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STUDENTS IN BANGLADESH PROTEST FOR A BETTER FUTURE



"Verum, your nose is always buried in your crystal ball," Scorch complained. "Come outside," she begged her friend. She turned to Orak for help. But Orak had his nose buried in a book!

"Scorchie, did you know that university students in Bangladesh are protesting against their government? The students began their peaceful protest in July," Verum said. "Bangladesh is a country in Asia. It is home to more than 17 crore people. It is India's neighbouring country."

What is a protest?

A protest is when many people come together to show that they do not like something that is happening around them. It is also a way people put forth their demands. People can protest in many different ways. They can sing songs, chant slogans, or even march on the streets.



"Why are the students protesting, Verum?" Felix asked. He had just returned from his garden.

"The university students are unhappy because they do not have jobs. There was a rule in Bangladesh which set aside government jobs for the relatives of soldiers who fought in Bangladesh's independence war. But the students found this rule unfair. It meant fewer jobs for people who weren't related to soldiers who fought in the war. Therefore, the students marched out on the streets and asked the government to abolish this rule," Verum replied.

Scorch listened carefully to Verum. Orak had placed his book aside. He was also listening to Verum.

"Did the government meet the students' demands?" Orak asked.

MYSTICLAND

Verum nodded, "They did. The government abolished the rule. But by then, the protest had grown a lot. All the citizens of the country joined the protest. You see, the people of Bangladesh were tired of the government not listening to them. And it became a protest against the government itself!"

Protests

can become violent.

But protests can also be peaceful.

Peaceful protests help pass on our demands in a better way. Find a peaceful protest that happened in the world and tell us about it!

"What happened next?" Felix was curious.

"Bangladeshi Prime Minister Sheikh Hasina was worried about her safety. On 5 August, she resigned as the prime minister and fled to India," Verum said.

Orak gasped. "Who's leading Bangladesh now?" he asked worriedly.

"The president, military, and student leaders have chosen a temporary leader. They have asked Muhammad Yunus to lead the country. Yunus is a Bangladeshi banker and economist. He is very famous for creating a bank to help poor people get loans easily. Yunus was awarded the Nobel Peace Prize in 2006," Verum answered.

"What are the people of Bangladesh feeling? They must be worried about their country," Scorch said.

"They are worried. But also hopeful for a better future, Scorch. Together, they are going to rebuild the nation!" Verum smiled.



QUIZ TIME

WHO FLED BANGLADESH DURING THE PROTEST?

WHO IS THE TEMPORARY LEADER OF BANGLADESH?

WHY IS THE SUN SO ACTIVE RIGHT NOW?



Orak wore his solar glasses and announced, "I am ready to study the Sun." Verum, Scorch, and Felix took one look at Orak's glasses and burst out laughing. The glasses were too big for his face!

Verum tried to stifle her laugh. She asked, "Why are you studying the Sun with these funny-looking glasses, Orak?" Orak was annoyed at his friends for laughing at him. He decided he would not talk to them. But after being poked and nudged by his friends, he gave in.

"Mysticals, do you remember the northern and southern lights humans saw in May? It was one of the brightest displays of lights in over 20 years. Do you know why the lights were so bright? It's because of solar activity. And let me tell you, the Sun is very active right now!" Orak said with excitement.

"What do you mean?" Scorch was confused.

Orak answered, "The Sun is a star. It gives us heat and light every day. It seems the same to us. But it goes through a lot of changes. The Sun has a lot of activity on its surface. It has something called a solar cycle. This cycle lasts 11 years. It means for 11 years, the Sun's surface is calm. And for the next 11 years, it becomes more active.

The Sun has spots on its surface called the sunspots. They look like dark spots because they are cooler than the rest of the Sun. When there are more sunspots, it means that the Sun is more active. Sunspots release flares of energy called the solar flares. These flares reach Earth and make the northern and southern lights much brighter!"

"So, we are in the cycle where the Sun will be active for 11 years?" Scorch asked.

Orak nodded, "Right now, we are in the 25th solar cycle. This cycle started in 2019 and it will end in 2030."

"But Orak, what causes the solar cycle?" Felix had an important question.

Orak shrugged and said, "The Sun's cycle is one of the most bizarre phenomena in our solar system. No one knows what causes it. Scientists started counting the solar cycle in 1755."

