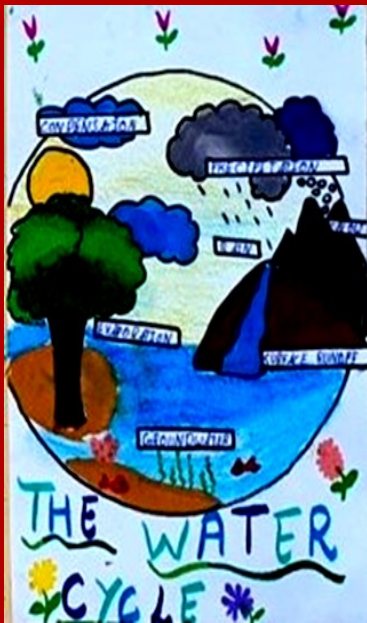
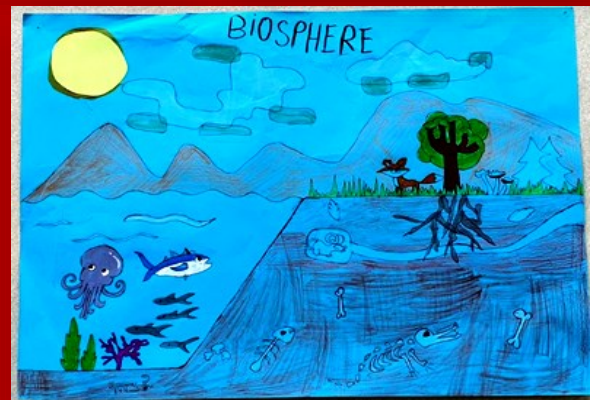
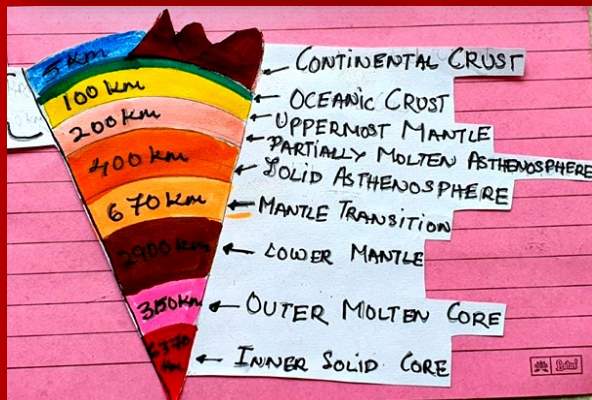


THE BUGLE



Natural Systems



Cover Page Credit : Students of PYP 5

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"It's the little conversations that build the relationships and make an impact on each student."

-Robert John Meehan



PYP Mentor-Mentee Programme

Promising social wellbeing, connection and the freedom to be.

Keeping the ethos of IB and the need of time into consideration, PYP successfully started its mentor-mentee programme for the students of junior school, right from Nursery to PYP 5, August 2022 onwards. This programme works as a platform for students and teachers to build strong bonds and trust with each other in their specific groups. This programme also aims to develop a culture of peer learning thereby creating a safe environment where students feel free to share their thoughts, ideas, problems and challenges.

Mentors and mentees group comprises of six to eight students from different age groups, and they meet each other twice in a month. During the meetings, each child gets an opportunity to lead an activity on rotation which could be an activity of their choice, or one chosen by the group. Younger children get equal opportunities to lead- teach origami, craft, songs or life skills of their choice.

Mentees can also choose to help with any topic that the others may be struggling with or want a deeper understanding of. This also gives the students a chance to explore and enhance the learner profile and ATLs - approaches to learning (skills) in their mixed groups.

It feels great to see students enjoying, sharing, and eagerly waiting for their meetings with their mentors and peers. Since the programme has been rolled out, we have seen mentees meeting their mentors during break time to talk and share about their interests and experiences, thus leading to strong connections and building an environment where they feel free to express their thoughts and ideas. We hope to see this programme grow and help students become happy and confident individuals working collaboratively with other members of the community.

Monika Kala

PYP Coordinator

Genesis Global School



Learning To Learn

Pre-Nursery

Students of Pre-Nursery enjoyed splashing in the rain with their friends and teachers. They had fun in the pouring rain and enjoyed the refreshing breeze. Students were rejuvenated as the weather was cool and pleasant. They enjoyed jumping in the water and danced and sang with great enthusiasm.



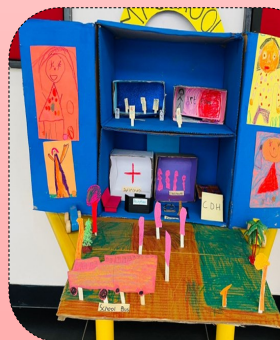
Nursery

Learning in Nursery happens through learning stations. The goal at Genesis Global School is to provide the best learning environment for the students. In early childhood classrooms, learning centers are the best way to develop their skills and attributes. Learning spaces are carefully designed. Nursery students hone their social skills, self-management skills and creative and critical thinking skills, when they work in different learning stations.

Kindergarten

Diorama on community

Kindergartners used their imagination and creativity to inquire into different communities they belong to. Collaboratively the little buds used their creativity and innovative skills and made a diorama of different kinds of communities like school, family, and neighbourhood reflecting their learning. Children comprehended the meaning of the word community and its diversification and were also able to relate and feel their connection with different kinds of communities.



First Few Days

I came with a lost mind
Not knowing where to go, what to do or how to talk
No friends by my side at first
made me sad and hurt.
I now feel loved by all
So happy and safe.
All these emotions had me confused
But now I know my place
And I know just what to do.
So, to all I say thank you.



Eva Chandra 5 C

My Dog

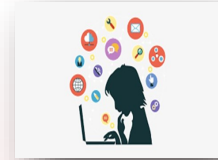
My dog is noisy,
but sometimes mute.
He is also choosy,
but he's super cute.
He is very small,
and sometimes sleeps in a shawl.
He wears cute sweaters,
in different weathers.
He eats meat,
on his special seat.
He sleeps and takes a rest,
and is at his very best.



Amaira Chopra 5 B

Song on Technology

Technology has changed our lives,
our future, moreover, it has changed us.
Let's use it mindfully, responsibly and not be
dependent, let's achieve this goal.
We are better than technology,
We are smarter than technology.
Let's not be dependent,
let's be brave, to do anything
and face any challenge!



Arshan Malik 5 C

My School

My school is a wonder world,
With the best teachers in this world.
In the break we shout and scream,
In class we try to fulfill our teachers' dream
We do yoga, gymnastics and drill,
And play all other games with equal thrill.
The school bus is full of fun,
We rush home to meet dad and mum!

Amaira Goyal 3 E



Determination

One afternoon, I was wandering in my living room and thinking about playing a song in a talent show. I thought of playing the guitar but could not decide on a song. I looked around the living room and I saw a picture beside the wall above the large green sofa. It was a mountain with greenery, some clouds, and a flowing river and it inspired me to play a song. I practised it for some days and set off for the competition. I saw a big white building with big glossy windows. The organizers showed me my room. I saw some great performances, and people exhibiting amazing talents. When I saw them, I got more excited about the competition. I practised in my room and went to sleep. The next day, I woke up and headed for the talent show. The stage was massive, with black curtains and dim lights. It was my chance to perform, and I was terrified looking at so many people. I followed my teacher's suggestion and avoided looking at the crowd; rather I gazed at the wall. I stopped looking at the crowd and played. I completed my performance, and the audience liked it a lot. This is the story of my determination.

