ISSUE 13
APRIL 15, 2020

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THE MAGAZINE



Why do we have eyebrows ?



The secret of weaving invisible fabric



How was clothing discovered?

fun facts about butterflies

FOLKTALE



Tenali Raman: The Secret of Weaving Invisible Fabric

A woman came to the court of King Krishna Deva Raya one morning. After the formal greetings, she took out a small box. From it, she took out the most delicate sari that would hardly cover the tip of a finger!

After showing the sari to the royal court attendants, she addressed the king, "Oh great king! I have a group of very talented weavers who know the secret of weaving this beautiful, most delicate and thinnest celestial fabric which cannot be seen by the naked eye."

She continued, "With your blessings and financial support, these weavers can work wonders and exhibit before the honorable king!"

The king was impressed by the exhibit and believed her. After allotting the funds, the king asked the lady to get the work done with thorough research in one year.

The lady and the workers lived in the royal guest house and enjoyed the royal treatment extended by the king. However, even after one year there was no news of the research nor was any fabric shown.

When the inspectors checked on the weavers, they seemed to be working very seriously.



However, there were no looms or thread spools in the room. All the weavers sitting in the room seemed to be pretending to draw out the thread and weave. The lady smirked and said, "The invisible or celestial fabric is only seen by the pure-hearted along with the purity of their parents. I am very sure that you can see the intricacy of the fabric and the details of the design created by our weavers!"

Fearing that they would be mocked, the inspectors decided to act as if they could see the fabric. They even appreciated the delicacy and beauty of the work done. They conveyed that the weavers were hard at work to the king.

After few days, the king ordered his men to bring the weavers to his packed court along with the finished product.

The king, accompanied by Tenali Raman, entered the court to witness the exhibition. The weavers again repeated the same warning. The King exclaimed, "Tenali! I am afraid I only see the empty hands of those weavers! I wonder whether it is a result of my heart's impurity or that of my parents'!"

Tenali replied, "My lord! There is nothing visible except thin air! These weavers are cheating us!"

Instantly, Tenali devised a plan. He turned towards the lady and asked, "The king is eager to be wear this fabric in front of the kingdom!"

The lady was now aware that Tenali had uncovered her deceitful plan. She could not risk humiliating the king and she fell on the king's feet and begged for pardon.

Once again, Tenali and his quick wit had saved the day.

find one picture without a copy



Human Brain

Brain contains about **100 Billion** nerve cells and **Millions** of nerve fibers.

Brain survives for **4-6minutes** without oxygen before it starts to die

Total **length** of **blood vessels** present in the **human brain** is **100,000 miles**

Brain generates **10 to 23 watts** of **power** when awake that's enough to turn on a light bulb!

Ever wonder why you **don't laugh** when you tickle yourself, cause the **brain knows** you are **tickling yourself**

