



# NEWSLETTER

CAMPUS 44

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"أَعُوذُ بِاللَّهِ مِنَ الشَّيْطَانِ الرَّجِيمِ"  
"بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ"

وَمَا لَكُمْ لَا تُقَاتِلُونَ فِي سَبِيلِ اللَّهِ وَالْمُسْتَضْعَفِينَ مِنَ الرِّجَالِ وَالنِّسَاءِ وَالْوِلْدَانِ  
الَّذِينَ يَقُولُونَ رَبَّنَا أَخْرِجْنَا مِنْ هَذِهِ الْقَرْيَةِ الظَّالِمِ أَوْلِيَا وَاجْعَلْ لَنَا مِنْ لَدُنْكَ وَلِيًّا  
وَاجْعَلْ لَنَا مِنْ لَدُنْكَ نَصِيرًا (سورة النساء: 75)

ترجمہ:

آخر کیا وجہ ہے کہ تم اللہ کی راہ میں اُن بے بس مردوں، عورتوں اور بچوں کی خاطر نہ لڑو جو کمزور یا کردہ یا لیے گئے ہیں اور فریاد کر رہے ہیں کہ خدایا ہم کو اس بستی سے نکال جس کے باشندے ظالم ہیں، اور اپنی طرف سے ہمارا کوئی حامی و مددگار پیدا کر دے۔

تفسیر:

آیت مبارکہ میں مسلمانوں کو غیرت اور حمیت کا درس دیا جا رہا ہے کہ وہ کیوں اللہ کی راہ میں جہاد نہیں کرتے، جب کہ زمین پر کمزور اور بے بس مرد، عورتیں اور بچے ظلم و ستم کی چکی میں پس رہے ہیں؟ یہ وہ لوگ ہیں جو کسی جابر قوت کے شکنجے میں پھنسے ہوئے ہیں، جنہیں دین پر چلنے، عزت سے جینے اور اپنے بنیادی حقوق حاصل کرنے کی آزادی نہیں دی جا رہی۔ وہ فریاد کر رہے ہیں کہ کوئی انہیں اس ظلم کی بستی سے نجات دلائے، کوئی ان کا مددگار اور سہارا بنے۔ جہاد محض زمینوں کو فتح کرنے کا نام نہیں بلکہ ایک اعلیٰ انسانی، اخلاقی اور دینی فریضہ ہے، جو عدل و انصاف کے قیام اور ظلم کے خاتمے کے لیے ضروری ہے۔ اگر امت مسلمہ اس فریضے سے غافل ہو جائے تو اس کی بے بسی اس کے زوال کا سبب بنے گی، کیونکہ اللہ کا دین ظالموں کے ہاتھوں میں قید رہنے کے لیے نہیں آیا، بلکہ اسے غالب آکر دنیا میں عدل و حق کا نظام قائم کرنا ہے۔

فرمان نبی صلی اللہ علیہ وسلم:

عَنْ أَبِي مُوسَى الْأَشْعَرِيِّ رَضِيَ اللَّهُ عَنْهُ قَالَ: قِيلَ لِلنَّبِيِّ ﷺ، الرَّجُلُ يُقَاتِلُ شَجَاعَةً،  
وَيُقَاتِلُ حَمِيَّةً، وَيُقَاتِلُ رِيَاءً، فَأَيُّ ذَلِكَ فِي سَبِيلِ اللَّهِ؟ فَقَالَ رَسُولُ اللَّهِ ﷺ: مَنْ

قَاتَلَ لِيَتَكُونَ كَلِمَةً اللَّهُ هِيَ الْعُلْيَا فَهُوَ فِي سَبِيلِ اللَّهِ (صحیح بخاری: 7458، صحیح مسلم: 1904)

ترجمہ:

حضرت ابو موسیٰ اشعری رضی اللہ عنہ سے روایت ہے کہ نبی کریم ﷺ سے پوچھا گیا: ایک شخص بہادری دکھانے کے لیے لڑتا ہے، ایک اپنی قوم کی حمایت میں لڑتا ہے، اور ایک دکھاوے کے لیے لڑتا ہے، تو ان میں سے اللہ کی راہ میں کون لڑ رہا ہے؟  
"رسول اللہ ﷺ نے فرمایا: "جو شخص اس لیے لڑے کہ اللہ کا کلمہ بلند ہو، وہی اللہ کی راہ میں ہے۔"

## The Power of Perseverance

The power of perseverance. In a small village, there lived a young farmer named Aslam. His land was rocky and barren, and the villagers laughed at his attempts to make his land fertile. They believed that the land would always remain infertile. Despite their doubts, he worked day and night tirelessly. He tilled the soil, collected and used every drop of rainwater, and even carried soil from the nearby river to fertilize his fields. Aslam faced many challenges and, at the bottom of disappointment, thought he was wasting his efforts. But one day, his hard work and dedication paid off, and the villagers were shocked and inspired by Aslam's hard work. Aslam not only got rich fields, but there was also a vegetable garden with fertile soil, and it was golden. This hard work made the villagers believe that hard work is never useless. After many years, the children dug the gold and made jewelry to sell in the market. The moral of the story is that perseverance is very important, and you should never give up because your hard work and dedication can inspire other people.

**IMAD ABSAR V- GREY**

## The Brave Little Squirrel

The brave little squirrel. In a quiet forest, there was a squirrel named Nibbles who had a big dream. He wanted to jump across a wide river in the woods. The other animals laughed at him, saying, "You are too small!" But Nibbles didn't give up. He practiced jumping over rocks and logs every day. One morning, after a big rain, the river was strong. "This is my chance!" Nibbles thought. He carefully crossed the river, balancing on the tree, not looking down at the water below. Step by step, he made it to the other side. The forest cheered, "You did it, Nibbles!" From that day on, Nibbles became the brave squirrel in the woods, proving that even the smallest can do great things.

Moral: Even the smallest and seemingly weakest can achieve great things with perseverance, courage, and belief in themselves.

**AHMED AHSAN V- BLUE**

## Sports Day Fun

Yesterday we went to the campus ground for Sports Day. There were 4 teams: Iqbal House, Qasim House, Jinnah House and Khalid House. There were different kinds of games like cricket, football, and tug of war. The main games were the 100-meter race and cricket. In cricket, there were two overs in each match, and all teams were separated into pools for cricket and football. The teams were named A and B, respectively, for practice. I am the vice-captain of the cricket team. The teams match was against Khalid House. When I won the toss, I chose to bowl. Khalid House set a target of 20 runs. I really enjoyed this day.

