to amuse ourselves
5. The rhythmic thumping of our heart

Scratch Your Head

1. There are a few trees in a garden. Among them, the mango tree has mangoes (obviously). But after a strong wind blew, there were neither mangoes on the tree nor on the ground. How come?

2. A basket contains 5 oranges. How will you divide them among 5 children so that each one has an orange and one orange still stays in the basket?

Join the dots and decorate the picture

Tongue Twisters

Did you know, in earlier times tongue twisters were used as a tool to improve speech, pronunciation and to get rid of stammering. Plus, it amuses you. Try these tongue twisters, how fast can you say these?

• I wish to wish the wish you wish to wish, but if you wish the wish which the witch wishes, I won’t wish the wish you wish to wish.
• Double bubble gum, bubbles double.
• Shy silly Shelly says she shall sew the sheets.
• Old oily Ollie oils old oily autos.
Aisha Agarwal
Std 5, Sanskriti School, Wagholi, Pune

Ananya Birhade
Std 1, Sanskriti School, Wagholi, Pune

Nila Thangavisam
Std 2, Sanskriti School, Wagholi, Pune

Aryan Gore
Sr. KG
Sindphana Public School Majalgaon, Beed

Kaasini
Std 4, Kendriya Vidyalaya Chennai

Jivika Mattoo
Std 3, Sanskriti School, Bhukum, Pune

Krutika Shetty
Std 1, Dr. Shamrao Kalmadi Highschool Baner, Pune

Mishti Shah
Std 6, Lilavattibai Podar High School, Mumbai

Meghna Pandey
Std 4, Jaunsar Public School, Chakrata, Dehradun

Myra Raina
Std 3, Sanskriti School Bhukum, Pune

Saharsh Nair
Std 1, Sanskriti School, Wagholi, Pune

Tanvi Yerramilli
Std 3, Niraj International Hyderabad
Climate Change

In the rocky mountains, climate change has raised summer temperatures by 0.75 F each decade over the last 30 years. Snows are melting 3-5 days earlier in spring. Wildflowers bloom several days earlier, with peak flowering also occurring earlier. No one knows what this might be for pollinators.

Scientists believe that climate change is occurring so rapidly, for most animals to outrun it seems not just difficult but next to impossible. Even if they are able to migrate northern-ward, they could face stiff competition for food and territories and face unprecedented interactions with species they have never encountered before.

Research has shown that even a small reduction in carbon emissions can make a huge impact to our environment in the way of:

- Greenhouse gas emissions
- Energy consumption
- Fossil fuel reliance
- Air, noise and water pollution
- Paper and plastic waste

Even if we work two days from home, the positive impacts and effects can add up to huge benefits to Mother Earth, as amply proved in the current pandemic. The COVID-19 offers us some ray of hope on how to take better care of OUR EARTH by making sure of the 3R's - REDUCE, REUSE AND RECYCLE in our everyday consumer habits and most importantly RESPECT OUR MOTHER EARTH

By Aniruddha Iyer Bali
Std 3,
The Shriram School,
Aravali

Beautiful Earth

The window was gleaming with drops of rain, People were strolling with umbrellas in hand; The train in the distance cut through the fog, And was off to the green piece of the land.

Dripping wet and shivering with cold, I sat in the seat next to a little girl; She was staring at the big field of wheat, As we were enroute to the land of pearl.

The train gyrated through the marshy hills, The trees glowed with the morning mist; I took out the wet piece of paper, And looked at the long messy list.

A gust of wind took my list away, I looked out to find the hills gone; We had reached the land of pearl, The sun, I saw, now brightly shone.

By Shloka Gupta
Std 8,
Kennedy High - The Global School,
Hyderabad

The Crazy Monday Morning!

It was a crazy Monday morning, I started dreaming about gaming. I stood up stretching and yawning, When I noticed my mobile missing. Where’s my mobile? Where’s my mobile??

I chimed, ‘Mobile! Mobile! I am searching for you’, I heard a voice just then out of the blue. It said “I will give you a clue, I am in a coat which is blue” Astounded, I walked closer to the sound; My ringing mobile, there I found. Was it really my mobile talking? I still don’t know the secret of the crazy Monday morning.