Krishiv Gupta 5 B



Zombie Catastrophe

One day in a science lab, a scientist was researching about the viruses that would come in the future. He found out details of a bizarre virus that could eat human brain and make the person a zombie. He was dismayed. Then fifty years later there were two brothers, Rahul and Sam. Rahul was a theist and Sam was rich and avaricious. Rahul and Sam were busy in their daily life when all sudden the government issued an alert. People were advised not to go out as a new virus had spread everywhere. The virus could make a person a zombie. Both were petrified, they did not go outside their house but many people went out to work. They were all infected by the virus which marked the beginning of the zombie catastrophe.

The scientists created an antidote and wanted to test it on a zombie to check if it could turn the zombie into a human being again. They toiled hard to make the antidote. It was very difficult to give the antidote to a zombie. Then eventually they were successful; all the zombies changed into humans and there was no more virus. Everyone was overjoyed.

Vedant Bhutani 5 C



Journey to the Haunted Jungle

It was a dark night and there was a galaxy of stars in the sky. Me and my sister wanted to go on an adventure into a scary and dangerous place. My sister had just studied about a mystic who knew such places and had visited them. I asked my sister “where does that mystic live?”

She said that he lives in an old castle and a trick to reach him without difficulties is to chant a special mantra. She even told that it would only work if we remember him from the core of our heart. We were very nervous as we really wanted to meet him. We both started to chant the mantra from the depth of our heart and after some time a flash appeared and a basket of snakes appeared in front of us, and behind the basket, we could see an old mystic. He asked us “Why would you go to such a place?” I responded, 'we like adventures and such a place will be full of it.'

He told us “There is one such place. It is a bit scary but it’s apt for you. The place is a haunted jungle” He gave us a map and told us to follow it. He said “If you need me, just chant the special mantra I taught you”. We said “thank you” and left. When we came out of the castle, right above us we saw a kettle of vultures. We followed the map and it was a very scary route. On our way, we came across a pride of lions, and we did not know how to go past them and got very scared, so we chanted the special mantra. The mystic appeared with meat and threw it far away and the pride ran after it. We thanked the old mystic and went on. We then came across a cave and went inside it. We saw a lounge of lizards in the cave and a board which said not to kill lizards but step into empty spaces which could be seen there. We held each other’s hands and stepped into the empty spaces. We then crossed the cave and reached the haunted jungle at last! There we found another board which had scary directions.

We got scared and chanted the special mantra. The mystic appeared again and said, “Don’t worry go on nothing will happen both of you are very clever, but if you do not stay together you will die” and saying this he disappeared. We then went inside we saw a cute flamboyance of flamingos drinking water from the lake, when I went to touch one, my hand went past them, and we realized these flamingoes were ghosts! I fainted seeing a real ghost, my sister was so scared. She threw water on me and I woke up. we then went on and saw a leap of leopards coming towards us slowly. We were shivering and suddenly a thrilling idea popped up in my mind. I saw a cackle of hyenas behind my sister, I pushed my sister to distract the leap of leopards and the cackle of hyenas, and they saw each other and started fighting. Meanwhile, I picked up my sister and we ran away. We chanted the special mantra and the mystic appeared and said, “What happened you were doing so well??” We said “We are bored now, we wanted to go to a scary place as this place is not scary at all”. The guru replied, “Maybe I should have given you something scarier. So, you two sure you want to go home?” The mystic said, “When you exit this jungle you will reach the room from which you called me the first time” we said thank you and bye to the mystic and BOOM we landed in our room. I noticed that the time had stopped while we were away, we were shocked! And that was the end of a wonderful journey.

Sownya Wadhwa 5 B



My School

My school is so big that elephants could fit in.
My school is so peaceful it almost feels like a dream.
Genesis! Oh Genesis!
You are my favourite school!
My teachers are an ocean of knowledge
My friends are a source of support.
The bhaiyas are so helpful
The didis so kind, that all the children are filled with delight.
Genesis! Oh Genesis!
You are my favourite school!

Avantika Vinayak Singh 3 C



Balloons

Balloons red yellow and white
Look so lovely and so bright
They fly around the town
Can anyone bring them down
They fly so high
Can anyone tell why?

Anaya Bhuttan 3 B



Good Neighbour

Once there lived a Sharma family in Delhi. This family consisted of three members in the house, Mrs. Neetu Sharma and Mr Yogesh Sharma and their daughter- Ridhi Sharma. They did not have a good relationship with their neighbours nor did they help each other.

On a sunny day, their daughter Ridhi was playing with her toys close to a balcony. Suddenly, a ball hit the glass. The shattered pieces of the glass came flying towards Ridhi and pierced her skin . Crying with pain, she immediately came out of her house. Chatur uncle who was having a hot cup of tea with his wife Sita heard her crying and saw her bleeding.

He rushed towards her and covered her wound. He brought her inside his house. Ridhi informed Chatur uncle that her parents had gone out to get groceries. He calmed her down.

Chatur uncle informed her parents about the entire situation. Her parents requested Mr. Chatur Lal to drive her to the closest hospital and assured him that they would arrive soon.

The doctor treated her wound and gave her antiseptic doses, by then her parents had arrived. On seeing her parents, Riddhi hugged them tightly. Her parents felt grateful towards Mr. Chatur Lal. They gifted him a vase as a token of respect for being a good neighbour and for taking care of their daughter.

Prashasti Sharma 4 D

The Black Lunar Cat

Beware of the lunar cat,
she hunts at night.
Legends tell us
that she can bite.
She sits on a spooky branch
and waits for her prey.
The mice hide in holes,
and squirrels hide in dreys.
The moon paints the sky
in shades of blue.
It is dark and scary,
but the cat sees true.
Silently she waits,
Till the animals feel brave.
But as they leave their homes,
They end up in their graves.



Aria Tripathi 3 D

Picture Credits: Aria Tripathi



The Eternal City



Which empire is nicknamed the eternal city?

Which empire lasted for over a thousand years?

The answer to both these questions is Ancient Rome. The ancient Romans built several engineering marvels including magnificent aqueducts, durable roads and splendid structures like the Colosseum. According to Roman legend, Romulus founded Rome. Historians tell us that early Romans were farmers living in the region named Latium. The Romans were largely influenced by Etruscans and the Greeks. They were great traders, architects and engineers. After the war with Carthage, the Roman farmers took over more and more land till they had the whole of Italy. They liked the idea of conquering people. They started conquering the rest of the world. The generals who won these conflicts began to compete with each other for power which led to a bitter civil war. The Romans conquered Greece and most of Spain. Eventually, Rome became so large that the government had difficulty ruling and protecting its vast territory. So, emperor Diocletian came. He was first and foremost a soldier, but he made reforms not only in the Roman army but also in its financial system, religion and changed rules of ruling empire. In 286 CE the emperor Diocletian decided to divide Rome into two sections. One was the western empire, which included Rome and the other one was the eastern empire, which included Constantinople. The western empire lacked financial resources because of corruption but the eastern empire remained in power for another thousand years. In 476 AD, a Germanic barbarian by the name of Odoacer took control of Rome. He deposed the child emperor Romulus Augustulus and became the king of Italy. This was to be considered as the end of the Roman Empire.