"Maybe we should all get solar glasses and study the Sun with you, Orak," Verum suggested. Orak smiled brightly. He immediately summoned large solar glasses for his friends.





MEET THE DINOSAUR WITH GREEN BONES

Do you wonder what colour dinosaurs are? One dinosaur going on display in the Natural History Museum of the United States of America (USA) has green bones. It is the only green-boned dinosaur ever found! The dinosaur, named Gnatalie (pronounced as Natalie), was 75 feet long. It walked on Earth 150 million years ago. It loved eating plants. A mineral named celadonite gives this dinosaur's bones its green colour.

ARCHAEOLOGY GOES TO SPACE

Archaeology is the study of human activity in the distant past. But now this study has gone where no archaeologist has been before ... to space! Archaeologists wanted to see how astronauts on the International Space Station (ISS) use the space around them. They studied the pictures of the ISS. They found that even if an area had been designed for another purpose, astronauts use it to store things. The study concluded that the astronauts need more storage space. The ISS is a large spacecraft in space that goes around the Earth. Many astronauts live and perform experiments on the ISS.



ACHIEVEMENTS:

Young Asima Chatterjee wanted to grow up and become a scientist who studied plants. The idea that some plants had special properties to heal humans excited her. She wanted to learn more and more about plants around the world. During her time, girls weren't encouraged to go to school or university. But young Asima was determined to make her dream come true. She was a studious and hardworking student. She went to school, college, and then university to study organic chemistry. Organic chemistry is the field that studies plants' medicinal properties. Chatterjee played an important role in the field of medicine. She made medicines from plants. She helped make medicines that treat malaria, a dangerous disease. Her amazing work inspired many other women to become scientists!



ONE TINY MISTAKE THAT CRASHED BUSINESSES!



Scorch was worried. Something was wrong with her Mysty Scribbly board. It had a blue screen and nothing was working. "Verum, check your crystal ball to see if the world is under a cyber attack," Orak instructed. But Verum found nothing. Everything was fine. It was just a simple malfunction.

"Okay ... what was all that about?" asked Scorch.

"On 19 July 2024, something happened that made the world stop short. I was afraid it had happened again," said Orak. "CrowdStrike is a company that makes software to keep computers safe from hackers and other online dangers. They have a special tool called Falcon that many businesses use to protect their important computer systems. On 19 July, something went wrong when CrowdStrike tried to update Falcon. This caused a lot of computers around the world to crash and show a blue screen. This screen is known as the 'Blue Screen of Death' because it means the computer has a serious problem."

"This blue screen on your Mysty Scribbly board had Orak worried," chimed Verum.

Orak nodded and continued. "Even though only a small number of all the Windows computers were affected, the crash had a huge impact because it happened to computers that do really important jobs. Imagine if you were on a plane and the computer that helps the pilot suddenly stopped working—that's what happened to many airlines. They had to cancel and delay thousands of flights. Public transportation, like buses and trains in big cities, also stopped working, making it hard for people to get around.

Hospitals and clinics were also hit hard. Doctors and nurses use computers to keep track of appointments and patient information. When the computers crashed, it became tough to see patients on time. The crash also made it harder for people in danger to get help quickly.

Banks and financial services were disrupted, too. Some people couldn't access their money or get their pay cheque on time because the computers that handled these transactions weren't working."

"That sounds really scary. Were they able to fix this?" asked Felix as he joined them.

"Yes. CrowdStrike realised their mistake quickly and fixed the problem in about 80 minutes. However, the fix didn't instantly solve everything. People who take care of the computers had to work very hard to manually restart them and delete the bad update. For some businesses, this was easy. But for others with many computers or extra security, it took a lot longer. It might take months for all businesses to completely recover from this problem."

"I hope the businesses recover soon," said Scorch. She took the Mysty Scribbly board from Orak who had fixed it for her.



ATO ZOF



FOR FIXED COSTS

"All businesses incur costs. These costs are divided into fixed and variable costs. We need to understand our fixed costs to run the Jelly Bally candy pop-up shop," said Scorch. She was standing next to a board with a marker in her hand. The Mysticals were going to put up a stall for their new invention- Jelly Bally candy. This magical candy had the potential to become a big business.