**MUHAMMAD UMER SIDDIQUI V- GREY**

## The Island Adventure

Once upon a time, I was sleeping with my eyes open in a room that was different from my own. I opened the door and was shocked. There were so many doors open, and when I looked out the window, I saw that there were no lanes, only the sea. I ran to the door and got on a board. The board was moving automatically, far from my room, and it took me to an island. I was very hungry, so I decided to stop there. I thought there might be someone, and I asked if my father and mother were there. I then left the board and went on the island. I was very hungry, but I saw some fruits and vegetables. I was so happy! I ate the fruits, but then monsters surrounded me, and they started attacking me. I ran away and found a jungle. I rested under a tree, but then I saw a lion coming toward me. I realized I needed to leave. I ran back to the board, which was now moving again, and I shouted for help. But no one responded. Suddenly, my mother woke me up and asked why I was shouting. I realized it had all been a bad dream.

**NOMAN ALEEM V- ORANGE**

## **A Fun Day at the Farmhouse**

Last Wednesday, the principal arranged a picnic after we finished our monthly test at the Ideal Farmhouse. I was ready to go and packed my personal equipment like swimming clothes, slippers, and glasses. When I reached the school, I saw three buses there. I arrived at the school at 8 o'clock. We got into the buses at 9 o'clock and played different games on the way. We reached the farmhouse at 10 o'clock and had a short break. After half an hour, we all went to the swimming pool. We changed clothes and dived into the pool. After 2 hours, we were called to come out of the pool and change into our clothes to pray Salaah. After Salaah, we were provided lunch, which included biryani and cold drinks. After 15 minutes, we jumped back into the pool. At 4:45, they gave us ice cream, and at 5:30, we left the farmhouse and returned to the school. It was a nice and enjoyable day.

**ABDUL RAFAY AHMED RAZA V – ORANGE**

## **The Dream Space Adventure**

A new space movie was the topic of discussion in the town. One day, my family and I went to watch the space movie. I was really fascinated by its graphics and amazed to learn about the new world of planets, stars, comets, and galaxies. When we got back home, we were tired, so I lay down on the bed immediately, thinking about the movie. Suddenly, I looked up and saw a door opening in my room. I was shocked at first, but then I decided to enter it. When I went through, I realized I was on a spaceship. A robot asked, "Where do you want to go?" I was amazed. I decided to go to the moon. When I got there, I saw a silver dome on the moon. I wasn't baking, but it just felt hot because it has less gravity. Next, I went to Mars, where I had heard that aliens lived, but when I got there, I noticed there were no aliens, just a field of red dust. I then went to Mercury, but it was getting too hot, so I changed my plan and decided to go back home. But the spaceship went out of control and started moving straight to the sun. I was shouting, but then a loud voice called out, "You are late for dinner!" It was my mom. I woke up, rubbed my eyes, and realized it had only been a dream. I thanked Allah that it was just a dream.

**MUHAMMAD ASHAR SHAHID V – GREEN**

## My Love for Football

Football is one of my favorite sports because it brings my friends and me together. I enjoy running and kicking the ball on the field, and it keeps my legs healthy. It improves our body strength, and it is famous in other countries as well. In this game, there are two teams, and each team has 11 players. There is a limited amount of time for each match. Each team has a coach who plans everything for the team. Players can only use their legs to run and make goals. My favorite player is Ronaldo, who has millions of fans.

**TAHA JAFRI V- ORANGE**

## Proud of My Country

Assalamu Alaikum. Today, we'll discuss our country. Our country is a beautiful land filled with history, culture, and diversity. We are proud of its rich heritage, great leaders, and the values we follow. We have tall mountains like K2, rivers like the Indus River, green forests, and golden fields. Different people follow different religions like Islam, Hinduism, and Christianity. People speak various languages in our country, such as Urdu, Pashto, Balochi, Sindhi, and Punjabi. People celebrate different festivals and enjoy different types of food. The national flag is a symbol of our pride. Its white part represents equality with minorities. We must always respect our country. I love my country so much.

**MUSTAFA FARHAN V - ORANGE**

## Flying Boats

Have you ever seen an airplane land on the sea?

Do you want to enjoy both a boat and an airplane together?

Then come, let us ride in a flying boat.

That amazing machine is called a flying boat.

A flying boat is a special aircraft that can fly in the sky like an airplane and land on water like a boat.

That is why it is called a flying boat.

Flying boats are very useful.

They can land on seas, rivers, and lakes, so they are helpful in places where there are no airports.

During floods or emergencies, flying boats are used to rescue people and bring food and medicine.

Flying boats have a strong body shaped like a boat, which helps them float safely on water.

They also have wings and engines to help them fly high in the sky.

Some flying boats are used by the military, while others are used for travel and rescue work.

Flying boats are interesting and exciting machines because they let us enjoy both flying in the air and traveling on water.

They show how science and technology can make wonderful inventions that help people.

**MAAZ KHURRAM V GREEN**

## 5 Rivers of Pakistan

Today, let's know about our rivers.

### 1. Indus River

The Indus River is the longest river in Pakistan. It is 3,200 kilometers long. It starts in the mountains of Tibet and flows all the way through Pakistan into the Arabian Sea. Many people depend on it for farming and water.

### 2. Jhelum River

The Jhelum River flows through the beautiful valley of Kashmir. It is famous for its clear water and strong currents. Many fish live in Jhelum.

### 3. Chenab River

The Chenab River is very wide and carries a lot of water. Farmers use its water to grow crops like wheat and rice. It flows through Punjab and joins other rivers later.

### 4. Ravi River

The Ravi River is smaller than the Indus but very important for farming. It flows through the city of Lahore and gives water to many fields along its way.

### 5. Sutlej River

This river is called the younger brother of the Indus river. Because both rivers originate from the same lake.

The Sutlej River is the eastern most river of Pakistan's five rivers. It comes from the mountains and flows through Punjab, helping farmers grow food.

**MUHAMMAD IBRAHIM FAISAL V GREEN**

## Cultures of Pakistan

Pakistan is a multicultural country.

Each region has its own way of life, clothes, food, and traditions.

### 1. Punjabi Culture

People wear colorful clothes and love music and dancing. They enjoy food like roti, curry, and sweets.

### 2. Sindhi Culture

People are known for their beautiful embroidery and Ajrak (a special cloth). Sindhi music and folk songs are very popular.

### 3. Pakhtun Culture

People wear traditional Pakol hats and Shalwar Kameez. They are very hospitable and love poetry and folk stories.

### 4. Balochi Culture

People wear loose clothes and colorful dresses. They are famous for traditional music and crafts like embroidery and rugs.

### 5. Gilgit-Baltistan Culture

People live in mountains and wear warm clothes. They have their own festivals, music, and dances.