Some amazing facts about Rome -

One mad emperor named Caligula tried to have his horse appointed as a senator.

Some names of the months have Roman origin such as August, which honours the emperor Augustus while March is named after Mars the Roman god of war.

The first-ever shopping mall was built in the reign of emperor Trajan of Rome.

Veerath Sharma 4 C

Never Give Up

When you want to achieve something difficult in life you must work hard and put in hundred percent effort. You may come across a lot of difficulties, which might force you to think of giving it up, but that would be the worst mistake. Never do that, instead overcome your fears, work harder and achieve it. It is difficult to defeat someone who never gives up.

Let us take inspiration from brave freedom fighters, who fought for our country till their last breath. It is because of them we are a free country today. Covid 19 warriors helped the patients without thinking about themselves. Athletes practice day and night and make their country proud.

We should also learn from them and keep trying till we succeed. Our sense of satisfaction will have a unique taste then.

Hridaan Verma 3 B

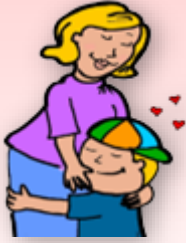
My Snowman



There lived a boy named Chip in California. He was very honest and hardworking, but his parents had no money to admit him to a school. Chip was very eager to go to school. During winter, the city of California experienced heavy snowfall. One morning he saw a poster which was about a snowman making competition. On the poster, it was mentioned that the winner will be awarded free admission to a school. Chip got excited and thought of participating. He started preparing for the competition.

Finally, the big day came, Chip was nervous. Many kids were there to make beautiful snowmen. Suddenly a windstorm came, and all the snowmen fell down. Seeing this, Chip felt very sad. He had an idea; he fetched a wooden log and used this log to make the base of his snowman. This made his snowman strong and beautiful. As all the other snowmen were broken, Chip won the competition. He became super happy and was given admission to a good school.

Darsh Jindal 3 E



Love is About Caring and Sharing

Real love lies in caring and sharing. The more we love, care and share, the more we get the same in return. I love my parents, teachers, friends, grandparents and I also care for them. A mother cares for her child. She shares all her time and energy, so that her baby can blossom. Share love and time and also care for people around you and try to bring a smile to their faces. It's all about togetherness and love. Caring is existence and sharing is creation.

Harnoor Luthra 3 B

Icing on The Cake



As I heard the news of an upcoming gymnastics competition, I experienced mixed feelings. I felt excited and a little nervous at the same time. My parents, teachers and everyone around me helped me to work hard towards the event. I stayed focused and practiced every day. In order to stay focused I learnt to have a fixed routine and stay disciplined.

Finally, it was the 6th of August, the day I was waiting for. The previous night before the competition everything seemed to be happening at the right time. So, I got up full of confidence and all I was thinking was to give my best. When I reached the stadium, I could see more than five hundred gymnasts participating in the competition. I was a little nervous but I kept my nerves in control as my younger twin siblings were also participating and I was their role model.

My mother's unending support and my practice helped me overcome my fears and I performed without hesitation. I only thought of playing my best game and that's what I did.

The Floor, The Bar, The Beam and The Vault were the four levels for the competition. After my performance was over, I applauded my opponents as it was important to be a nice person above everything else. I was filled with satisfaction and seeing my state, my sisters felt more confident.

I learnt that if one works hard then surely goals can be achieved. I realized that I had enhanced my understanding about the game of life just by participating in a competition. And finally, as the results were declared, guess what? I won a Gold Medal! Well, that was just an icing on the cake.

Saisha Chuhan 4 C

Friends

They bring happiness, they bring joy,
With them you may play with your favourite toy.
They understand you and bring a smile to your face,
With them you forget that life is more than a rat race.
To have one is supreme bliss,
Hope nobody ever has to miss,
The warmth and the solace that a friend can bring,
To add sunshine to your life, just like spring.
They are there to share your achievements and wipe your tears,
They make the path easy for you without any fears.
They are the best gift that God can give,
In their company may we forever live.

Rinku Vinay

Teacher



Yummy Mangoes

Mangoes are sweet
Mangoes are sour
Yes, they are!
Mangoes are the king
Mangoes are green and yellow
Mangoes are in all sizes
Mangoes are sweet
Mangoes are sour
Yes, they are!



Avi Nandan 3 D

The Lonely Rainbow



Once upon a time, there was a lonely rainbow.

She was very sad and lost in a forest! She missed her family a lot. She was trying to get out of the forest, but then, a lion saw her! "Yikes!" she shrieked, she ran and hid behind a tall tree. It was beginning to get dark and cold. Her family too had started to search for her as it was getting late. The lonely rainbow was feeling cold, so she decided to make a fire and roast some marshmallows. Later she fell asleep. In the middle of the night, she saw a bright light, she really wanted to sleep but her curiosity got the better of her.

Finally, she got up and walked towards the light. As she went a little closer, she saw a magnificent golden glow. She went closer and closer until she saw something amazing, marvellous and jaw dropping. It was a unicorn! The unicorn looked frightened but when it saw the rainbow it happily approached her, "Can you help me find my family," said the unicorn. "Of course, I would love to! But the only problem is that I'm lost too" the rainbow said.

"Wait! We must not give up hope," said the unicorn.

Suddenly, they got a brilliant idea "we can help each other find our families!" They both shouted in unison. Then they decided that they should look for the Rainbow family first, the unicorn flew up into the air, and the rainbow stayed on the ground to search under the trees and in places that weren't visible from the sky. Eventually, they found the Rainbow family! The little rainbow was so happy to see her parents and brothers and sisters, after their reunion, they went to find the little unicorn's family. They were very happy and impressed with the unicorn's actions and initiative to help the little rainbow. The unicorn's family was searching for her too. Suddenly the unicorn saw its family and rushed towards it. They had a happy reunion. After that both the families met regularly. They also allowed their kids to have lots of sleepovers. They lived happily ever after.

Neyshaa Arora 3 C

Little Butterfly

Butterfly, Butterfly.

Where are you?

I am flying up in the sky,

The pretty flowers blooming high.

Butterfly, Butterfly.

Where are you?

Diving into the beautiful flowers!

Oh! Oh! Oh! Aha!

Flowers smell so nice,

And are as cool as ice.

Oh! Oh! Oh! Aha!

Butterfly, Butterfly.

Where are you?

Imagining flowers in my hand,

talking to me.

Beauty of nature!

is a delight to see.

Mishika Gupta 3 A



Bee

Yellow black bee,

Lives on a tree,

Greeting with a buzz,

Making a fuzz,

As fast as wind,

Walks like a king,

Shines like a star,

Flies very far.

Yellow black bee,

Lives on a tree .

Era Sharma 4 A



YOU CAN DO IT!

