



KUTIYANA MEMON ACADEMY, SEPTEMBER 2024

NEWSLETTER

**CONGRATULATIONS TO OUR CLASS 1
STUDENTS FOR ACHIEVING FULL ATTENDANCE!
YOUR DEDICATION AND COMMITMENT ARE
TRULY INSPIRING. KEEP UP THE AMAZING
WORK, YOUNG CHAMPS!**



School Newsletter



**DEFINITE AND INDEFINITE
ARTICLES (THE, A, AN)
NEWSPAPER ACTIVITY IN
PROGRESS.**





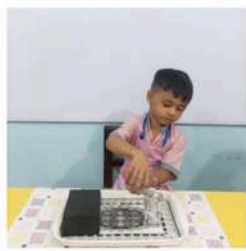
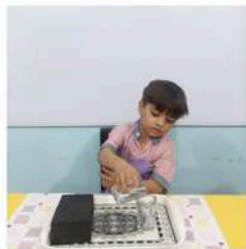
MONTESSORI ★ KIDS







MONTESSORI ★ SPECIAL





TEACHERS' MILAD CELEBRATIONS





MONTESSORI MILAD CELEBRATIONS



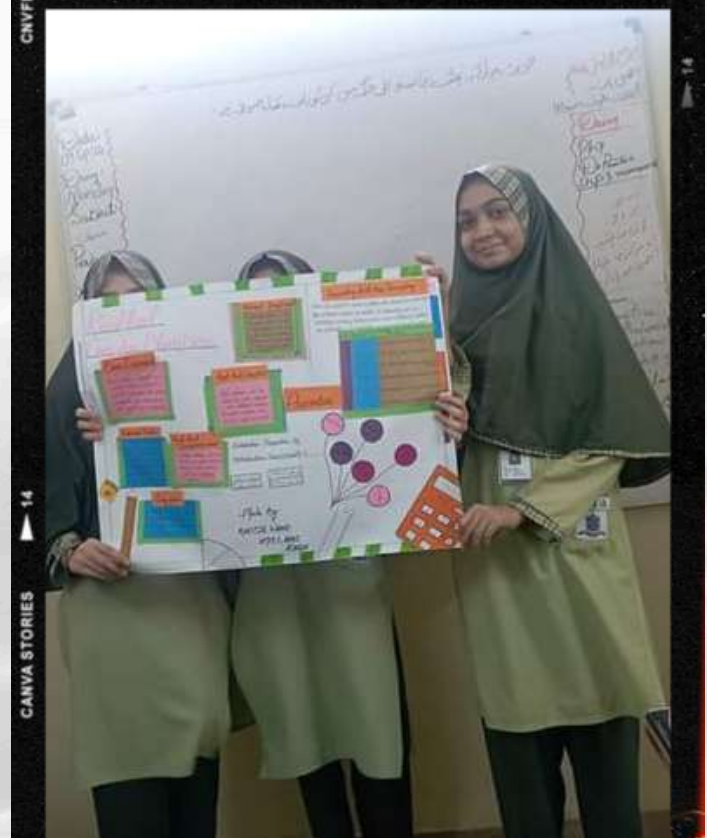


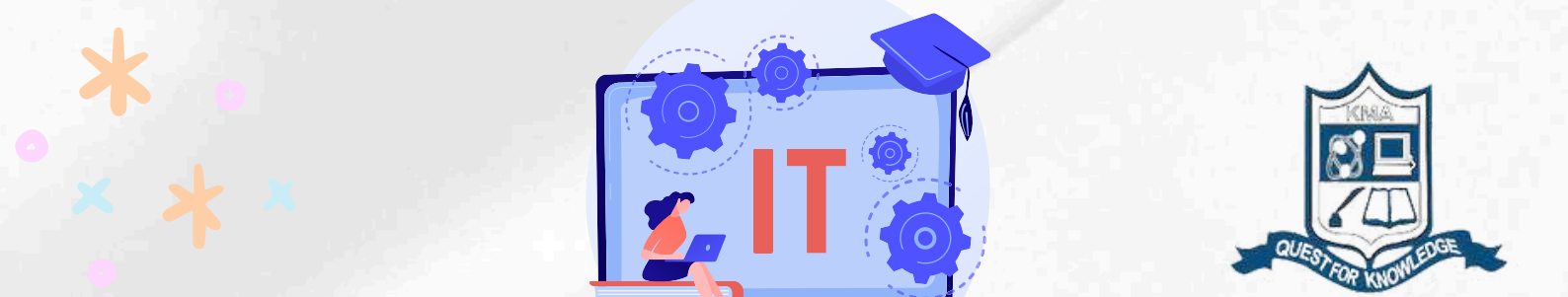
Urdu Activity: "Roshan Zameer Larki"





Mathematics Presentation by Class IX Students





KMA I.T Institute
Facilities:

- ✓ Air conditioned labs
- ✓ High-speed internet access
- ✓ Well-equipped computers with the latest technology
- ✓ Expert instructors with industry experience
- ✓ Certification upon course completion
- ✓ Hands-on training in real-world projects