**IMAD ABSAR V GREY**

## Gaza–Israel War

The Gaza–Israel war is a conflict between Israel and a group in Gaza.

Gaza is a small area where many Palestinian people live.

The fighting happens because of long-standing problems about land, safety, and rights.

During the war, rockets and air attacks are used. Many innocent people, including children, killed, and homes and schools are damaged.

Life becomes very hard for families

Countries and organizations try to stop the fighting and help people with food, water, and medicine.

Many people around the world hope for peace, so children can live safely and go to school.

Message: War causes pain.

Peace and kindness are important for everyone.

**FAQ ALIV GREY**

## Good Citizen

A good citizen is a person who follows rules and helps others.

A good citizen respects parents, teachers, elders, and all people around him.

A good citizen obeys the laws of the country and follows school rules.

He keeps his surroundings clean and does not throw rubbish on the road. He protects public property like parks, buses, and schools.

A good citizen is honest, kind, and helpful.

He helps the poor, respects different religions and cultures, and speaks politely.

He loves his country and works for its progress.

Being a good citizen makes the society peaceful and strong. Every child should try to be a good citizen.

**MUHAMMAD AHMED FARUKH SALEEM V GREY**

## The Lion and the Mouse

One day, a lion was sleeping in the forest.

A little mouse came running and accidentally ran over the lion's nose.

The lion woke up angrily and caught the mouse.

The mouse was very scared and said, "Please let me go. One day I will help you."

The lion laughed and said, "How can a small mouse help a big lion?" Still, the lion felt kind and let the mouse go.

A few days later, the lion was caught in a hunter's net.

He tried hard but could not get free. He roared loudly for help.

The mouse heard the lion's roar and ran to him.

The mouse chewed the net with its sharp teeth.

Soon, the net broke and the lion was free.

The lion thanked the mouse.

From that day on, the lion and the mouse became good friends.

Moral: Kindness is never wasted. Even small friends can be very helpful.

**SHAHEER ISHTIAQ V GREEN**

## City of Light (Karachi)

Do you know about the city of light?

Karachi is called the City of Lights.

It is the largest city of Pakistan and a very busy place.

At night, the city looks bright and beautiful because of its many lights.

Karachi is an important city for trade, business, and education.

It has big markets, ports, factories, schools, and hospitals.

People from all parts of Pakistan live here, so it is a city of many cultures and languages.

The city is also famous for places like Clifton Beach, Quaid-e-Azam's

Mausoleum, and shopping areas. Karachi never sleeps and is always full of life.

Karachi is called the City of Lights because it is active, bright, and important for the whole country.

**SYED MUHAMMAD MUSTAFA V GREEN**

## World War I (1914–1918)

World War I was a very big war that started in 1914 and ended in 1918. Many countries of the world took part in it, mainly in Europe.

That is why it is called a world war.

The war began after the assassination of Archduke Franz Ferdinand of Austria.

Countries formed two main groups. One group was called the Allied Powers, and the other was called the Central Powers. They fought against each other.

Soldiers fought in trenches, which were long holes dug in the ground for safety.

Life in the trenches was very hard and dangerous.

New weapons like machine guns, tanks, and poison gas were used.

Millions of soldiers and civilians lost their lives in this war. In 1918, the war ended when Germany surrendered.

World War I changed the world and taught people the importance of peace and cooperation.

**AFFAN KAMRAN V BLUE**

## Sir Syed Ahmed Khan

Sir Syed Ahmed Khan was a great leader and teacher of the Muslims of the Subcontinent.

He was born on 17 October 1817 in Delhi.

He believed that education is the key to success.

After the war of 1857, Muslims were very weak in education.

Sir Syed wanted to help them. He told Muslims to learn modern subjects like science and English along with religious studies.

In 1875, he started a college in Aligarh called Muhammadan Anglo-Oriental College, which later became Aligarh Muslim University (AMU).

This college helped many Muslim students get a good education.

Sir Syed also wrote books and articles to explain Islam and remove misunderstandings.

He worked his whole life for education and unity.

Sir Syed Ahmed Khan is remembered as a great educationist who changed the future of Muslims through education.

**USMAN V GREY**

## Largest Animal

If you are thinking about dinosaurs, then forget about them. Because the Blue Whale is the largest animal that has ever lived on Earth, even bigger than the biggest dinosaurs. It lives in the ocean and is a very gentle giant. A blue whale can grow up to 100–110 feet (about 30–33 meters) long and can weigh up to 200 tons. That is as heavy as many buses together! Its heart is as big as a small car, and its tongue alone can weigh as much as an elephant. Blue whales eat mainly krill, which are very small shrimp-like animals. Even though krill are tiny, a blue whale can eat several tons of krill in one day. A blue whale's voice is very loud and can travel far underwater. They live in all major oceans of the world and swim long distances every year. Blue whales are good swimmers and can dive deep into the ocean to find food. Blue whales are endangered, which means there are not many left in the world. In the past, people hunted them a lot. Now they are protected, and we must take care of the oceans to help them survive. Even though they are huge, blue whales are peaceful and not dangerous to humans. The blue whale is truly one of the most amazing animals on our planet.

**ABDUL RAFAY V BROWN**

## **Badshahi Mosque, Lahore**

Badshahi Mosque is a very famous mosque in Lahore, Pakistan. It was built in 1673 by Mughal Emperor Aurangzeb.

This mosque is one of the largest and most beautiful mosques in Pakistan. It is made of red stone and white marble. The mosque has four tall minarets and a very big courtyard where thousands of people can pray together.

Badshahi Mosque is near Lahore Fort, which makes the area very special for tourists. Many people from all over the world come to see this mosque.

Today, Badshahi Mosque is not only a place of prayer but also a symbol of Pakistan's history and culture.

**SYED AFFAN V- PURPLE**

## **Lal Suhanra National Park**

Lal Suhanra National Park is a famous national park located near Bahawalpur, Pakistan. It was declared a national park in 1972. It is one of the largest national parks in Pakistan.

The park is special because it has three different areas: green forests, beautiful lakes, and dry desert land. Many animals and birds live here, such as deer, jackals, foxes, rabbits, and colorful birds. The park also has many trees and plants that help keep the air clean.

People visit Lal Suhanra National Park for picnics, walking, and enjoying nature. Students often visit the park to learn about wildlife and the environment. This park is important because it protects animals, plants, and natural beauty for future generations.

**TAHA V ORANGE**

### MY SMALL ROBOT

Today, I talked about robots. I made a home-made robot. It talks and walks. First, I went to the science lab and I saw scientists. They were researching. They all make gorgeous robots, but I made a small robot. A robot is very beautiful. It works really well. The robot talks to other scientists. Other scientists told me, "You made a very good robot." Jazak Allah!