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How we see colors

THE PHYSICS OF IT

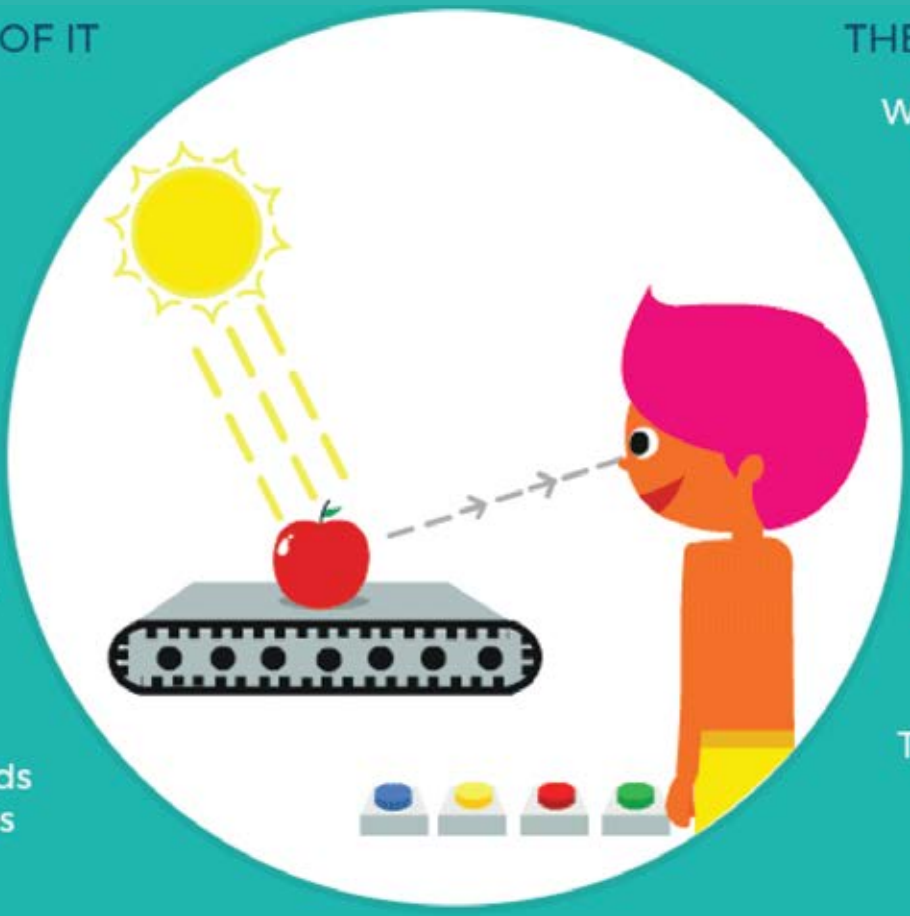
Sunlight falls on an object.

Some of it is absorbed.

The rest of it is reflected.

The reflected light is the color we see

The wavelength reflected depends on the properties of the object



THE BIOLOGY OF IT

We see colors due to the fovea centralis

The fovea centralis has cones & rods

Cones and rods react to light

They relay this signal to the brain via optical nerves

The brain processes the info and tells us what color we are seeing

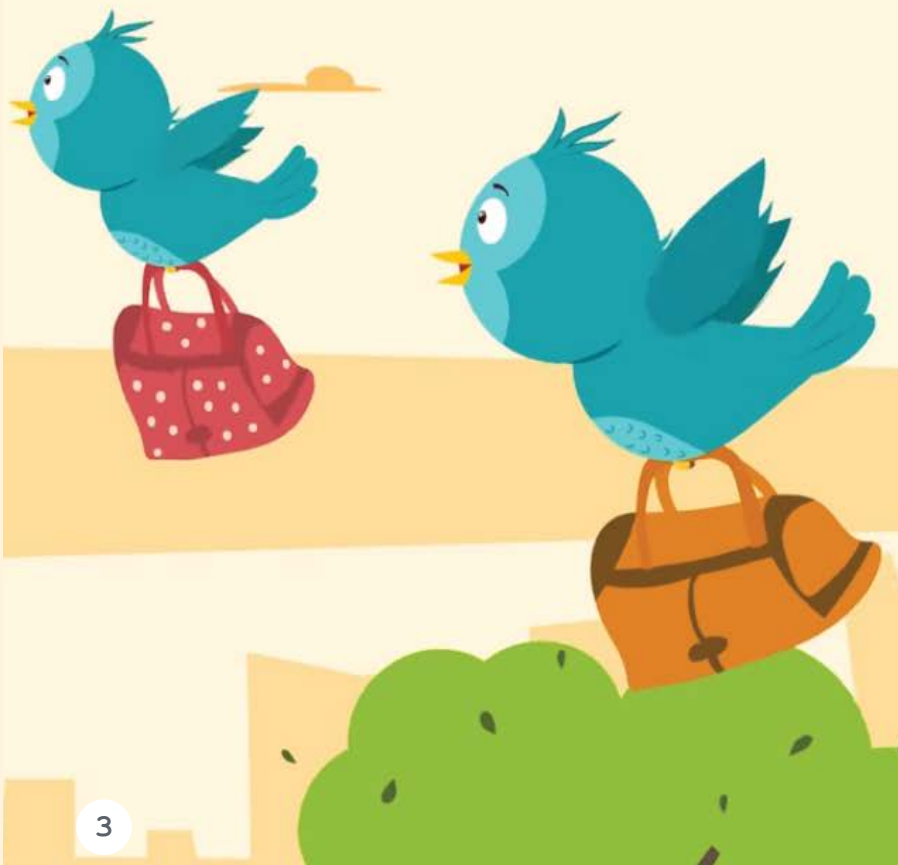
How do birds find their way home?