By Arnav Mahajan
Std 7
Birla Open Minds International School, Hyderabad

By

It's My Paper : July 2020 / 14
A Forest Journey

Once upon a time, I and my friends went for a forest trip. After sometime, I got separated from my friends. I went deeper in the forest looking for them. It was getting dark and I was too hungry. Somewhere I heard voices. Oh! those were tribal people. I went there asking for some help but they were not understanding my language. I started to express myself through hand gestures. They understood and give me some raw fruits and vegetables to eat. After some rest I started looking for my friends again. I didn't find them but, I was out of the forest.

Since inside the forest there was no network to contact them, I could connect with them once outside. They told me where they were and I followed the directions to them but when I reached there, another of my friend was lost. We searched for her till evening but we didn’t find her. We approached a police station in the town. Soon, the Police team found her but she was unconscious. We took her to the hospital where they gave her a good treatment. Soon she became perfectly healthy and we all went home. When we reached our homes and shared this incident with our families, they scolded us and told us to not to do so again. From this incident, I have learnt that for such trips, we should have one adult with us and we should stay together.

By Akshita Agrawal
Std 7, Gyanodaya International School, Neemuch, MP

Trip to Rajmachi with Fireflies

One day my parents decided to go for the trip to Rajmachi, one of the many historical forts. I was very excited. On the day of the trip, we started our journey by car early morning and reached the base of a village. Ah!! Finally, our trek started. It was a long trek of 7 km. While walking, I saw many beautiful birds and plants.

After a walk of two and half hours through the dense forest, we reached the foothill of the Fort. It was almost dark. We were very tired and hungry. We took rest in hut. The owner of the hut showed us his village. The people in the village lived a simple life. It was new to me. The owner prepared delicious homemade food for us. Wow!! What yummy food it was. There I met a Cheshire cat which became my very good friend for my whole trip.

At night, one interesting surprise was waiting for me. Our hut owner took us on a walk in the nearby forest where I saw thousands of lights twinkling on trees. I was amazed to see that. Wow!! I had never seen such beautiful scene in my life. My parents told me that these are Fireflies which emit light in the dark. It was so nice. The tree was full of shining Fireflies. I could not resist myself to watch them again and again. The whole night we spent in a tent in front of the trees, watching them heartily.

Next morning, we started climbing the actual Fort Rajmachi. It was a tough trek for me. To make it more difficult, it started raining. Though I fell a few times while trekking, I finished and enjoyed the whole trek by enjoying the fresh air and greenery around. I am excited to plan my next adventure.

By Manasvi Gothekar
Std 2, Sanskriti School, Bhukum, Pune
Sudha Murthy was born on 19th August 1950 in Shigaon, Karnataka. She has been a trail blazer from the very beginning. In 1968 when many girls didn’t opt for engineering, she was the only girl among 599 boys in the BVB College of Engineering & Technology, Hubli and was awarded a gold medal for securing first position amongst all the universities in Karnataka. She further completed her M.E in Computer Science in 1974 and there too she stood first and received a gold medal.

She is the first woman engineer to be selected in JRD Tata’s TELCO which is now famous as Tata Motors. In a male dominating society at that time she faced several difficulties in pursuing her goals but due to the relentless support by her parents and her eagerness to progress she was able to fulfil her dreams. She was the angel investor behind one of India’s largest entrepreneurial success story; Infosys. She supported her husband, Mr. Narayan Murthy and it was her savings of 10,000 rupees that was instrumental in shaping Infosys.

Social Commitments & Philanthropic Activities
Sudha Murthy is the chairperson of Infosys Foundation and a member of Public Health Care Initiatives of the Gates Foundation. She has been credited for single-handedly promoting the move towards corporate social responsibility. Her philanthropic activities include empowering women, spreading awareness of rural education, public hygiene, poverty alleviation and much more. She believes in maintaining a clean India and has been instrumental in building 13,000 public toilets. She has worked for over a decade to change the lives of children in the heart of rural Karnataka by giving them access to food and education. She aims to provide the government aided schools with computer education and library facilities and has set up 60,000 libraries across Karnataka. Not only this, she has been passionately helping people in flood affected areas too. Apart from all her social works, she even taught Computer Science.