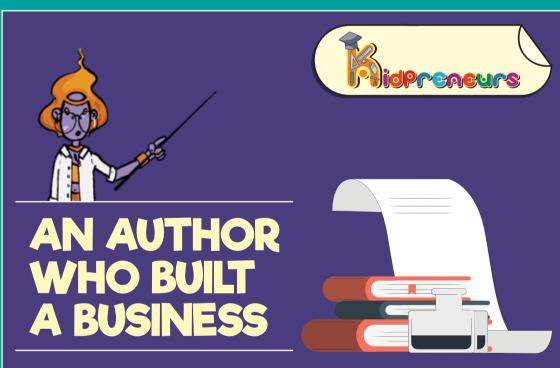
"Fixed costs in a business are like the regular bills your family has to pay every month, no matter what. They are costs we have to cover just to keep things running, even before we start making any money from sales," she said. "For this pop-up shop, we need to pay for the space, table, large signs, and our t-shirts. These are examples of fixed costs that we have to pay whether we sell one Jelly Bally or 100."

"Are there other costs?" asked Felix, taking notes.

"Yes. There are variable costs. They change depending on how many candies we make and sell. But fixed costs stay the same no matter what. A good business will have all its fixed costs listed and regularly monitored to ensure they do not increase too much."



Would you like to become an author like Henry Patterson? Just like Sherb and Pip, what adventures do you think an ant and elephant would have? Write a short story. The Mysticals would love to read it!



Henry Patterson is a young author who started writing books when he was only nine years old! He became famous for his series called *The Adventures of Sherb and Pip*. The stories are about two brave friends, Sherb the Snail and Pip the Mouse. The two go on exciting adventures together. Henry's books are filled with fun, action, and lots of imagination, making them a favourite for kids who love to read.

What's really cool about Henry is that he didn't wait to grow up to become an author. He would always come up with fun stories in his head. Instead of just keeping those ideas to himself, he wrote them down and shared them with the world. His first book was published when he was still in elementary school, which is an amazing achievement! He sold thousands of books. In the same year, he started his lifestyle brand- Not Before Tea. It is an online shop which sells bags, soft toys, nursery décor, and children's books.

Henry's success shows that you don't have to be a grown-up to do big things. If you have a dream, like writing a book or starting a project, you can start working on it now, just like Henry did!

UNITED KINGDOM IS TURNING E-WASTE INTO GOLD



"It is Scorchie's birthday next week. Let's buy a gold bracelet for her," Verum whispered to Felix, ensuring Scorch did not hear her.

"Great idea!" Felix exclaimed quietly. "And because Scorch is an **advocate** for sustainability, let us go to Wales in the United Kingdom (UK) to get recycled gold."

"What is happening in the UK?" Verum wondered.

"The Royal Mint - the company that makes the UK's coins - has found a way to turn electronic waste (e-waste) into gold! It has set up a factory in Wales to remove gold from old circuit boards. Circuit boards look like flat biscuits. They are found in mobile phones, laptops, computers, televisions, and other electronic gadgets. They connect the different parts of a gadget and tell them what to do. Circuit boards are made with metals such as gold, copper, aluminium, and so on.

After Norway, the UK is the second biggest e-waste producer in the world. E-waste is harmful to the environment. That is why the Royal Mint is trying to recycle some of it. As of now, it is making shiny gold jewellery from e-waste!

For over a thousand years, the Royal Mint has been the UK's coin maker. However, more people are using mobile phones instead of cash and coins to pay bills. There is less need for new coins now.

But instead of shutting the company down, the Royal Mint is staying busy by turning e-waste into gold. It is a fantastic idea!"

"I am inspired by the Royal Mint's project!" Verum said.

"Me, too," Felix added. "We should also take inspiration from India. Students from the National Institute of Design in Ahmedabad made a giant dragonfly sculpture from circuit boards and wires. Electronic firms like Dell and HP accept old laptops and reuse their parts. Some companies are making bricks from crushed e-waste, reducing the need to produce new construction materials."

"Impressive!" Verum said. "Let's sneak out of the room and grab Orak. He can take us to the UK in his Tempus Machine."

Verum, Felix, and Orak flew to the UK and bought Scorch's birthday gift.





NEW COINS WITH THE UK'S FLORA AND FAUNA ENTER CIRCULATION

King Charles III, the king of the United Kingdom (UK), has designed new coins for his kingdom. They have finally entered circulation, meaning that people have started using them. These new coins have the country's animals such as bees and red squirrels and plants on the tails side of the coin. This shows the king's love of the natural world!