Did you know that almost 40% of the species of birds in the world practice migration on a regular basis?

A migratory bird does not have a map it can use to find its way nor can it stop and ask for directions.

Birds are able to use the sun in order to have a sense of the time of the day and even nocturnal birds use the setting sun to guide themselves. Since nocturnal birds do not have the option of the sun as a reference through the night, they instead use the stars to guide themselves. Certain birds also have a trace amount of the mineral 'magnetite' in their beaks. Magnetite works like a bird's compass, aligning itself with Earth's magnetic field to help them gauge the direction of Earth's magnetic poles.

Birds also use familiar landmarks to help navigate themselves – such as mountain peaks, valleys, rivers and roads.



Casa and Asa

Discoveries and Inventions



When were clothes invented?

The first evidence of clothes has been found to be used 100,000 years ago.

Neanderthals used to tan animal skins to clothe themselves. They used to tan buckskin, fur and inner hides by painstakingly scrapping it off and soaking it. They then wrung, stretched and hung it to dry and smoked it to make it waterproof. But lack of stitching tools such as needles caused them to either drape the clothes or tie it, which was not always comfortable or convenient.

It was only 30,000 years ago that simple needles were created out of animal bone which helped the early humans to sew leather and fur garments. This was the first step in early man making clothes which would last longer and be more comfortable.

Fun With Words



Take out a pen and paper and make as many words as you can with the letters in the grid.

Y	R	P	I
A	L	E	Z
C	I	E	S
O	S	T	P

Do You Know
Why Do We Have Eyebrows?

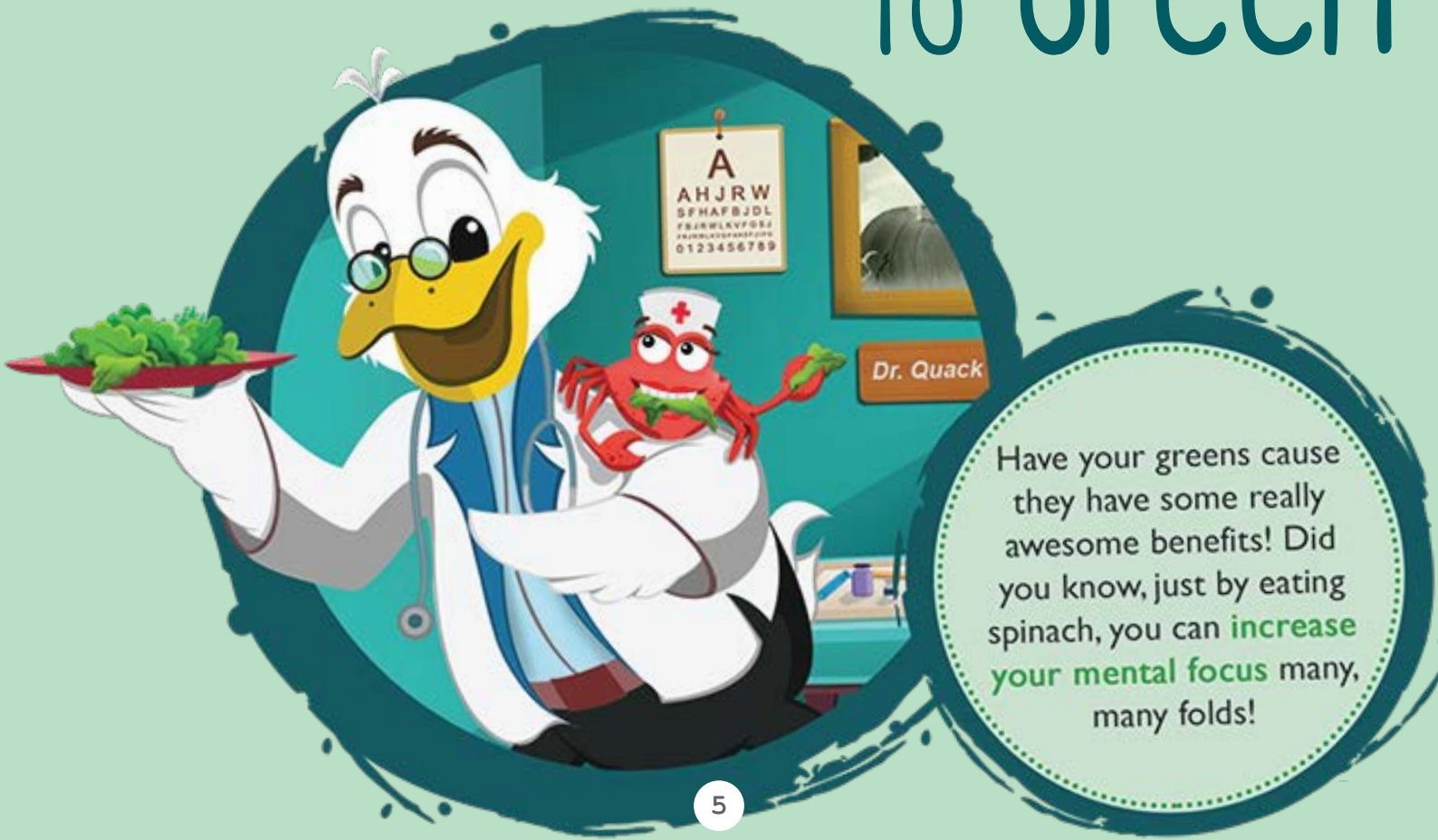
What are eyebrows for?
The eyebrows are arch shaped as this shape helps divert the rain or sweat around the sides of our faces, thus preventing it from falling in our eyes. So without eyebrows this would not be possible as sweat or rain would directly enter our eyes and hamper our vision. The salt in the sweat, if it enters the eye, would irritate and make the eyes sting.