The Author
Sudha Murthy is an eminent writer in English and Kannada who perfectly describes human emotions and behaviour in her writings. Her writings mostly comprise of stories of common people and their uncommon struggles, deeds and thoughts which give you lessons for a life time. I enjoy reading her books because I can read it without referring to a dictionary and every story has a strong moral behind it. She has written some wonderful stories for children and adults too. Her insights on deities worshipped in Hinduism is well captured through her mythological books.

Some of her must read books are:
- Serpent’s Revenge
- The Bird with Golden Wings
- The Day I Stopped Drinking Milk
- Wise and Otherwise
- The Old Man and His God

One of her famous books, “How I taught my grandmother to read and other stories” is translated into 15 other languages. It reflects her childhood association with her paternal grandparents.

I really admire Sudha Murthy Ma’am for her ideologies. She believes it’s very important to have good values. Her writings truly motivate you to work towards building yourself into a better human being.

By Reet Mehta
Std 5, Rajmata Krishna Kumari Girls Public School, Jodhpur
Once when the people of Vrindavan were planning for the puja of Lord Indra, Krishna a child then, asks them as to why they were doing so. His father Nanda, who is the chieftain of the village explains that that this was done every year to please Lord Indra so that he blesses the people of the village by providing good rain. But Krishna argues they should do their duty by concentrating on farming and protecting their cattle. “Rain is a natural phenomenon, so why waste energy in performing pujas? Instead we should pray to the Govardhan hill that gives our cattle abundant grass and stops the clouds to allow rainfall.” Convinced by Krishna, the villagers cancel their plan of performing the puja.

This infuriates Indra, the king of gods. In anger he decides to punish the villagers by sending thunderous rain clouds to flood the land of Vrindavan. Torrents of rain and thunderstorms lash Vrindavan and cause floods that threaten to destroy the livelihood of the people. Frightened, the villagers approach Krishna for help. Krishna, who understands the situation just smiles. With a single stroke of his hand, he lifts the entire Govardhan Hill and balances it on his little finger like an umbrella.

One by one all the inhabitants of Vrindavan, along with their families and cattle take shelter under huge Govardhan Hill. The rains keep pouring mercilessly for seven days but Krishna holds the hill on his finger with ease. Everyone shares food and water with each other under this shelter.

Stunned by this event, Indra realises his mistake of being obsessed with his own pride. He makes the rains stop and bows before Krishna, humbled. Once the storm stops, people return to their homes and praise Krishna for his divine intervention. Thus, he became known as Govardhandhari or Giridhari.
The word hippopotamus comes from a word that means ‘River Horse’. But hippos aren’t related to horses. They are actually related to pigs. Hippos are the second heaviest animals on land, the other heavier animal is the elephant. A hippo can eat up to 50 kilos of grass a day, and also enjoys feasting on potatoes, turnips. A hippo’s ears, eyes and nose are on top of its head. That helps the hippo to hear, see and breathe even when most of its body is under the water. Staying inside the water keeps the hippo cool. Hippos give birth to their babies under the water.

**Answers**

**Science Quiz**
1. Thermometer
2. Ammeter
3. Galvanometer
4. Barometer
5. Chronometer
6. Dynamometer
7. Rain gauge
8. Sphygmomanometer
9. Saccharimeter
10. A Magnetic Compass

**Health Quiz**

| Vitamin A | Carrots, sweet potatoes, lettuce |
| Vitamin B | Whole grains, chicken, eggs and fish |
| Vitamin C | Papaya, citrus fruits, strawberries, tomatoes |
| Vitamin D | Sunshine, cheese, soy milk, fish |