**(AFFAN FAROOQI V-YELLOW)**

### Watching Stars

Last night, I looked at the stars. I saw the moon shining bright. I learned that stars are very far away, but they look small from here. I used a small telescope to see them closer. I want to be an astronomer when I grow up.

**(ABDUL REHMAN USMANI V-GREEN)**

### The Plant Experiment

In science class, I planted a seed in a pot. I gave it water and sunlight every day. After some days, it grew into a small plant. I learned that plants need water, air, and sunlight to grow. I am very proud of my little plant.

**(S M SUBHAN NOOR V-RED)**

### Making a Volcano

Today, we made a volcano in the science lab. We used baking soda and vinegar. When we mixed them, the volcano erupted with red foam! It was amazing to see how science can make a small experiment so exciting.

**(ABBAS AYZ M KHAN V-BLUE)**

### The Science Fair

In our school science fair, I showed my project about water and ice. I explained how ice melts in the sun. Many friends liked my project. The teacher said, "You did a good job!" I felt very happy.

**(UZAIR AHMED V-RED)**

## The Solar System Adventure

Today, I learned about the solar system. The sun is very hot, and it gives us light. There are eight planets around it. I drew all the planets in my notebook. I want to visit space when I grow up!

**(SYED MAAZ ABDUL HAKEEM V-RED)**

## How Alien made me love science

Once upon a time, late at night, I saw a spaceship landing in my balcony. At first, I was very scared, but then I started to feel a little excited too. The aliens came out and told me, "You don't like science? We'll make it your favorite subject!"

I asked, "But how?"

They told me to sit in their spaceship. After some time, we reached space. I saw many amazing inventions and learned new things.

From that day on, science became my favorite subject.

**(M AFFAN KAMRAN V-BLUE)**

## A day at a science lab

We went on a trip to the Science Laboratory. The place was very nice and had many exciting activities.

We started our journey with the climbing wall. Then we brushed a giant set of teeth. After that, we went to the water area where we experimented with water. We also controlled a space rocket simulation, which was very fun!

Next, we entered a rotating house, which felt amazing. After all the activities, we sat in the food court to eat. At the end of the visit, we played a big game of chess.

It was a fun and educational experience!

**(TALHA MANSOOR V-BLUE)**

## Our Road Trip

Last summer, when our summer vacation arrived, my father announced that we were going on a trip to Pakistan. We were super excited! We planned to first visit Lahore's historical places, then head to Islamabad, and finally explore Pakistan's northern areas.

It was a 10-day tour, and we packed our bags for a road trip.

We started in Lahore, visiting iconic spots like Shahi Qila and Badshahi Masjid. From there, we headed to Islamabad and checked out Faisal Masjid and Margalla Hills. Finally, we made our way to the northern areas.

In Naran, we decided to camp in a scenic spot. A local warned us not to camp there, saying it was a bit dangerous, but didn't listen. At night we heard a strange noise and didn't listen. At night a scary bear attacked our tent ripping it apart but luckily the same local saved us as he was the security guard in that area. We were all saved and got a lesson that not to ignore someone else's warning.

**(M. ASHER SHAHID V - GREEN)**

## My Big Science Day

I love science! While my friends were playing games, I was busy in my room with bottles, wires, and glue, trying to make something special: a small fan that runs on sunlight.

Many people told me, "You're too young, or it won't work." But I didn't give up. I tried many times; sometimes the wires broke, and sometimes the sun wasn't bright. I felt sad, but I kept trying.

## The Presentation

On Science Fair day, I was a bit scared. My hands were shaking. I put my fan on the table near the window.

The teacher asked, "How does it work?" I smiled and said, "It uses the sun's power to give cool air without any batteries." Suddenly, the sun came out from the clouds. The fan started spinning super fast! Whirr! Whirr!

Everyone clapped for me, and my teacher gave me a gold star. That day, I felt like a real scientist.

**(MUHAMMAD MAAZ V-GREEN)**

## My Essay on Robots

Assalam-u-alaikum.

My name is Syed Muhammad Mustafa.

Today I am telling you about robots. A robot is a machine that can perform tasks automatically.

Fact: Robots don't look like humans; most look like machines or arms.

Just like humans have bodies, robots have specific parts to help them work.

The brain (controller) is usually a computer chip that tells the robot what to do.

The body (structure) is the frame that holds everything together.

Sensor: These are like the robot's eyes and ears (they detect light, sound, and touch).

**(SYED MUSTAFA AFZAL V-GREEN)**

## The Mysterious Island

Once upon a time, there were two friends in a modern town. One was Ali and the second was Saad. They were adults, so they planned to go for hiking and they went to another island for hiking, but they didn't know that the island was mysterious.

When they took their first step on the island, they felt weird. Ali was thirsty, so he thought of mango juice. Only just as he thought a glass filled with mango juice came in front of his eyes. They shocked and they thought there were rich, so it came true. And then they thought of a mischievous idea to annoy citizens, so their all wishes that came true all gone in a second.

Moral: Not to be greedy. Greed is a curse.

**(ALIYAN UBAID V-GREEN)**

## Learning Science through Experience

At USMAN Public School, Campus 44, the Science Faculty believes that true learning happens when students explore, observe, and experience concepts themselves. Throughout the academic year, our Grade 5 students actively participated in hands-on activities, experiments, and model-based learning that made science meaningful and enjoyable.

This newsletter highlights the learning journey of our young scientists through various chapters and practical activities conducted in the classroom and science laboratory.

## Chapter: Flower and Seeds

### Activity: Parts of a Flower Model

In science class, students explored the chapter Flower and Seeds through a colorful flower model. Using the model, the teacher explained the parts of a flower such as sepals, petals, stamens, and pistil. This visual learning helped students clearly understand how flowers grow and how seeds are formed.

Student Reflection:

I learned about flowers and seeds. Our teacher made a flower model and explained all its parts. I saw the sepals, petals, stamens, and pistil clearly. When I saw the model, it became easy for me to understand how a flower grows and makes seeds.

I really enjoyed this activity because learning with a model was fun and interesting. It helped me remember the parts of a flower easily.

**(ABDUL AHAD HASAN – CLASS V BROWN)**

## Chapter: Chemical and Physical Changes of Matter

Students learned the difference between chemical and physical changes by discussing daily life examples. They discovered that some changes can be reversed while others cannot. This chapter helped students connect science concepts with real-life situations.

### Student Reflection:

I learned about chemical and physical changes in science. We discussed how some changes can be reversed, and some cannot. I understood that melting ice is a physical change, but burning paper is a chemical change.