Eyebrows are also used for non-verbal communictions.

What if we didn't have eyebrows?
Scientists say that if we did not have eyebrows something else would have evolved in its place; like thicker eyelashes, to help man keep moisture away from the eyes. Thus eyebrows play a very important part in our body.



Don't Be Mean To Green



Have your greens cause they have some really awesome benefits! Did you know, just by eating spinach, you can increase your mental focus many, many folds!

spot ten differences





Wordling
A MAGNIFICENT VISUAL DICTIONARY

(Samoan)

FAAMITI

[fah-mih-tee]

To make a squeaking sound by sucking air past the lips in order to gain the attention of a dog or child.

One day I was sitting at home to babysit the dog as my parents had gone out for dinner. I was preparing my meal and sitting down to watch some television with the dog when I heard something strange. There were scratching noises come from my room. My dog stood up and began to bark, his hair standing on end...



complete the story...

amusing news

MEET VENUS

The Reporters Say

Venus is the twin sister of planet Earth, as scientists had found that the two planets are similar in size, mass, density, composition and gravity.

More News

In spite of these similarities, you wouldn't want to live here because temperatures in Venus can reach 870 degrees Fahrenheit! So you can cook a pizza on Venus's surface in approximately 7 seconds, but you might just get crushed in its atmosphere!