**Vitamin E**
Almonds, peanuts, hazelnuts, green leafy vegetables

**Vitamin K**
Cabbage, cauliflower, prunes, kiwi

**Calcium**
Milk, cheese, curd, fox nuts (makhana)

**Pulses**
Fibre + vitamins A, B, C and E + minerals like calcium, iron, potassium and zinc.

**Alphabet Square**

**Environment Quiz**
1. The Blue Whale. The longest confirmed animal was 33.58 meters (110.17 ft) in length and the heaviest was 190 tonnes.
2. The cheetah. It has a recorded speed of between 109.4 km/h and 120.7 km/h.
3. The Peregrine falcon is known to soar great height and then dive steeply at speeds of over 320 km/h.
4. Nocturnal animals
5. The Bee hummingbird of Cuba and the Isle of Youth measures just 57 millimetres (2.24 inches) in total length and weighs only 1.6 grams
6. The owl
7. Eight. These are not tentacles but arms or limbs
8. Chihuahuas are the smallest dog breed in the world
9. A Butterfly
10. Amphibians

**Musical Quiz**

| Pandit Ravi Shankar: Sitar |
| Pandit Hariprasad Chaurasia: Flutes |
| Ustad Bismilla Khan: Shehnai |
| Ustad Zakir Hussain: Tabla |
| Pandit Shivkumar Sharma: Santoor |
| Asad Ali Khan: Rudra Veena |

**Sudoku:**

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**Unscramble**

| UNIFORM |
| TEXTBOOKS |
| PENCIL |
| ERASER |
| IDENTITY CARD |

**The Avengers Quiz**

1. Vibranium
2. Stormbreaker
3. Gamma radiation
4. Gamora and Nebula
5. Spiderman
6. Tony Stark
7. Wakanda
8. Six
9. Russia
10. New York

**Scratch your Head**

1. Actually, there were 2 mangoes on the tree. After the wind blew, one mango fell on the ground. So there were no mangoes on the tree and there were no mangoes on the ground, but there was ‘a mango’ on the tree and ‘a mango’ on the ground.

2. Simple, 4 children get an orange each and the fifth child gets an orange with the basket. Thus, the basket will still contain the orange and all of them get a fruit each.
Rohan is missing his best friend Sameer who has moved to a new city.

It's Sameer's birthday next month and Rohan wants to send him a gift. He reads the 'Gift a Subscription' option in My Paper.

Rohan asks his mom to call the My Paper office and know the procedure for gifting.

His mom talks to My Paper and sends the subscription money to My Paper's account. She then messages Sameer's address to My Paper.

Sameer receives his first copy of My Paper as a gift from Rohan. He is thrilled!!! He calls Rohan to thank him for this gift which he will receive every month for a year.

Rohan is happy that Sameer too can enjoy reading his very own newspaper, My Paper!
Juneteenth is actually a contraction of June the nineteenth, to commemorate the day in 1865 on which over 250,000 people in Texas found out they had been freed from slavery in the United States. In 1860 and 1861, several Southern states separated from the United States. This started the American Civil War. The Southern Confederacy wanted to maintain slavery, while the Northern Union wanted to end it.

The Civil War ended in April 1865 with the Northern Union winning it. But still many enslaved people in the South had not been told of President Lincoln’s proclamation of ending slavery. On June 19, Union soldiers told crowds in Galveston, Texas, that the state’s 250,000 enslaved people were free. They were among the last to find out. This day became known as Juneteenth, sometimes called Emancipation Day, or Freedom Day. Over the years, as Black people from Galveston moved to different cities, the celebration spread.

Juneteenth has been celebrated in a variety of ways. Usually, there are community gatherings, cookouts, and festivals. There are parades and pageants too! Texas became the first state to make Juneteenth a state holiday in 1980. Now, at least 45 out of 50 states, plus Washington D.C., recognize Juneteenth.

Hotel for One

That’s right! Following strict social distancing during the Covid lockdown, a restaurant in Sweden has opened to serve just one customer at a time. How, you ask? Well, the idea is simple. A single table, a single chair, out in the middle of a field and instead of waiters, the food is delivered straight from the kitchen by a basket attached to a rope.

The restaurant, named Bord för En (Table for One) opened on May 10th, and will stay open until August 1. The owners Rasmus Persson and Linda Karlsson came up with the idea when they were invited for lunch at Karlsson’s parents’ home. Persson himself a former chef, made lunch and served it to his in-laws through a window to a nicely set table outside in the open so that there is no physical contact. That is when the idea struck him and they soon got busy to serve one customer at a time. Lonely isn’t it?