This topic made me think more about daily life changes. I liked this lesson because it helped me understand science around me.

**(MOIZ ALAM – CLASS V PURPLE)**

## Chapter: Space and Satellites

Activity: Sun, Moon, Earth, and Satellite Models

To understand space and satellites, students created models of the Sun, Moon, Earth, and satellites. Through this activity, they learned how satellites move around the Earth and how celestial bodies are connected.

Student Reflection:

“, we did an activity about space and satellites. Some students made models of the Sun, Moon, Earth, and satellites. When I saw the models, I understood how satellites move around the Earth.

This activity was very exciting. I felt like I was learning about real space. It made me more curious about the universe.

**(ABAAN WAJID – CLASS V ORANGE)**

### **Chapter: Solution, Solute, and Solvent**

Activity: Laboratory Experiment

Students performed a lab activity to understand solutions. By mixing substances in water, they identified solute and solvent practically. This experiment strengthened their understanding through observation and participation.

#### **Student Reflection:**

“We performed a lab activity on solution, solute, and solvent. We mixed different things in water and observed what happened. I learned that sugar is a solute and water is a solvent.

Doing the experiment by myself was very interesting. I enjoyed working in the lab and learning science practically.”

**(M EZAAN – CLASS V ORANGE)**

### **Chapter: Structure and Types of Soil**

Activity: Soil Observation Practical

In this practical activity, students examined different types of soil including sandy, clay, and loamy soil. They observed texture, color, and water absorption to understand soil properties and their importance for plant growth.

#### **Student Reflection:**

“In science class, we studied different types of soil. We observed sandy soil, clay soil, and loamy soil. I learned that different soils have different uses.

This activity helped me understand why some plants grow better in certain soils. I liked touching and observing the soil samples.

**(SYED MUHAMMAD. AFFAN CLASS V PURPLE)**

### **Chapter: Structure of the Earth**

Students learned about the three layers of the Earth: crust, mantle, and core. This chapter helped them understand what lies beneath the Earth's surface and how our planet is structured.

#### **Student Reflection:**

I learned about the structure of the Earth in science class. I found out that the Earth has three layers: crust, mantle, and core. The core is very hot. This lesson was interesting because I learned what is inside our planet. It made me feel amazed about the Earth.

**(MUSTAFA AKRAM – CLASS V CYAN)**

### **Chapter: Electricity and Magnetism**

Through classroom discussions and demonstrations, students explored electricity and magnetism. They learned how magnets attract certain materials and how electricity is used in daily life.

#### **Student Reflection:**

In science class, we learned about electricity and magnetism. I learned how magnets attract iron and how electricity helps us in daily life. This topic was very useful. It helped me understand how fans, lights, and other things work at home.

**(TAHA BAIG – CLASS V CYAN)**

### **Conclusion: A Year of Scientific Growth**

The Science Faculty at USMAN Public School, Campus 44, takes pride in creating an engaging learning environment where students learn by doing. These activities and experiments not only improved students' understanding but also developed curiosity, confidence, and a love for science. We look forward to continuing this journey of discovery and innovation in the years ahead.

**SCIENCE FACULTY USMAN PUBLIC SCHOOL – CAMPUS 44**

## کہانی: عنوان بھوکا شیر

ایک دن ایک شیر جارہا تھا تو اس نے وہاں ایک ہرن دیکھا اور وہ کچھ دنوں سے بھوکا تھا اور اس نے سوچا کہ میں اس کو کھا جاتا ہوں پھر وہ دھیرے دھیرے ہرن کی طرف بڑھ رہا تھا جیسے ہی وہ قریب گیا تو ہرن نے اس کی چلنے کی آواز محسوس کی اور وہ وہاں سے فوراً بھاگ گیا شیر اتنا تھکا ہوا اور کمزور تھا کہ وہ ہرن کو پکڑ نہ سکا اور وہ شیر بھوکا ہی رہ گیا۔

**جماعت پنجم فیروزی عبدالرفع مرزا**

## کہانی: مدد

السلام علیکم میرا نام بلال ناصر ہے اور میں جماعت چہارم کا طالب علم ہوں اور آج میں آپ کو ایک کہانی سنانے جارہا ہوں تو ایک دفعہ کا ذکر ہے کہ میں ایک سگنل پر راکا تو میرے پاس ایک ہٹا کٹا بھکاری آیا اور اس نے ہاتھ پھیلا لیے جب میں نے جیب ٹٹولی اتفاق سے میری جیب میں ایک ہزار روپے کا ایک ہی نوٹ تھمیں نے وہی نوٹ بھکاری کو دے دیا بابا کہتے تھے کبھی کسی فقیر کو خالی ہاتھ مت لوٹانا جب میں کہتا کہ بعض ہٹے کٹے حقدار نہیں ہوتے تو بابا حضرت علی رضی اللہ عنہ سے منسوب قول سناتے خدا نے ہمیں بھی تو اتنا کچھ دیا ہے جس کے حقدار نہیں ہیں اگلے دن دوبارہ مجھے اسی سگنل پر راکنا پڑا میں نے دیکھا ایک دن پہلے کا بھکاری سر پر ٹوکے رکھے ناریل بچ رہا ہے سبق اس کہانی سے یہ سبق ملتا ہے کہ ہمیں ہمیشہ دوسروں کی مدد کرنی چاہیے جزاکم اللہ خیر۔

**بلال ناصر جماعت: سہمئی**

## کہانی: لالچ کا انجام

ایک دفعہ کا ذکر ہے کہ ایک امیر آدمی اپنے ملازم کے ساتھ جنگل میں شکار کرنے گیا تھا وہ کھانا کھانے کے لیے ہاتھ دھونے کے لیے وہ اپنی گھڑی اتارتا ہے وہ واپس گھڑی پہننا بھول جاتا ہے صبح سویرے جب وہ اپنی گھڑی دیکھتا ہے تو اس کو یاد آتا ہے کہ اس نے گھڑی جنگل میں اتاری تھی وہ اپنے ملازم کو کہتا ہے کہ میری وہ قیمتی گھڑی کا پتہ لگاؤ کہ وہ کہاں ہے وہ بہت ہی پریشان ہوتا ہے اس کے ملازم نے اس کو مشورہ دیا کہ وہ اعلان کروائے مگر امیر آدمی کہتا ہے مجھے اچھا نہیں لگتا کہ کوئی آئے اور کسی اور کے اوپر شک کرے اس لیے وہ اعلان کرواتا ہے جو بھی میری سونے کی گھڑی ڈھونڈ کے لائے گا اسے ایک لاکھ روپے ملیں گے ایک غریب آدمی یہ بات سن کر بہت خوش ہوتا ہے اور لالچ میں آکر نقلی سونے کی گھڑی خریدتا ہے اور امیر آدمی کے گھر جا کر اسے کوئی ایک گھڑی دے دیتا ہے۔ امیر آدمی خوش ہو کر اسے انعام دے دیتا ہے اور وہ گھر چلا جاتا ہے امیر آدمی اپنی گھڑی کو پہچانتا تھا اس لیے اس کو واپس بلاتا ہے اور کہتا ہے یہ تو میری گھڑی ہی نہیں تم نے جھوٹ بولا ہے غریب آدمی کہتا ہے مجھے لالچ آگئی تھی اس لیے میں نے جھوٹ بولا امیر آدمی اس کو سزا دیتا ہے اسی لیے بڑے صحیح کہتے ہیں کہ لالچ بری بلا ہے۔