LIFE IN KAZIRANGA GETS DISRUPTED IN ASSAM FLOODS

Recently, Assam was hit with massive floods which affected its famous Kaziranga National Park, too. Seventeen wild animals drowned, including a hog deer and a rhinoceros calf. The rescue teams rescued 72 animals to safety. They are being treated. The officials are working on animal safety measures during floods to prevent such an event from repeating itself.



NEW TYPE OF WOOD DISCOVERED IN TULIP TREES MAY HELP EARTH

Researchers discovered a new type of wood in the tulip trees found in North America and the Chinese tulip trees in China and Vietnam. It is neither hardwood nor softwood. It is called "midwood". This midwood contains large **fibres** which make the tulip tree grow quickly. Larger tulip trees capture and store more carbon dioxide from the air. They help control global warming and keep the Earth cool. This discovery will help scientists find ways to fight climate change.



Ask your parents/guardians what they do with their old gadgets and electronics in the house. Do they recycle them or throw them away? We are curious to know what you find out.



QUIZ TIME

IN WHICH STATE IS THE KAZIRANGA NATIONAL PARK LOCATED?

WHO MAKES COINS IN THE UNITED KINGDOM?

THE PARIS 2024 OLYMPICS COME TO AN END



The Mysticals are having masala chai and pakoras in Scorch's dorm room. She is telling them about the Olympics.

"The Paris 2024 Summer Olympics have ended. I am going to miss the Games a lot! It was a good event. Team USA (the United States of America) won the most medals with a total count of 126. Forty of them were gold. The USA always performs well at the Olympics. From the start of the Summer Olympics in 1896 to 2024, the USA has won over 2,600 medals- the highest Olympic medal count by any country! India won six medals this year."

"Even China won 40 gold medals this year, right?" Verum said.

"Yes, Verum!" Scorch answered. "The USA and China created Summer Games history when they tied for 40 gold medals each.

Speaking of history, the 2024 Olympics saw the first all-black **podium** in gymnastics! Black refers to skin colour. Black-American gymnasts Simone Biles (silver) and Jordan Chiles (bronze) bowed down on the podium to show respect to Brazilian gymnast Rebeca Andrade who won the gold medal. What a moment it was!

Pakistan won its first gold medal in 32 years when javelin thrower Arshad Nadeem set a new world record of 92.97 metres! India's Neeraj Chopra won a silver medal at the same event.

The 51-year-old Turkish shooter Yusuf Dikec became famous for his relaxed personality in the shooting event. Unlike other shooters who dressed in **athletic** attire and had a lot of equipment for support, Dikec wore only a simple t-shirt and track pants! He won a silver medal.

Novak Djokovic won his first-ever gold Olympic medal! He is a star tennis player from Serbia who has won the biggest tennis tournaments. Finally, he has an Olympic medal, too.

After two weeks of medals, records, and joy, Paris ended the 2024 Summer Games with a grand closing ceremony on 11 August. It handed over its duties to Los Angeles (the USA), the host city for the 2028 Summer Games. American actor Tom Cruise heroically flew down from the sky to France's national stadium and took the Olympic flag from Simone Biles. He carried it to Los Angeles."

"Did you say 2028?!" Felix was shocked.

"Yes, Felix! The Summer Olympics are held every four years," Scorch answered.

Felix sighed and continued sipping his masala chai.

MUSTICAL WORDFINDER

PODIUM

A small stage or box on which winners of a sporting event stand to receive their medals.

ATHLETIC

Anything that relates to athletes or sports. Athletic attire means sportswear.



IRON MAN TO RETURN AS DOCTOR DOOM IN THE NEXT MARVEL MOVIE

American actor Robert Downey Jr is world-famous for playing the role of Iron Man in Marvel movies. Marvel is a company that makes movies and TV shows based on comic book stories. Downey Jr will star in the next Marvel movie as Doctor Doom. But instead of being a hero like Iron Man who saves the city from villains, Dr Doom is going to be a villain himself! It will be fascinating to watch Downey Jr in this new role.

FACING DEFEAT, CARLOS ALCARAZ SMASHES RACQUET ON TENNIS COURT

Spanish tennis champ Carlos Alcaraz lost a round in the Cincinnati Open tennis tournament. He was very unhappy with his performance. He was so mad at himself that he smashed his racquet on the court grounds! Later realising what he had done, he apologised to his fans on social media. He has promised to work on his behaviour.