Hey there! I just heard that you're creative. Great! And you are intelligent too. Oh yes, how can I forget that you're immensely talented and ambitious. Superb! But what if you put amazing efforts with all your brilliant self but fail at the end? Will you still try? What if there are obstacles in your way and you keep passing them but at some point, you feel tired and stop? Remember the story 'The Hare and the Turtle'? Who was active? Of course, the hare but we all know who won the race. Ever wondered why did that happen?

PERSEVERANCE! Yes, Perseverance was the key used by the turtle to win. Always remember if you keep trying even after feeling tired of the obstacles on your way, you will always win the race of life; that is because a talented person is not always a winner but a hardworking person indeed is!

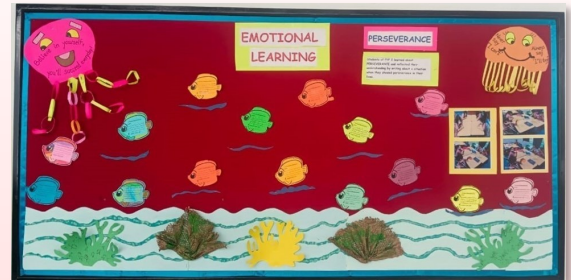
So, if you ever feel like giving up, take a pause, take a deep breath and tell yourself that you can do it! And you will find yourself standing ahead of everyone.

The students of PYP 2 inquired into 'Perseverance' and showed a brilliant understanding of the abstract concept. They reflected their understanding in their own unique way.

Below is a soft board showcasing the reflections of some students. The theme of an aquarium was used for displaying their learning, showing how to reuse paper to help our environment.

Team PYP 2

Students and Teachers



What is Music?

Music is an essential element of culture, and it is regarded as a culture universally. You can find music in every known community worldwide. Music keeps changing from time to time, so does its definition.

However, the effect of music has never changed. Music bonds people together and gives them a sense of togetherness. Music can make the listeners feel all the possible emotions we experience in our lives.

There are studies that show that music came before language. In the early days of human civilization, music was used as a means of communication and this is still relevant to this day.

Here are some views of some famous musicians and philosophers to support the above.

"Music is the universal language of mankind."

- Henry Wadsworth Longfellow

"Music is a moral law. It gives soul to the universe, wings to the mind, flight to the imagination, and charm and gaiety to life and to everything"

- Plato

"Music is the one incorporeal entrance into the higher world of knowledge which comprehends mankind, but which mankind cannot comprehend."

- Ludwig Van Beethoven

M. Ameet Singh

Teacher

Child Labour a Menace to Mankind

Every month many young children under the age of eighteen are employed in various factories, offices, construction sites and houses as labour. Child labour, today, has become one of the biggest menaces of the society. It harms a child's overall development in all forms such as educational, physical, moral, mental and spiritual. We as a society should ensure that child labour is completely abolished.

Many such children are made to do dangerous work under cruel circumstances. Sometimes they are made to carry weights more than their own weight. They are often treated poorly, are beaten black and blue when they make mistakes and are often underpaid. They are malnourished and are deprived of their basic human rights of food, shelter, clothing and education.

It is our responsibility as global citizens to strive to abolish child labour and report any such incidences to the authorities so that they can hand out harsh punishments to the violators.

Soham Jindal 5 D

Warriors in Action

Students have always had the capacity to make massive waves of change. Their innate zeal to bring positive change in the world by restoring the environmental health, trickled down to PYP 4 students. What a eureka moment it was to use the idea of reusing disposable paper cups for decorating borders of classroom boards!

The drive to reuse disposable paper cups started in Grade 4, when learners were learning about depletion of natural resources. During their inquiry they learnt that deforestation was one of the major reasons for this depletion. So, when they saw that during juice break, after drinking lemonade, students were disposing their cups into bins, it hit them that the amount of garbage we were producing was phenomenal and the idea of recycling struck them. The self-motivated students of PYP 4, initiated saving the Earth at their level.



It has now become their practice to reuse the paper cups for various purposes.

Ms. Vijaybharati Yadav

Teacher

No One is Less

No girls are less than boys,

No boys are less than girls.
Girls can talk, boys can talk, everyone is equal.
Men can work, women can work, don't you see?
There will be harmony,
With gender equality!
It's important to keep equality,
Everything will be fair,
We should look after each other,
And take care!

Kritika Saini and Kiara Sharma 5 E

Song written by Students during Play time



Nobody is Perfect

Failure, failure everyday failure,
Failure on one day, failure on another,
Because nobody is perfect.
So don't be afraid of failure.

We make mistakes,
We go wrong,
We all fall but that's okay,
Because nobody is perfect,
So don't expect perfection.

You can't always be the greatest,
Just do your best,
Just give your best,
Because nobody is perfect.

Myra Rastogi 3 E



Using Drama to Address Bullying

Drama is a powerful tool which can be used to highlight bullying . To address the same, we used different drama strategies and conventions in our classroom.

Overwhelming reflections came from students when they brainstormed how drama could be used in this context. The 'HOW' and 'WHY' was brought into focus through 'Freeze Frame' and 'Role Play' drama conventions.

Drama in education involves a unique and significant educational experience to showcase different feelings and emotions. In the same way, students were given a chance to showcase their experiences and their thoughts through role plays and other drama strategies like 'Thought Tracking' and 'Monologues'.

The effectiveness of drama in education has proved to be helpful in solving interpersonal problems, aggression, and cooperation; as a result, students came out to be problem solvers with the use of drama strategies to address bullying.

They understood the importance of being an upstander rather than being a bystander. Students understood the need to stand up against inappropriate behaviour in others. It is best to understand and remember that this dramatic impact happens when a continuous practice of the same is done during classroom activities.

A quote by Dorothy Heathcote sums up the ethos of drama in addressing bullying —
"Drama is about real man in a mess".

Yashika Grover

Teacher



Aliens and Me

Once, when I was watching the television, a commercial popped up and my eyes caught the small screen which advertised that a hundred people could go to space, particularly on a planet called 'Asguard' in the Andromeda Galaxy. I was exhilarated and jumped on my couch with excitement. I saw the opportunity and grabbed it. I rushed to the nearest outlet and submitted the form and boarding fee of \$10,000. After a month of training and learning the 'Code of Conduct' to live on another planet for twenty days, my companions and I were completely ready to visit Asguard. All of us were so enthusiastic and overjoyed that we were counting days when we would reach our destination.

The space shuttle touched the surface of Asguard. I was the first one to step on the planet's crust. I realised that the gravitational pull, the oxygen level, atmospheric conditions and even the colour of the soil of Asguard were the same as the Earth.

I was just wandering around the planet and taking in the fresh air of Asguard, when I saw something strange and mysterious cross my path, it was something green. The second time the creature crossed my path, I held it by the neck and looked at it carefully. It had reddish pink hair, a green body, huge black eyes, a black T- shirt, and human like green ears.

I couldn't believe that an alien was in front of my eyes. Though I was very scared, I tried to communicate with it through my own language and to my surprise the intelligent alien understood my words.

Later I realised that it was a friendly creature and it extended a hand of friendship towards me. We both introduced ourselves and I got to know that the alien's name was Jake. The day to return to the Earth came. I bid farewell to Jake and got on to the ship. Three years passed by. I was watching the news and my eyes caught the small screen which was showing that an alien with pink hair had landed in Los Angeles, California. I got onto a flight and rushed there. I realised the alien was Jake and he wanted to live on the Earth. I was overjoyed. Jake and I lived a happy life together. As I was dancing with Jake, I fell of the bed and realised it was all a dream!