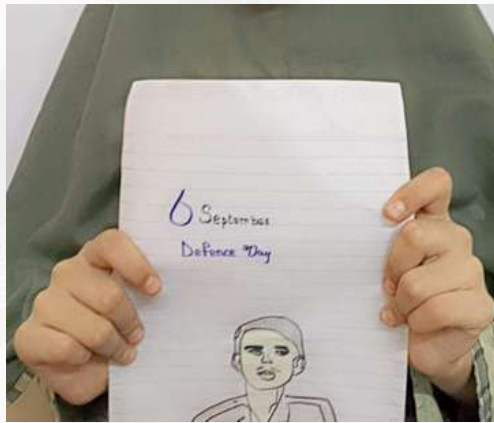
**EXCITING LEARNING MOMENTS AT
KMA IT INSTITUTE! OUR
STUDENTS ARE FULLY
IMMERSED IN HANDS-ON
TRAINING, MASTERING THE
LATEST IT SKILLS. PROUD TO SEE
SUCH DEDICATION AND GROWTH.**





PAKISTAN DEFENCE DAY CELEBRATIONS 2024





PAKISTAN DEFENCE DAY CELEBRATIONS 2024

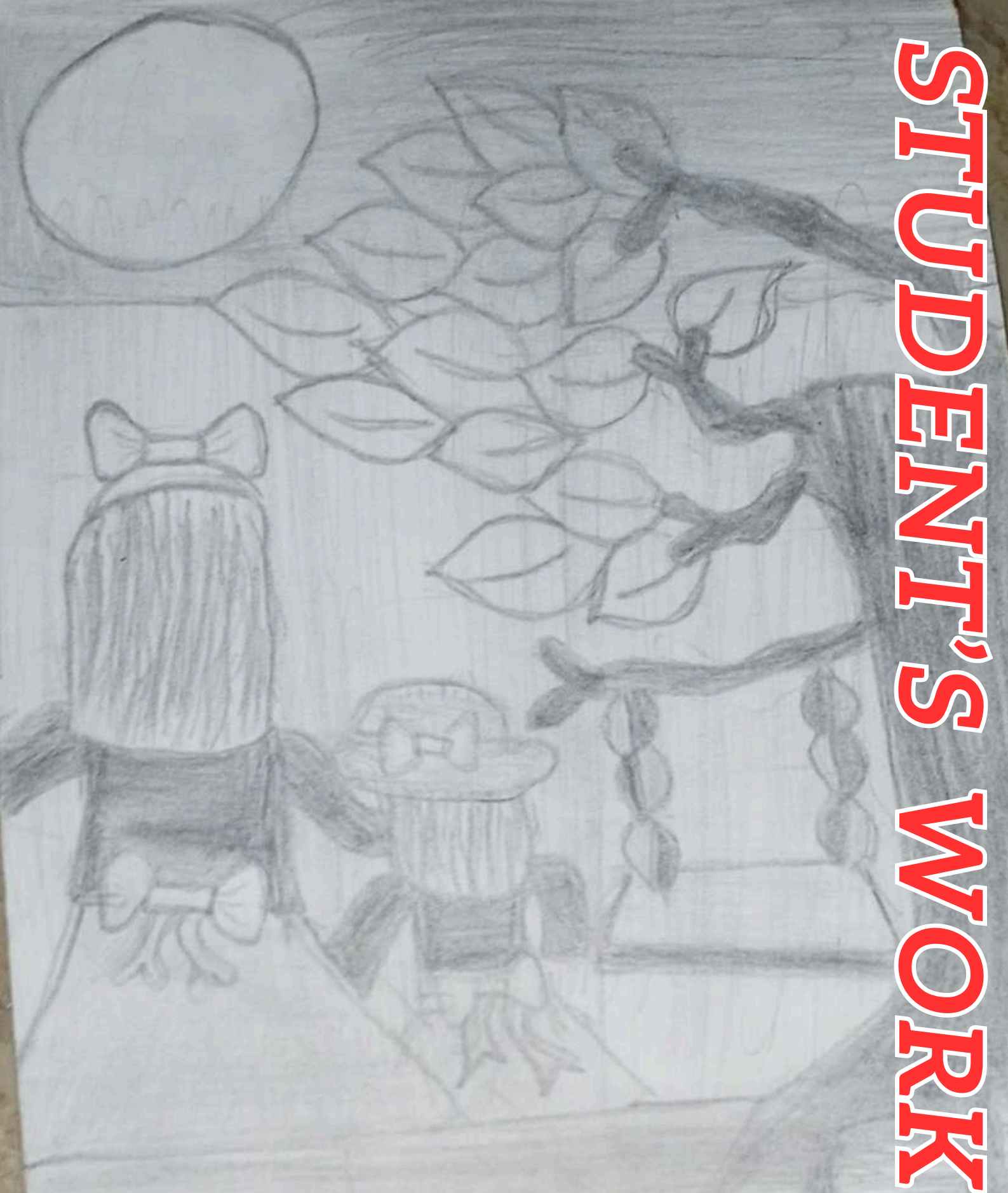




PAKISTAN DEFENCE DAY CELEBRATIONS 2024



STUDENT'S WORK



Noor bano Asif Class 5 a

PLAY GROUP ORIENTATION 2024-25



**WE BELIEVE THAT A STRONG EDUCATIONAL
FOUNDATION STARTS EARLY, AND TODAY'S
ORIENTATION MARKED THE BEGINNING OF AN EXCITING
JOURNEY FOR OUR LITTLE ONES AND THEIR FAMILIES.
TO ALL OUR NEW PLAYGROUP FAMILIES, WELCOME TO
THE KUTIYANA MEMON ACADEMY FAMILY!**



MEETING WITH AGHA KHAN UNIVERSITY - EXAMINATION BOARD



Productive meeting with officials from the Aga Khan University Examination Board (AKU-EB). The discussion focused on understanding the AKU-EB education system and how it aligns with our vision for providing top-quality education. This collaboration marks a significant step forward as we strive to offer our students the best academic opportunities

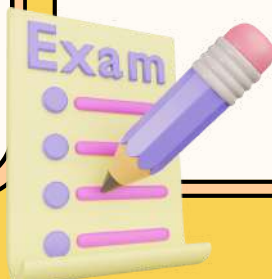


KMA MONTHLY EXAMINATIONS



**Principal KMA
conducted thorough
checks across all
classes, ensuring that
the monthly tests were
well-organized, and
everything was
running smoothly.**

**From class
arrangements to
paperwork, every detail
was carefully reviewed
to ensure a productive
and efficient learning
environment.**





BIOLOGY AND CHEMISTRY PRESENTATIONS!



Chemical Bonding

Ionic Bond

Atoms:- In the diagram we can see that the atom has lost one of its electrons to the other atom.

Ions:- The number of protons and electrons are not equal and the atom is charged.

Atomic Bond:- When atoms with opposite charges attract each other, a chemical bond is formed.

PRESENTATION

COORDINATE COVALENT BOND

Coordinate Covalent Bond is a special type of covalent bond. In this bond, one atom provides both the electrons for the bond.

CONCEPT OF COORDINATE BOND

DIFFERENCE BETWEEN IONIC AND COORDINATE BOND

Reaction Between Ammonia and Hydrogen Chloride

$$\text{NH}_3 + \text{HCl} \rightarrow \text{NH}_4^+ \text{Cl}^-$$

Diagram

"PROCESS OF BREATHING"

Inspiration & Expiration