Edo

a comic story

mission money collection

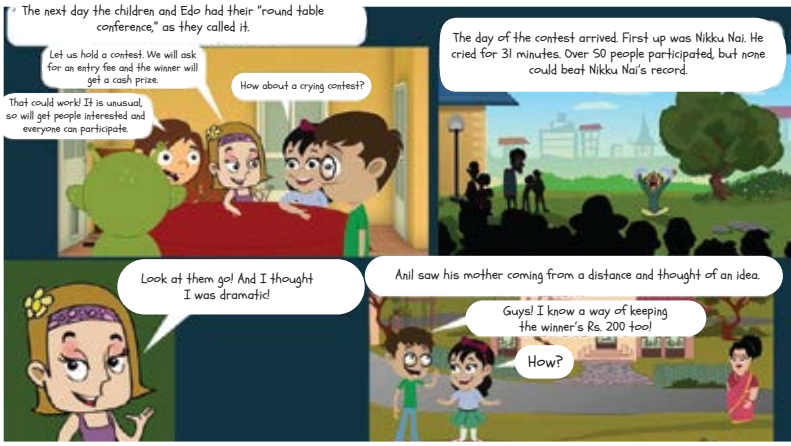


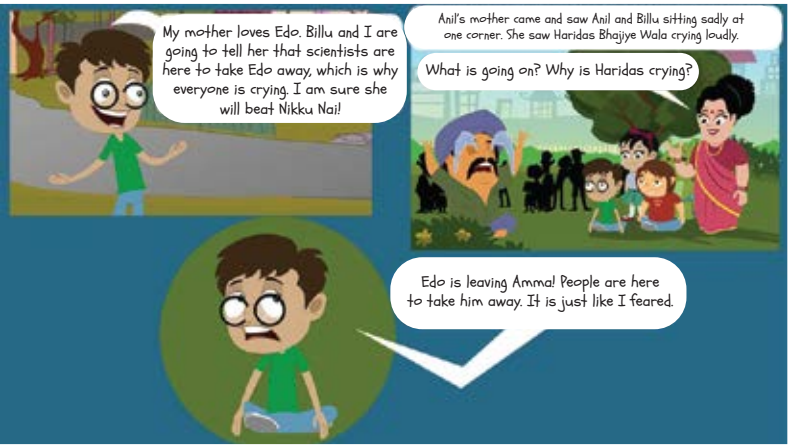




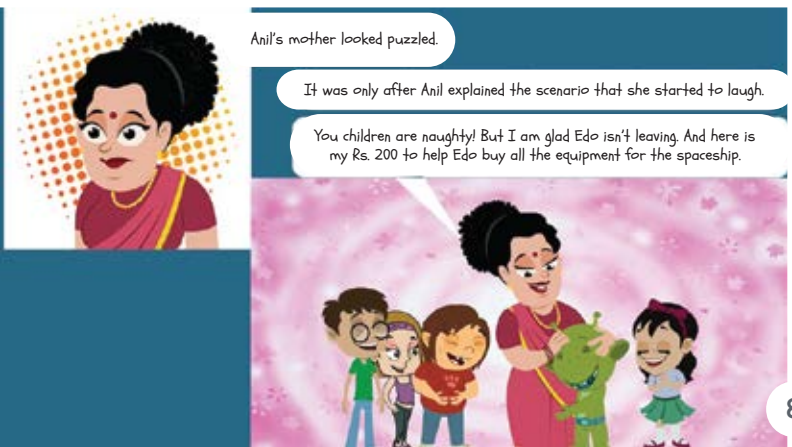














Tickle your funny bone

Q: Why did he throw the butter out the window?
A: He wanted to see the butterfly.

Q: What do moths study in school?
A: Mothematics!

Q: Why couldnt the butterfly go to the Chistmas ball?
A: It was a moth ball!



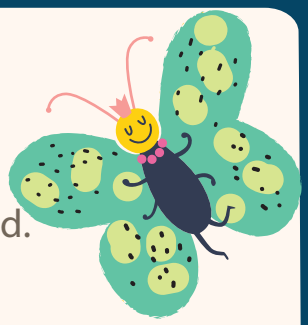


fun facts

With Hamlet the Hamster

To know or not to know, that is the question!
Well, wouldn't you prefer to know?

Facts About Butterflies



- A butterfly's wings are transparent.
- Antarctica is the only continent where no butteflies have been found.
- Butterflies taste with their feet.
- An adult butterfly only lives for 3 to 4 weeks at an average.
- They have their skeletons on the outside of their bodies, called the exoskeleton.
- Skipper, the fastest butterfly, can fly at 60 kilometres per hour.

tree grows.

find the same two pictures



mocomi timepass is a mini magazine available daily for children!
Packed full of stories, puzzles and fun facts.. there's a little bit of fun for everyone!

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for advait and vedant