**عماد ابصار جماعت: سہمئی**

## عنوان وقت کی پابندی

وقت کی پابندی ہر انسان کی زندگی میں اہم کردار ادا کرتی ہے۔ وقت کی پابندی کرنا ہر چیز میں بہت ضروری ہے وقت ایک قیمتی دولت ہے ہمیں اپنا ہر کا وقت پر کرنا چاہیے جو لوگ وقت کی پابندی نہیں کرتے وہ ناکام ہوتے ہیں جو اور جو لوگ وقت کی پابندی کرتے ہیں وہ کامیاب ہوتے ہیں جو لوگ وقت کی قدر نہیں کرتے اللہ تعالیٰ ان کو پسند نہیں کرتا۔ اور جو وقت کی قدر کرتا ہے وہ بہترین ہو جاتا ہے دنیا کا ہر نظام وقت کی پابندی کے ساتھ چلتا ہے وقت کسی کا انتظار نہیں کرتا وقت کی پابندی انسان کو بہتر سے بہترین بناتی ہے وقت کی پابندی کرنا انسان پر فرض ہے۔

### جماعت چہارم سرمنی نام یوشع علی

## مزیدار لطیفے

- سلیم امجد سے تمہارے ابو کیا کام کرتے ہیں؟  
 - امجد وہ ایسا آلہ بناتے ہیں کہ جس سے دیوار کے آر پار دیکھا جاسکتا ہے  
 سلیم حیرت سے اچھا اس آلے کا نام کیا ہے؟  
 امجد: کھڑکی۔  
 دلچسپ پہیلیاں (جواب، ناریل، انڈا، چشمہ، تربوز)  
 ۱: بتائیں وہ کیا ہے جس کو بھوک لگنے پر کھا سکو اور پیاس لگنے پر ہی پی سکو۔  
 ۲: بتائیں وہ کیا ہے جو گرم کرنے پر جم جاتی ہے  
 ۳: بتائیں وہ کیا چیز ہے جو ہماری ناک پر بیٹھ کر ہمارے کان پکڑتا ہے۔  
 ۴: لال دیواریں کالے چوکیدار بتائیں ایسی کیا چیز ہے

### باسم امان چہارم فیروزی

## عنوان: دو بچے دو چور

ایک دفعہ کا ذکر ہے دو بھائی تھے ایک کا نام حمزہ دوسرے کا نام باسم تھا حمزہ 10 سال کا تھا اور باسم کی عمر 11 سال تھی ایک دفعہ دونوں کھیل رہے تھے۔ ایک جگہ دونوں نے دیکھا کہ ایک چور ایک بچی کے کھلونے چوری کر رہا تھا حمزہ اور باسم نے چور کو دیکھ لیا۔ مگر یہ کچھ کر نہیں سکتے تھے کیوں کہ ان کے ابو اور امی ملک سے باہر گئے ہوئے تھے اس لیے یہ کچھ کر بھی نہیں سکتے تھے چار دن بعد جب ان کے ابو واپس آگئے تو پولیس اس چور کو ڈھونڈ رہی تھی ایک دن باسم کو خواب آتا ہے کہ چور کوئی اور نہیں اس کے چاچو اور اور نگزیب ہیں جب اسے یہ خواب آتا ہے تو وہ بہت دکھی ہوتا ہے وہی خواب حمزہ کو آتا ہے۔ دوسرے دن یہ ایک دوسرے کو اپنا خواب سناتے ہیں پھر اپنے ماموں کے ساتھ پولیس کے پاس جا کر سب کچھ بتاتے ہیں۔ ان کو یہ ب بھی بتایا جاتا ہے کہ ان کے بابا اور چاچو ہی چور تھے اس لیے ان کو گرفتار کیا جاتا ہے اور کیس حل ہو جاتا ہے۔

### محمد ظہ بیگ پنجم فیروزی

## میرا پسندیدہ جانور

میرا پسندیدہ جانور بلی ہے مجھے یہ بلی بہت پسند ہے کیونکہ یہ بہت معصوم ہوتی ہے اور انسانوں کے ساتھ گھل مل جاتی ہے ان میں خوبصورتی بھی بہت ہوتی ہے میرے پاس ایک بلی ہے جو مجھے ساگرہ کے موقع پر تحفے میں ملی تھی میں اس کا خوب خیال رکھتا ہوں اور اس کے ساتھ روز کھیلتا ہوں۔

سید محمد طہ جعفری پنجم نارنجی

## پیڑ پودوں سے لگاؤ

ایک دفعہ کا ذکر ہے ایک لڑکا اپنے شہر میں رہتا تھا۔ اس کا نام موسیٰ تھا۔ اسے پیڑ پودوں سے بہت پیار اور لگاؤ تھا۔ وہ ہر دن ایک نیا اور نوکھا پیڑ لگاتا، ایک دن وہ سڑک پر سے گزر رہا تھا تو اس نے دیکھا کہ سڑک پر ایک آدمی درخت کاٹ رہا تھا۔ اس نے سوچا کہ میں اس آدمی کو روکوں، لیکن وہ آدمی رکنے کا نام ہی نہیں لے رہا تھا، اور ایک کے بعد ایک درخت کاٹے جا رہا تھا، پھر موسیٰ نے سوچا میں اس آدمی کو کیسے روکوں، پھر وہ فوراً اپنے گھر گیا اور اپنے ابو کو بلوایا، وہ دونوں جلدی سے آئیں اور اس آدمی کو سمجھایا کہ درخت ہی ہمیں سایا دیتے ہیں آکسیجن دیتے ہیں۔ اس لیے اس آدمی نے اللہ سے توبہ کی اور اپنی اپ سے وعدہ کیا کبھی درخت کو نہیں کاٹے گا