Navansh Goel 5 E



The Shoe Factory

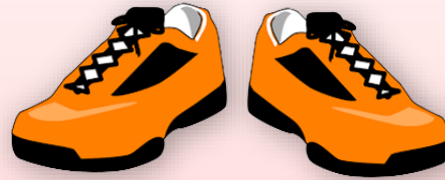
Once upon a time, about two years ago I was born in a huge shoe factory. I was born with a glowing skin which was orange in colour. Soon I was packed with my twin brother in a big box. We all were loaded in an enormous truck, ready for a journey to be transported to the Nike showroom.

It was a bone breaking and tiring journey to the Nike showroom in Agra. I could also catch a glimpse of the much talked about monument, the Taj Mahal. I was thrilled to see the monument. Soon we reached the Nike showroom. I was also amongst the other shoes waiting for the customers to buy me.

A small boy came to look at me and he found my skin sparkling and bright orange. He pestered his father to buy me and instantly the father bought me. I soon realised that the father was a big industrialist. I reached the industrialist's house and soon gathered that the boy's name was Ayaan. He put me inside a small closet with other pairs of shoes. I soon became Ayaan's favourite and he enjoyed wearing me often. I was glad he took care of me and always kept me shiny and beautiful. Whenever the boy would travel to America and Mexico, he would pack me in his suitcase I could see the breath-taking statue of liberty and many other beautiful places.

Soon the boy started to grow big. After two years, I stopped fitting his feet. He tried to wear me, but it was uncomfortable. So he decided to give me away to a poor child on the street. I was sad and tears came rolling down my cheeks. Then I realised that the poor child needed me more than the rich industrialist boy. So once again I was happy.

Ayaan Budhiraja 5 E



Let Them Play

If you want them to be a showstopper,

Or a white collar worker,

If you want them to be emotionally sound,

Or create unbound,

If you want them to be problem solvers,

Or good choice makers,

If you want them to be society builders,

Or general guides,

If you want them to be somebody one day,

Today for that one day, let them Play

Smriti Sajjanhar

Teacher



DOCTOR SPEAKS

Health and Hygiene

Following proper health and hygiene practices is extremely crucial and helps in keeping germs and diseases at bay. Whenever you touch dusty areas, deadly microorganisms can transfer onto your hands, food and eventually into your stomach and cause diseases.

Here's what you can follow for the best hygiene and keep yourself healthy-

1. Hand Hygiene: -

Washing hands frequently can reduce the chances of contracting diseases such as diarrhoea. The proper way of maintaining hand hygiene:

- Wet your hands with water.
- Apply soap to your hands and rub to form a lather.
- Clean even in between the fingers and under the nails.
- Wash the soap away with clean water

2. Oral Hygiene

Without proper care, you can develop cavities, bad breath and other oral diseases.

Here are some ways you can keep your teeth healthy:

- Brush your teeth twice a day
- Sweet food shouldn't be left to linger around the teeth for too long as it can cause cavities.
- The right way of brushing is-
 - Keep the brush at 45 degrees to your gums.
 - Move the brush up and down, back and forth gently.
 - Clean the inner surface of your teeth properly.
 - Brush the tongue gently.

3. Hair Care

Poor hair hygiene can cause problems like dandruff, lice, and infections of the scalp. You can get these when playing with friends or other children in your surroundings. To avoid this-

- Wash your hair at least twice a week to keep your hair free from grease and dirt.
- If by chance you get hair lice, treat it immediately.
- If you have long hair, keep your hair tied up mostly to avoid it getting dirty.
- NO SHARING OF COMB, PILLOW, HATS/CAPS WITH OTHER CHILDREN.

4. Nail Hygiene

Nails accumulate a lot of dirt and microbes especially in children as they often play outside in sand, mud or simply dirty grounds. Use the following tips to inculcate nail hygiene:

- Cut nails frequently.
- Don't bite nails
- After playing, performing toilet activities, before and after eating food and after touching a pet, properly scrub and clean the area below the nails while washing your hands.

5. Bathing Hygiene

The best way to keep yourself clean and healthy is by taking a bath regularly. For good bath hygiene habits-

- Take bath twice a day- before coming to school and after coming back from school.
- Gently scrub the armpits, groin, legs and feet including the place in-between the toes.
- Apply soap when you take a shower.
- Wash your hands properly.



Continued on next page →

Picture Credit: Google

Continued -

6. Toilet Hygiene

Knowing the right toilet hygiene can help avoid all the diseases likely to spread by using an unclean bathroom. For this-

- Clean the seat where you are going to sit.
- Wipe or wash yourself after using
- Flush.

7. Coughing and Sneezing Hygiene

If you have a cough or cold, you have to be careful so that you don't spread it to others. For this-

- Cover your mouth and nose, while coughing or sneezing.
- To cover them use a handkerchief or sleeves or elbows and not your hands.

Maintain your Health to enjoy your deserved wealth. Good health is the real earned wealth, get it!

Dr. Achla Bhatia

School Infirmary

PARENT'S CORNER

Nurturing Children

Children are like buds who are yet to open up and bloom. Their bloom depends on the process of their nurturing. Parents or the guardians act as gardeners of the child. They care for them, water them and give them food daily. Sometimes they become harsh like a trowel, but only for the sake of their well-being. When a child interacts with other kids and elderly people, he develops socially, physically and emotionally. According to me, the development of a child is greatly influenced by his surroundings. How they have been cared for, or taught good etiquette, is how the roots and stems of children have been strengthened. We can see their emotions blooming from their behavior and enhancement of skills. The pleasure that blooming gives to people motivates children further.

Ruby Kumari

Aunt of Yana Priya 4 C



Oops!
Error! Error! Error!



The vision of 'The Bugle' is totally aligned with our school's motto. We are committed to deliver an Authentic, error free magazine; nevertheless, we commit errors at times.

We sincerely regret that in the 30th issue of 'The Bugle' published in May 2022, credit was inadvertently given to Aarohi Gupta instead of Aarohi Jain (4D) for her poem 'Mera Natkhat Pyaara Bhai'. Please note that the poem has been written by Aarohi Jain. We apologize for the inconvenience caused to her and our readers.

Brain Feed



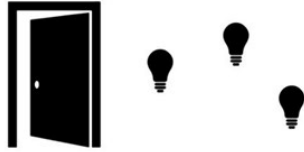
Brain Teaser 1



A man pushes his car to a hotel and tells the owner he's bankrupt. Why?



Brain Teaser 2



You are in a room that has three switches and a closed door. The switches control three light bulbs on the other side of the door. Once you open the door, you may never touch the switches again. How can you definitely tell which switch is connected to each of the light bulbs?

Brain Teaser 3



A man is looking at a photograph of someone. His friend asks who it is. The man replies, "Brothers and sisters, I have none. But that man's father is my father's son." Who was in the photograph?



A.

I am set in a line
Cleaning adds to my shine
I fall when I am small
Doctors fill me If I have hole,
I have an important role.



B.