Key Points:-

1. Inspiration is the process of taking air into the lungs.
2. Expiration is the process of releasing air from the lungs.
3. The diaphragm contracts and moves down during inspiration.
4. The diaphragm relaxes and moves up during expiration.
5. The rib cage expands during inspiration and contracts during expiration.
6. The volume of the lungs increases during inspiration and decreases during expiration.
7. The pressure in the lungs decreases during inspiration and increases during expiration.
8. Air enters the lungs during inspiration and leaves during expiration.
9. The process of breathing is controlled by the brain.
10. The process of breathing is essential for life.

Mechanism of Inspiration

Mechanism of Expiration

Kingdoms of Life

Kingdom Monera

Kingdom Protista

Kingdom Fungi

Kingdom Plantae

Kingdom Animalia

Diagram

Physical Chemistry

Physical chemistry is the branch of chemistry which deals with the relationship between composition & physical properties of matter with the changes in them. It deals with laws & principles governing atoms.

Organic Chemistry

This branch is deal with hydrocarbons & their derivatives. It is study of structure, properties, composition, reactions which include hydrocarbons, alcohols, acids, carbonates, bicarbonates, cyanides.

Respiration

Plants and animals do exchange gases with their environment for the respiration process. In order to obtain energy from food, they take in oxygen and give out CO₂. The process of gaseous exchange is ultimately linked with the respiration.

Properties of Skin: thin, wet, permeable, large in relation to the volume of the body.

Component	Inspired air	Expired air
Oxygen	About 21%	About 16%
Carbon Dioxide	About 0.04%	About 4%

**Congratulations to
Fariya Faisal
(Class VI-B), who
was recognized by
our Principal in
today's girls'
assembly for
memorizing Surah
Mulk. 🌟 Your
achievement is a
testament to your
perseverance and
faith. Well done!**





*Full House Free Demo Class at
KMA IT Institute.*



ALHAMDULILLAH! WE ARE PROUD TO SHARE THAT OUR TALENTED STUDENTS, MANAL IMRAN AND NOUREEN AKHTER, PARTICIPATED IN THE NAAT COMPETITION AT FAIZAN ACADEMY AND SECURED POSITION! 🏆 AS A TOKEN OF APPRECIATION, THEY WERE AWARDED SHIELD AND ISLAMIC BOOKS.