جماعت پنجم احمد احسان

## اللہ سے ڈرنا

کرونا وائرس سے ڈرتے ہو اللہ سے ڈرنا  
لا حول ولا قوۃ الا باللہ کہو پڑھنا  
ہر ایک بیماری کی شفاء رکھی ہے رب نے  
اس کو شکست دینے کے لیے اگے بڑھنا  
قرآن میں موجود ہے ہر مسئلے کا حل  
آیت کریمہ سبھی کثرت سے پڑھنا  
اقانے جو بتائی ہے مسنون دعائیں  
ان سب کا صبح و شام اہتمام کرونا  
لازم ہے احتیاط اور پرہیز بھی لیکن  
ہر وقت پاک صاف با وضو بھی رہنا  
چوری و سود جھوٹ و حسد غیبت و گالی  
جتنے برے اعمال ہیں ان سب سے بچنا  
کرتے ہوئے دنیا سے زیادہ فکر آخرت  
اللہ اور محمد کی شریعت پہ چلنا  
آئے ہی جارہا فتنے پہ نیا فتنہ  
سب اللہ کی رسی کو مضبوطی پکڑنا

دنیا کی زندگی کے لیے کیوں ہو ہر اسماں  
اللہ کے لیے جیو اور اللہ پہ مرونا  
جب کرو تم اللہ پہ بھروسہ و توکل ہر گز نہ کسی شک و کشاکش میں پڑو نا

**محمد سبحان احمد سبزیںجم**

## ایک مسلمان اور ہندو

ایک مسلمان اور ہندو  
ایک دن کسی ہندو نے روکا چلتے ہوئے اس کو  
صاحب کہاں کی راہ ہے بتا دے ذرا مجھ کو  
وہ تھا تو مسلمان تو ادب سے یہ بولا حضرت میری راہ سے آخر آپ کو کیا ہے مسئلہ  
راہ ہے میری مسجد کی طرف بتا دوں ذرا تجھ کو  
راہ ہے تیری کہاں یہ بھی تو بتا مجھ کو  
ہندو نے کہا واہ میری راہ سے آخر تجھ کو کیا ہے مسئلہ  
راہ ہے میری کہاں کی اس میں تجھ کو کیا ہے کھٹکا مسلم نے کہا یوں اللہ سے ہے ڈر  
بت پرستی چھوڑ کے اسلام کی طرف بڑھ  
موت کبھی بھی آسکتی ہے بتا دوں ذرا تجھ کو  
وقت ہے ابھی کر لے تو توبہ بتا دوں ذرا تجھ کو  
بڑی شرمندگی سے اسنے کہا کہ اے حضرت  
دل میں آچکی ہے نہ تیرے دین کی محبت اسلام ہے نرالا اور سچائی کا اعلیٰ  
انصاف ہے اس میں اور پاک کی بھی ہے اس میں  
جلدی سے پڑھا دے تو مجھے پہلا وہ کلمہ  
وقت ہوا خری جب میرا تو زبان پہ ہو یہ کلمہ

**جماعت پنجم محمد ابراہیم**

## نظم ماں

پیار سے سب کو لا کر دے      بھوک لگے تو کھانا دے  
روز وہ اپنا حصہ دے      پیار سے بولے کھاو تم  
پیٹ وہ سب کا بھرتی ہے      کام وہ دن بھر کرتی ہے  
خواب میں بس میں کھو جاؤں      گود میں اس کی سو جاؤں  
روز دعا وہ دیتی ہے      میری ماں پیاری ایسی ہے

## ابراہیم مسعود جماعت فیروزی

## مومن کی دعا

اے میرے لوگوں اللہ کا ذکر کرو  
اس کی عبادت کرو اس سے ہر دم خوف رکھو  
دین پر چلیں گے ہم ہر دم نیک عمل کریں گے ہم ہر دم نماز پڑھیں گے قرآن پڑھیں گے  
ہر وقت ہم با وضو رہیں گے صبر کریں گے ہم احکامات پر عمل کریں گے ہم  
ہر وقت کریں گے نیک عمل ہم  
والدین کی فرمانبرداری سے کبریا ہے راضی  
وقت گزر گیا پھر تو وہ ہو گیا ماضی  
اللہ کے نزدیک ہے پسندیدہ دائمی عمل  
تمام نیک کام کر کے ہم کریں گے جنت کو مکمل متقی لوگ ہیں اللہ کو بے حد پسند  
اسی لیے تو ہیں ان کے درجات بلند  
خوش اخلاقی اور انکساری ہم لوگ دکھائیں  
ہر وقت اللہ کا ذکر ہم لوگ کریں پانچ وقت کی نماز ہم لوگ پڑھیں تاکہ ہم بھی جنت میں داخل کیے جائیں

## جماعت پنجم شاعر محمد ہارون

## شاخ چوالیس کی شان نرالی

کمپیوٹر کے استاد ہیں سر حدید  
 ہر سسٹم میں مہارت کی ہے یہ تاجدید  
 پرکاش اور اسلم بھائی کا یہ عہد ہے بڑا  
 ہر کچرے کو صاف کرنا ہے ان کے رہن سہن سے جڑا  
 جہاں جہاں قدم ان کے پڑیں، ہو صفا کا نشان  
 ان کی محنت سے جگمگائے ہر اسکول کا کون و مکان  
 مسئلے ہو یا ہو کوئی بھی پیچیدگیاں  
 سر عبداللہ سر سالار کی رہنمائی میں ملتی ہیں آسانیاں  
 ایڈمن ہیں ہمارے حسن بھائی  
 کاموں کی دنیا میں ہے نئی راہ دکھائی  
 نظم و ضبط سے ہر کام وہ کرتے ہیں  
 سلیقہ و محبت سے ہم سب سے ملتے ہیں