In every house I live
A foul smell I give
I am red, blue or green
I help to keep the city clean .

Samyak Jain 4 C

C. What has 13 hearts but no other organs?

D. What is the difference between a jeweller and a jailer?

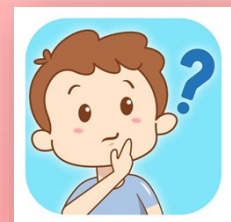
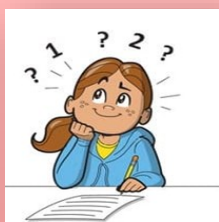
E. What has one eye but can't see?

F. What did the ocean say to the pirate?

G. Why do bees have sticky hair ?

Credit: www.parade.com

Credit: <https://www.readersdigest.ca/culture/funny-jokes-national-tell-joke-day/>



Answers on page number-26

Picture Credit: Google

CRACK THE CODE



CODE

A NUMERIC LOCK HAS A 3 DIGIT KEY

HINT

4 8 2

One number is correct and well placed

4 1 6

One number is correct but wrong placed

2 0 4

Two numbers are correct but wrong placed

7 3 8

Nothing is correct

7 8 0

One number is correct but wrong placed

Sawaal.com



Sudoku



	5	2			6			
1	6		9					4
	4	9	8		3	6	2	
4						8		
	8	3	2		1	5	9	
		1						2
	9	7	3		5	2	4	
2					9		5	6
			1			9	7	

Credit: <https://www.vectorstock.com/royalty-free-vector/sudoku-game-with-answers-simple-design-set-vector-33261840>

Answers on page number-26

Share a Laugh



मिर्च

एक बच्चे ने खाई मिर्च,
लग गई उसको तीखी मिर्च।
वह मिर्च के मारे कुछ न बोला,
खाया उसने बर्फ़ का गोला।
जैसे ही ठीक हुई मिर्च,
फिर वह बोला।
मुझे फिर से खानी है मिर्च,
रखो तैयार बर्फ़ का गोला।



अरशान अखलाक मलिक 5 स

मौसम

मौसम है सुहाना, नरम-नरम खाना।
आसमान में सफ़ेद-काले बादल आना।
इस मौसम में गरम पकौड़े खाना,
ज्यादा गरम लगे तो मेरे भाई ज़रूर नहाना।
चाचा-मामा को है इस मौसम में मस्का लगाना।
भाई थोड़ी चाय तो पिलाना।

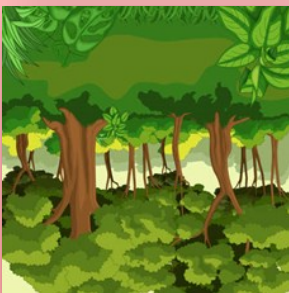
विवान कथूरिया 5 स



हरियाली

हरी-भरी हरियाली धरती की शान है,
पेड़-पौधे भी देवता महान हैं।
पेड़ हमें खाना देते हैं,
फूलों की खुशबू देते हैं।
पेड़ काटोगे तो क्या खाओगे?
एक दिन विलुप्त हो जाओगे।
हरियाली नहीं तो हम नहीं,
हरियाली बढ़ाओ, धरती बचाओ।

अद्विक गुप्ता 3 द



आम

जब भी पेड़ों से आम निकालोगे,
इतना पीला, इतना पीला।
जब भी आप खाओगे,
इतना मीठा, इतना मीठा।
फलों के राजा से मिठाई बनाई है,
माँ ने आज मुझे खिलाई है।

वेदांक सैनी साध 3 द



बारिश

छम-छम छम-छम बारिश आई,
मेरी माँ भी साथ में आई।
हम दोनों नाचे, बारिश में भीगे।
माँ ने मैगी बनाई,
फिर हमने की सफ़ाई।
बारिश आई, बारिश आई।

अमायरा जैन 3 द



कुत्ता

मेरा कुत्ता लगता मुझे सबसे प्यारा,
वह है सबसे शैतान।
वह लगता महान,
वह अच्छा लगता।
वह सब कुछ खाता,
सबको वह धूल चटाता।
उसे उठाओ तो वह रोता रहता।।
जब मुझे कोई मारता तो वह दहाड़ता।

पार्थ अग्रवाल 3 स



डॉक्टर आया

डॉक्टर आया, डॉक्टर आया ।
मुझे उसने बिस्तर पर लिटाया।
डॉक्टर ने मुझे दवाई पिलाई,
मैंने दूसरी वाली नहीं खाई।
डॉक्टर को गुस्सा आया,
वह मुझ पर बहुत चिल्लाया।
फिर मैंने डॉक्टर की बात मानी,
मैंने वह दवाई खाई।
फिर मैं विद्यालय जा पाई,
दोस्तों से मिलकर चेहरे पर खुशी आई।

नीलांबरी सिंह 3 स



मेरा जन्मदिन

मेरा जन्मदिन आया,
बहुत खुशियाँ लाया।
मेरी सहेली आई,
बहुत उपहार लाई।
बहुत मज़ा आया,
सबने खाना खाया।
सब अपने घर गए
और हम सो गए।

मिशिका बगला 3 स



मेरा देश

मेरा देश सबसे महान,
सबसे सुंदर सबसे प्यारा।
हम सब हैं खुशकिस्मत,
इतना प्यारा सुंदर सा देश मिला।
मेरा भारत सबसे महान,
सबसे सुंदर सबसे बलवान।
सब प्यार से रहते हैं,
कभी नहीं वे लड़ते हैं।
यह हमारा भारत प्यारा।



तनीषा कौशिक 3 स

माँ का प्यार

भोजन खाना हो तो माँ,
लोरी सुननी हो तो माँ।
प्यार दिखाना हो तो माँ।
माँ माँ माँ
तुम इतनी प्यारी हो।
ऐसी न कोई , जैसी तुम।
मेरी प्यारी माँ।
संसार में ऐसा कोई नहीं,
तुमसे ही मेरा जीवन है।
तुम न हो तो
मेरे जीवन का कोई मकसद नहीं।



अहाना गुप्ता 5 द

मेरी छुट्टियाँ

मेरा भोजन, मेरा खाना,
क्यों है छुट्टियों में नहाना।
पहाड़ों पर जाना,
खूब दौड़ लगाना।
वहाँ पर बहुत मजे करना,
किसी से नहीं लड़ना।

उत्सव बहुगुणा 3 स



दिवाली

दिवाली, दिवाली, दिवाली,
आई दिवाली।
लेकर आई रोशनी का ढेर,
कहती है उगाओ पेड़ ।
सब काम करते नेक,
बनकर सब एक।
यह मेरा संदेश,
पटाखे मत जलाओ।
इस दिवाली को प्रदूषण मुक्त
बनाओ।
दिवाली, दिवाली, दिवाली।

सोहम जिंदल 5 द



परिवार

परिवार छोटे होते या बड़े होते,
सब एक - दूसरे से प्यार करते।
दूर या पास रहते,
सब के दिल में रहते।
परिवार छोटे होते या बड़े होते,
सब एक-दूसरे का ख्याल रखते।
एक - दूसरे के साथ सहयोग से रहते,
मिलकर सभी त्योहार मनाते।