Fantasy, adventure, comedy ... Orion and the Dark has it all! The movie tells the story of an 11-year-old boy named Orion. Orion is scared of a lot of things. He's scared of dogs, flushing the toilet, giving the wrong answer in class, bullies, and even talking to his classmates. But most of all he's afraid of the dark. He keeps the lights on in his room all night!

Dark is tired of Orion's screams every night. So, one night, Dark decides to pay him a visit. Dark takes Orion on an adventure to help him overcome his fears. It shows Orion the wonders of nighttime. How will we be able to enjoy stars and fireworks at night without the dark? How will we be able to sleep at night without the dark?

Will Orion stop being afraid of everything, especially the dark? Will Orion learn to have fun? The story of Orion and the Dark has an important lesson for all of us. We should not let our fears stop us from doing new things and living our lives.

THE STARTING LINE OF THE OLYMPICS



Would you like a crown of olive leaves instead of a gold medal? Winners in the earliest Olympic Games received olive leaf crowns and a silver medal. At that time, gold was very expensive. The runners-up got bronze medals. There was no prize for third place.

Gold medals were introduced in the 1904 Olympics held in the United States of America! So, when did the Olympics

Three thousand summers ago, the first Olympics were held in Olympia, Greece. The people of Olympia started it to honour Zeus, the god of the sky as per Greek folklore. Athletes took his blessings and thanked him when they won. Only men participated in the Olympics in the beginning.

> Some years later, when Rome had a big fight with Greece, the Olympic Games were paused. But don't worry! In 1896, the Olympics came back on track. They were held in Athens, Greece. These were the first official Olympic Games.

The beauty of the Olympics is that they bring everyone together. Even countries that are not the best of friends unite for the love of sport and to support their athletes.

Did you know that among others, chariot racing was also a sport at the earlier Olympics?



THE MYSTERY OF THE MOAI

On the Easter Island of Chile, there are more than 1,000 giant statues called the moai. Let's carve into the mystery of the moai.

WHAT ARE THE MOAI?

The moai are stone statues carved from volcanic rock. These statues look like human figures. They have human-like eyes, noses, and lips. The moai were carved by Rapa Nui people more than 700 years ago. The Rapa Nui people are the native people of Easter Island.

Each moai is made of one large stone. Some also have red stones on their heads called pukao. Most of the statues stand on platforms called ahu with their backs to the sea. Most moai are 13 feet tall and weigh more than 10,000 kilograms! Moai are often called "heads". But the statues also have shoulders, arms, and a body. These carved body parts are too small for the head. Some of the statues were also partly buried over the years. So, only their heads can be seen.

WHAT DO THE MOAI MEAN?

Many scholars believe the Rapa Nui people carved moai to honour their chiefs and other important people. Some believe that because the moai face towards the village, they were made to watch over the villagers. But the real mystery is ...

HOW WERE THE MOAI MOVED?

There are many theories on how the people moved the large statues without wheels, cranes, or big animals. Some scientists think they were moved using a combination of log rollers, ropes, and wooden sledges!

What do you think of the mysterious moai?



Moai have rock carvings on the back of the bodies in the form of symbols. No one has been able to solve the mystery of the symbols yet!





PEEK INSIDE THE PARIS 2024 OLYMPIC MEDALS



Can you take home the real Eiffel Tower in Paris? If you won a medal at the Paris 2024 Olympics, you just did! The Eiffel Tower is one of the most well-known monuments in the world.

Host cities of the Olympics can design their own Olympic medals. They can get as creative as they want. And Paris did just that. Every 2024 Olympic medal has pieces from the real Eiffel Tower in it!

Over the years, pieces of scrap metal were collected from repairs on the Eiffel Tower. Those pieces found a new purpose this year. The medals of the 2024 Olympics have iron pieces from the Eiffel Tower in them! A drawing of this French icon is also there on the back of the medals. The criss-cross design on the blue ribbons resembles the Eiffel's design.

The organisers of the Paris Olympics thought of it as a beautiful memory for the Olympians to bring back home from the world's biggest sporting competition. A fancy jewellery company in Paris designed the medals and France's mint made them. France's mint is called Monnaie de Paris.

SCRAP METAL Small bits of waste metal such as iron, steel,

copper, and so on.

Cutting or chipping away pieces of stone to

make a desired shape.

MINT

A place that produces coins. Every country has its own mint. It is run by the country's government.