جماعت پنجم سبزا احمد صدیقی

ہم ہیں پنجم سبزا کے بچے سچے بھولے بھالے بچے  
 استاد ہمارے ہیں سر طلحہ ان کے آتے ہی سب منالیں اپنی خیر  
 سر طلحہ ہیں سائنس کے ماہر خشتاں علم و ہنر کا ہے ان سے ہی ساماں  
 درس دیتے ہیں الفاظ میں روشنی  
 بچھاتے ہیں راہوں میں خوشبو نئی  
 قلم کی روانی زبان کی مٹھاس  
 سر طلحہ کی باتوں میں ہے کچھ خاص  
 ہر ایک لفظ میں ہے سلیقہ بھر ادھ استاد ہو جیسے ماہ ہرا  
 جو ستوپنی کر سو جاتے ہیں سر نور حبیب آکر انہیں جگاتے ہیں  
 معلوماتی مضمون ہے سب کو پسند  
 پڑھاتے ہیں سر عبدالحمید بہ خوبی بلند  
 سر طلحہ ہے سائنس کے سائنسدان  
 سمجھاتے ہیں ایسے کہ سمجھ جائے پٹھان  
 سر عمر سعید ہیں بہت ہی پیارے  
 بچوں کو دن میں دکھاتے ہیں تارے  
 حسابوں کا حساب لیتے ہیں سر ابراہیم  
 کیا خوب مثالیں دیتے ہیں سر ابراہیم  
 پی ٹی کی خوشی میں نیند نہ آئے  
 خواب میں بھی سر طلحہ گیمز کھلائیں  
 سر سفیان کو ہے پڑھانے کا شوق  
 ہم بھی ان سے پڑھنے کا بہت رکھتے ہیں ذوق  
 استادوں کے استاد ہیں سر طلحہ  
 ہے علم و عمل میں جن کا روشن چرچا  
 سکھاتے ہیں سب کو وہ راہ و وفا  
 مثال چراغ ہیں راہ مصطفیٰ محنت کی راہوں پہ ہم کو چلایا  
 ہے علم عمل میں جو سب سے بڑا  
 شاگردوں پہ رکھتے ہیں شفقت بھرا ہاتھ  
 دعاؤں میں رہتی ہے جن کی ہی بات  
 کتابوں کے صفحات میں چھپے ہیں جو راز  
 سر اسامہ کے ہاتھوں میں ہے علم کا ساز

**GALLERY**













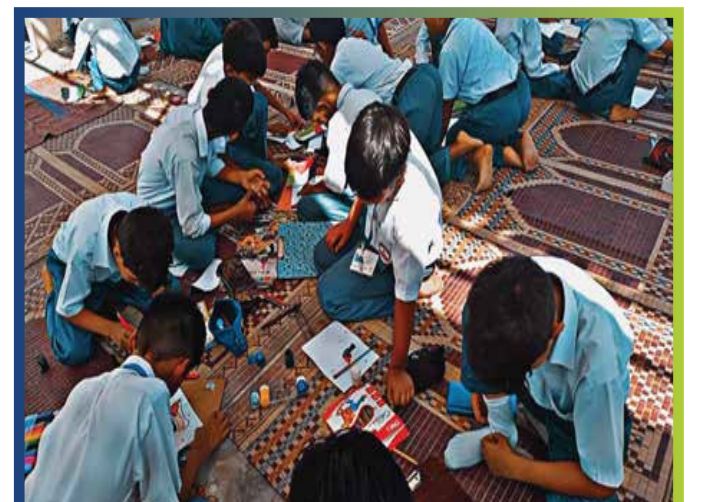
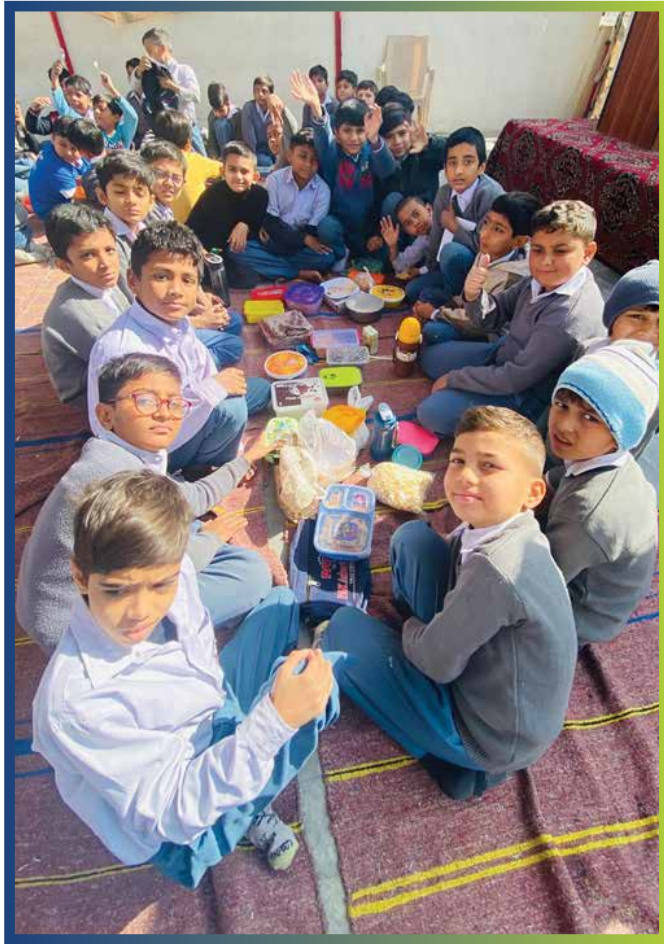










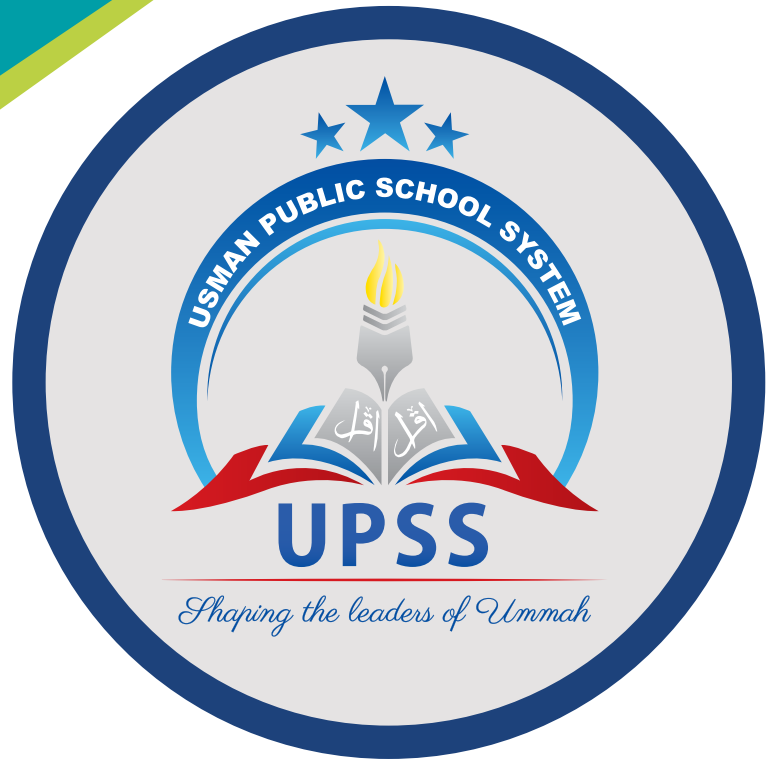












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