कियाना सिक्का 5 द



प्रकृति

हर घर में दिखता है पौधा,
कहीं बड़ा तो कहीं छोटा दिखता।
फूलों की खुशबू हमें बुलाती,
अपनी तरफ खींच ले जाती।
पेड़ काटते लालची लोग,
उनको लगा बुरा रोग।
जितने लोग पेड़ लगाते,
वे सब पुण्य कमाते।

क्षितिज शिखर 5 द



मेरा देश

मेरा देश है हिंदुस्तान,
हम सब हैं उसकी आन, बान और शान।
देश की रक्षा करते हैं वीर,
जब वे आएँगे, उनको खिलाएँगे खीर।
इंडिया का है बहुत नाम,
तिरंगा देखो तो करो सलाम।
भारत पर हैं बहुत गाने,
मैं जा रहा हूँ तिरंगा लाने।
आई थी उस समय एक आँधी,
भारत में थे सच्चे गांधी।

समृद्ध नैयर 5 द



धरती बचाओ

धरती बचाओ,
पानी को गंदा मत करो।
प्लास्टिक दूर करो,
सुंदरता बनाओ।
जब तक धरती स्वच्छ रहेगी,
तब तक मैं स्वस्थ रहूँगी।
सबसे अच्छी मेरी धरती,
सुंदर - सुंदर साफ़ रहती।

कायरा माथुर 4 द



मेरी माँ

मेरी माँ सबसे प्यारी,
हमेशा पहनती है साड़ी।
वह कभी न थकती,
पूरे दिन काम करती रहती।
वह हमेशा सच बोलती,
कभी झूठ का साथ न देती।
मेरी माँ कभी हार न मानती,
हमेशा पूरा काम करती।
मेरी माँ बहुत खिलाती,
अच्छे से खाना बनाती।



जैज़लीन कौर 4 द

आम

आम आया आम आया,
पेड़ पर पीला-पीला आम आया।
बाहर से होता पीला-पीला,
अंदर से होता मीठा-मीठा।
फलों का यह राजा है,
मुझे खाने में मज़ा आता है।

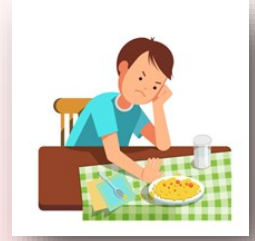
अराध्या जैन 3 अ



मुझे लगती है खिचड़ी बेकार

मुझे लगती है खिचड़ी बेकार,
पर मम्मी बनाती हैं बार-बार।
मैं कर देता हूँ इंकार,
पर मम्मी करती हैं उसका आविष्कार।
चाहे दे दो मुझे दही, घी, पापड़ या अचार,
मुझे लगती खिचड़ी बेकार, बेकार, बेकार।

ईशान सिंह रावत 5 अ



पानी की कहानी

आओ चलें हम सब जंगल,
जंगल में होता था मंगल।
आओ सुनाऊँ मैं एक कहानी,
एक था शेर, एक थी शेरनी।
दोनों को थी एक ही परेशानी।
जंगल में था पानी कम,
सबको था एक ही गम।
शेर ने एक सभा बुलाई,
सबको यह युक्ति सुझाई।
पेड़ हम लगाएँगे,
बारिश को बुलाएँगे।
चारों ओर आया पानी,
खत्म हुई ये कहानी।

कृशिव गुप्ता 5 ब



है यह मेरी प्यारी नानी

है यह मेरी प्यारी नानी
सुनाती है वह अच्छी कहानी,
सुबह उठकर करती पूजा,
नानी का नाम है रूज़ा
दिन-रात करती है परिश्रम,
कभी न करती है विश्राम,
अपने हाथ का पिलाती,
सबको - ठंडा-ठंडा पानी,
है यह मेरी प्यारी नानी,
सुनाती है वह अच्छी कहानी।

ईरा शर्मा 4 अ



क्रिकेट

बल्ला और गेंद से खेलते खेल,
भारत और पाकिस्तान का नहीं है मेल।
स्टेडियम और गली है हमारी जगह,
जहाँ करते हम हैं मज़ा।
सचिन और कोहली दिखाते हैं जज्बा,
खेल है हमारे दिल में सच्चा।
सफ़ेद और लाल गेंद से खेलते,
हर मैच को जीतते जाते।

सम्यक जैन 4 स



पेड़

पेड़ हैं हरे - भरे,
कोई होते ऊपर, कोई नीचे।
कभी ऊपर चढ़ता,
कभी नीचे उतरता।
मुझे इस सब में बहुत मज़ा आता,
मैं यह कभी भूल न पाता।
पेड़ों पर हरियाली है,
चारों तरफ़ खुशहाली है।

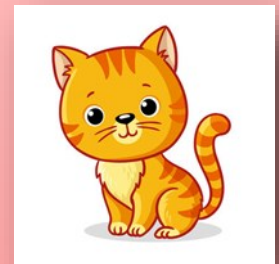
सिद्धार्थ नैयर 4 स



लाची

मेरी बिल्ली का नाम है लाची,
लाची अपनी बहन के साथ खेलती।
जब मैं लाची को बुलाती,
वह दौड़ी - दौड़ी चली आती।
लाची अपने आप दरवाज़ा खोलती,
लाची अपना खाना अच्छे से खाती।
मेरी प्यारी - प्यारी लाची,
मुझे है सबसे ज्यादा भाती।

गुरसाखी कौर 4 स



धरती माँ धरती माँ

धरती माँ धरती माँ, क्या-क्या आप करती।
छाया, पानी खाना सब आप देती।
सारे बच्चे आप पर खेलते और आप कुछ न कहती।
हम कुछ न कुछ आप पर ज़रूर बोलते।
आपकी सुंदरता को न जानते और खराब कर जाते।
धरती माँ के साथ न करो अत्याचार ,
दे दो उनको प्यार।

वैष्णवी बिष्ट 5 ई



वानी

एक थी लड़की वानी,
करती थी अपनी मनमानी।
वह थी सबकी लाडली,
वानी की नानी आई।
नानी ने बरफी खाई,
वानी को हिंदी सिखाई।

मायरा रस्तोगी 3 ई



अगर मैं ... होता

अगर मैं जल होता
तो मैं लोगों की प्यास बुझाता।
अगर मैं किताब होता
तो मैं ज्ञान बाँटता।
अगर मैं पेड़ होता
तो मैं ऑक्सीजन देता।
अगर मैं कपड़ा होता
तो मैं लोगों को सरदी-गरमी से बचाता।

एकलव्य किशोर ठाकुर 4 ई



कोयल

कोयल कुहू- कुहू करती,
हर दिन मेरे उपवन में मंडराती।
इतनी अच्छी आवाज़ है,
मुझे अपने पास बुलाती है।
कोयल काली लगती है
पर मन से प्यारी होती है
और आवाज़ भी मीठी होती है।

मिराया बिरपालिया 4 स



पेड़

हरियाली ही हरियाली है,
हरी-भरी हरियाली है।
चारों ओर खुशहाली है।
इन पेड़ों को हम ना काटें।
ये देते हैं हमको साँसे,
और देते हैं मीठे फल।
सोचो अगर हम काटेंगे इनको,
फिर क्या खाएँगे हम कल।

अनाया तायल कक्षा 3 ब



माँ

माँ-माँ सबकी प्यारी,
हम सब के मन की दुलारी।
मेरी माँ सबसे प्यारी माँ,
मुझे खूब हँसाती है।
खूब अच्छा-अच्छा खाना खिलाती है,
खूब घूमने ले जाती है।

रेयांश निगम 3 अ



फूल

सुंदर-सुंदर फूल खिले हैं,
रंग-बिरंगे फूल खिले हैं।
खुशबू लगती मुझे प्यारी,
महके इससे दुनिया सारी।
फूल लगते हैं साफ़-साफ़,
मेरे घर के है आस-पास।

रिधान गुप्ता 3 ई



Answers

BRAIN TEASERS

Answer 1 : He's playing Monopoly.