VOLCANIC ROCK

Rocks formed when a volcano erupts.

Olympic gold medals are actually 92% silver! Only the outside is coated with real gold.

YOUR SPORT YOUR RUL

The Mysticals saw some incredible sports in the 2024 Olympics. But now, they want to see something new. This is your moment to create history. This is your moment to create a sport! Use this space to brainstorm and jot down your own sport. You can start with these guidelines.



• What kind of a sport is it?

□ Team Sport

☐ Individual Sport

• What is the gameplay?

• How does one win?

Are there different levels in this sport?

☐ Yes

□ No

How did you come up with this sport?





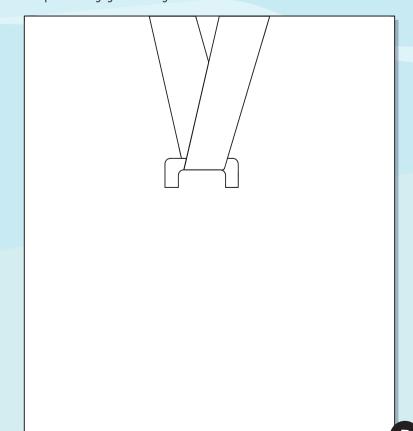
MYSTIGLAIN OLYMPIC RELAY RA

Are you ready for the MysticLand Olympic relay race? A relay race is a team race in which each athlete of the team runs a specific distance with a baton and passes it to the next runner standing at the next meeting point. There are four athletes on your team. They are standing at four meeting points. You have to guide them turn by turn through the race track on this page. Your goal is to help the final fourth runner reach the finish line. Colour the baton on reaching the finish line! Start with athlete no. 1.



E MEDAL-MAKING WORKSHOP

What if the next Olympics were to be held in your city? Use this space to create Olympic-worthy medals inspired by your city as well as India.





GUESS THE SPORT

Can you guess the sports from the drawings below?

HOC



=____





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CITTIATURED IN * THE CHYSTUST

Psst! The Mysticals and the MysticBeasts have planned a surprise for you. The kids featured on Kids of MysticLand will get ...

FREE GIFTS!



24 trees are cut to produce 1,000 kilograms of paper.

This year, we at MysticLand will use 9,000 kilograms of paper to print The Book of Everything, The MysticPost, and other materials/supplies.

In our Good Samaritan Programme we believe in walking the talk. To offset what we borrowed from nature and fulfil our duty as global citizens of Planet Earth, the team of MysticLand has taken an oath to plant 250 trees.

Here's an update: In June 2024, we planted 50 native Indian trees in the Aarey Forest in Mumbai. Our team and a few Earth warriors got their hands dirty to sow the seeds of our very own MysticLand Enchanted Forest!

We shall share photos as soon as the little saplings start peeking out of the ground.

Stay tuned for updates on the remaining 200 trees!

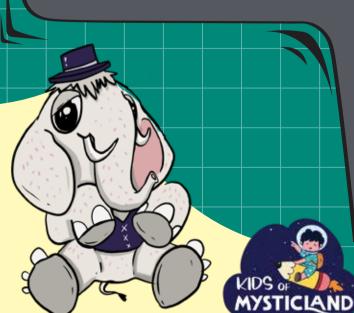
Hello, young humans!

Here's a chance for you to get featured in The MysticPost. Send us your entries to any of these activities.

The best entries will be printed in the next month's The MysticPost. Give your entries to your teachers and they will send them to us.

Don't forget to add your names.

Do you want to send your entries to us directly? Do you have some awesome ideas for our next The MysticPost issue you wish to share with us? Felix's pointy ears are twitching to hear from you! Write to us at kids@mysticlandinschool.com or ask an adult to call us at +91 96117 55253.



WORLD GAZING WITH VERUM

Protests can become violent. But protests can also be peaceful.

Peaceful protests help pass on your demands better. Find a peaceful protest that happened in the world and tell us about it!

ORAK'S SCIENCY WIENCY NEWS

Tell us about your favourite scientist!

SCORCH'S BIZZ -O- CLOCK

Would you like to become an author like Henry Patterson? Just like Sherb and Pip, what adventures do you think an ant and elephant would have?

Write a short story. The Mysticals would love to read it!

EARTH CHATS WITH FELIX

Ask your parents/guardians what they do with their old gadgets and electronics in the house. Do they recycle them or throw them away? We are curious to know what you find out.