Answer 2 : Turn on the first two switches. Leave them on for five minutes. Once five minutes has passed, turn off the second switch, leaving one switch on. Now go through the door. The light that is still on is connected to the first switch. Whichever of the other two is warm to the touch is connected to the second switch. The bulb that is cold is connected to the switch that was never turned on.

Answer 3 : His son

RIDDLES

Answer A : Teeth

Answer B : Dustbin

Answer C : A deck of cards

Answer D : A jeweller sells watches and a jailer watches cells.

Answer E : A needle

Answer F : Nothing, it just waved

Answer G : Because they use honeycombs

CRACK THE CODE

A. 062

C. 602

B. 042

D. 204

SUDOKU

3	5	2	4	7	6	1	8	9
1	6	8	9	5	2	7	3	4
7	4	9	8	1	3	6	2	5
4	2	5	6	9	7	8	1	3
6	8	3	2	4	1	5	9	7
9	7	1	5	3	8	4	6	2
8	9	7	3	6	5	2	4	1
2	1	4	7	8	9	3	5	6
5	3	6	1	2	4	9	7	8

‘The Bugle’- 31

The story behind the cover pages

For this edition of our Junior School magazine ‘The Bugle’, the PYP 5 students were given the huge responsibility of designing the cover page and the fourth cover which means the back cover. It was mind-bending to think of a way to involve the maximum number of students and create one cover page and a back page, as the choices were many. We decided to go with the choice of making posters in small groups. PYP 5 students were thrilled to know that there would be a collaborative poster making engagement for the cover page of ‘The Bugle’.

The students were learning about ‘Natural Systems’ in their unit of inquiry at that time. They designed posters based on the four major natural systems in small groups. The product that came out of their hard work and collaboration are there on the first cover and fourth cover of ‘The Bugle’ for all to see.

Credit : Team PYP 5

** Team Bugle appreciates and applauds the efforts put in towards designing the cover page.*

Editorial

New session, new hope and new beginnings! We are proud to publish the first issue of 'The Bugle', for the academic year 2022-23, with new ideas. To support agency in our young learners, we decided to let them design the first and the fourth cover of the magazine. We started with the students of PYP 5 and what emerged is there for all to see. Beautiful cover pages were designed, thus fostering skills and dispositions like critical and creative thinking, confidence and independence in our students.

A tradition was broken in this issue of 'The Bugle' as the editorial was allocated the last page instead of the first one due to space management matters. Since change is the only constant in life, we may well be going back to our original space in the coming issues.

Our editorial board has expanded and we have Mr. Rahul Pandey joining us as an editor and Ms. Amleen Kaur and Ms. Ayushi Chandel joining us as designers.

There was a plethora of contributions this time which has been very encouraging. We hope to see more inputs from our parent community in the forthcoming issues.

Till then, enjoy reading 'The Bugle', happy reading!

Alka Sarkar

BIOSPHERE

The term "biosphere" was first discovered by Eduard Suess and was a term for "world ocean".

Biosphere is a combination of all spheres.

The biosphere defines the zone of life on Earth and includes living organisms interaction with Earth's surface.

The entire land, soil, water and air in which living organisms survive is called "biosphere".

ATMOSPHERE

By: *[Name]*

Importance of atmosphere:

- The atmosphere provides maintaining Earth's temperature.
- The atmosphere is a protection shield against radiation rays.
- Atmosphere is to make earth livable.
- It protects the earth from meteorites.
- It contains oxygen.
- Formation of clouds which will be rain later.
- It contains carbon dioxide.

WHAT IS ATMOSPHERE?

The envelope of gases surrounding the earth or other planets.

LITHOSPHERE

The crust varies from

around 5 km thick (in the ocean floor) to around 70 km thick (on land crust). The continental crust is where we live and is made of rocks that consist primarily silica and alumina called the "sil".

Unique Features of Lithosphere:

The lithosphere is the rocky outer part of the Earth. It is made up of the brittle crust and the top part of the upper mantle. It is the coolest and most stiff part of the Earth.

Importance of lithosphere:

- Lithosphere plays an important role for our life.
- It provides us forests, grassland for grazing, land for agriculture and human settlements and also rich source of minerals.

Fun Fact:

- The more you come to the center of the earth it becomes more dense.
- The oldest oceanic lithosphere is about 170 million years old, while parts of the continental lithosphere are billions of years old.

[Name]

BIOSPHERE!!

What is Biosphere?

Biosphere is a thin layer in the earth that surrounds plants, water and more things.

Key words: Biosphere, microbe, impact, gas, soil, water, forest, org, energy, nutrient, stress, cycle, resource, maintaining.

Why is it important?

If the biosphere didn't exist we could not have water, soil and land to live.

What biosphere consists:

- Humans
- All types of animals
- Trees
- Microbes

Human interaction:

Humans interact with biosphere when they use water, drink it and when they grow crops etc.

Some facts:

- The biosphere is a thin layer of gas, water, soil that surrounds the planet.
- The biosphere is responsible for maintaining life on earth.
- The biosphere is the living organisms in the crust of the earth.

HYDROSPHERE

Total Amount of Water on Earth (km³)

Evaporation: Water changes from liquid into vapor due to heat.

Condensation: Water condenses into liquid droplets as the air rises and cools to make clouds.

Precipitation: Water vapor is lost from plants and animals directly to the atmosphere.

Runoff: Water runs down the surface of the land into the ocean.

Infiltration: Water seeps into the ground.

Groundwater: Water that has infiltrated the ground.

Surface Water: Water on the surface of the earth.

Hydrosphere is about 4 billion years old. It is 97.5% fresh water and 2.5% salt water.

[Name]

LITHOSPHERE

Outer core: It extends to 2000 miles and is made up of Iron and Nickel.

Inner core: It extends to 4000 miles towards the center of the earth. It is a solid ball made of Iron and Nickel.

Mantle: It is made of hot thick rocky substance. It is 85% of the earth's mass. The first 50 miles of the mantle consists of very hard rocks. The next 150 miles are made up of super hot soft rocks. The hottest part of the mantle is made up of very soft rocks. It is 1800 miles thick.

Crust: It extends to about 25 miles. It is 3 times thicker than the crust underneath the ocean.

DID YOU KNOW?

- The crust occupies less than 1% of the earth's volume.
- The inner core is the hottest part of the earth and it is as hot as the sun's surface.

The lithosphere consists of all the non-living things.