

VOL:03, ISSUE:06
FEBRUARY, 2020

Informal

TO RISE ABOVE THE TIDE

EDUCATIONAL MAGAZINE

A TEACHER HOLDS A HAND, OPENS A MIND, AND TOUCHES A HEART

Cover Story | Page: 14

*"Teaching is the Profession that
Teaches all the other Professions"*

Sana Shahzadi

*is the Regional Academic Director (Punjab Zone) of Native
Schools and Director Academics of Native's Model Campus*

Page: 18

Art and Science Exhibition organized by American Lycetuff DNK School System

Page: 27

Boys and Girls brains are Similar, Producing Equal Math Ability: New Research

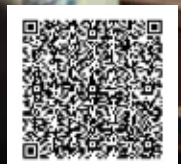
Page: 10

PRACTICAL EDUCATION, LIFETIME SUCCESS!

Page: 12

TKS Network Associates Orientation 2020

Page: 28





THE SPIRIT SCHOOLS

A Project of Superior Group of Colleges

A Serial ENTREPRENEUR of PAKISTAN

Prof. Dr. Ch. Abdul Rehman
Chairman
The Superior Group



By the grace of Almighty Allah
we are the Fastest Growing
Educational Group of Pakistan at present

The idea of The Spirit Schools is to produce students with the spirit of patriotism and education to become the leading institute of Pakistan that comprises of a superior nation. We make spiritians ready to serve the nation. Way forward to progressive Pakistan.

In time of complex internal and external challenges, its our will to educate and empower youth to share the best of them to make Pakistan a knowledge loving country. As a part of our shared dream and your support for an educational revolution, became a part of Superior by joining The Spirit Schools.

Vision

To become a first choice school by bringing excellence in student's life through quality education.

Mission

We are committed to strengthen the spirit of students by bringing positive change into their personal and career lives through self-awareness, self-management, social interaction, and relationship management thus, adding values to our nation and ultimately to humanity.

Values

- Agility
- Student Success
- Excellence
- Fairness
- Innovation & creativity
- Socially Responsible



ACADEMIC EXCELLENCE

The curriculum provides a concrete foundation for the challenging early years of a child's life based on activity forms of learning stimulating a curious mind to discover a new world. Our centrally regulated academic setup ensures that students develop into responsible, respectful, academically sound and confident beings who can communicate effectively and function as successful global citizens to meet the challenges of the 21st century.

Our ACADEMICS ACHIEVEMENTS 2016-19



2016	94%	2018	98.3%
2017	96.8%	2019	99%

Why The Spirit School?



E-LEARNING FOR PRESCHOOLERS IS LEARNING WITH FUN AND GOES BEYOND CONVENTIONAL TEACHING STYLES

We believe in learning that is experiential (learning by doing) rather than learning that is based merely on books. As the sense of sight carries approximately 70% of the absorption rate in the learning process of children aged 1-6, TSS offers a fun enriched methodology at preschool by supplementing its in-house developed publications by audio-visual aid customized to the internationally recognized syllabus.

DEVELOPMENT OF A WELL-ROUNDED PERSONALITY THROUGH A SOCIAL ETHICAL ENVIRONMENT-LEARNING OF LIFE & SOCIAL SKILLS



With the integration of life skills and personality enhancing activities, our students acquire a broad knowledge base, be strong in languages and Mathematics, be able to understand contemporary issues and be informed and responsible citizens. They build up a strong foundation underlying Spirit's pillars of knowledge, skills, ethics, positive thinking and communication.

Come & join us
to be Superior



In Matriculation



BASED CURRICULUM



THE SPIRIT SCHOOLS

Learning Strengthens the Spirit

A Project of Superior Group of Colleges

[f/TheSpiritSchool](https://www.facebook.com/TheSpiritSchool)

www.tss.edu.pk

[thespirtschools](https://www.instagram.com/thespirtschools)

[@spirtschools](https://www.twitter.com/@spirtschools)

FEATURES:

- Visual Learning
- Purposefully Equipped Classrooms
- Developing Social & Moral Values
- Highly Trained & Motivated Faculty
- Parent Teacher Liaison
- Academic Monitoring
- Educational Technology
- Modern Day Facilities
- Online Web Portal & Mobile App

START with SPIRIT
to be Superior

مجھے سپرٹ سکول میں پڑھنا ہے۔

ADMISSIONS OPEN

PLAYGROUP TO MATRIC

LET'S BUILD A SUPERIOR PAKISTAN

FRANCHISE OPPORTUNITY



150 Cities

350+ Schools

80,000+ Students

Corporate Office:
39-L, Gulberg III, Lahore,
042-111-00-00-78

South:
Regional Office
0336-9995995

North:
Regional Office
0332-5311436

Faisalabad:
Regional Office
0300-8468675

Multan:
Regional Office
0300-6370707

Gujranwala:
Regional Office
0321-6413008

FOR ADMISSIONS
Visit Your Nearest Campus



CONTENTS

FEBRUARY

Editorial Note	04
Letter to Editor	05
SCIENCE FUSE	
NASA discovers Earth-sized planet in 'Goldilocks Zone', 100 Light Years Away	06
TELL ME WHY	
Tell Me Why Glass is Transparent?	07
INVENTIONS	
Invention Story of Straw and Scotch Tape	08
RESEARCH	
Brains of Girls and Boys are Similar, Producing Equal Math Ability	10
ARTICLE	
Hyundai to make Flying Cars for Uber Air Taxi Service	11
WISE ADVICE	
Practical Education, Lifetime Success!	12
COVER STORY	
A Teacher holds a hand, Opens a mind, and touches a heart	14
INTERVIEW	
In Conversation with "Sana Shahzadi"	18
ARTICLE	
KPK Government to Establish Swat University of Engineering and Technology	20
World	21
Informal News	22
ARTICLE	
SBP Enhances Payment Limit for Freelancers to \$25,000 Per Month	24
Intended Result of the Child with Affection or with Scolding?	25
Pakistan to Spend Rs 50 billion for IT Development Dr. Atta-ur-Rahman	31
STEAM Curriculum that Smartly Integrates with Regular School Curriculum	33
EVENTS	
Chinese Intangible Cultural Heritage Exhibition	26
Art and Science Exhibition organized by American Lycetuff DNK School System	27
TKS Network Associates Orientation 2020	28
Annual Prize Distribution Ceremony at Bloomfield Hall Schools	29
Institute for Contemporary and Islamic organizes Annual Science and Math's Exhibition	34





SHAHSONS



GRIP

PICASSO®

www.shahsons.com

FEBRUARY, 2020

Editorial NOTE

Education in every sense is one of the fundamental factors of development. No country can achieve sustainable economic development without substantial investment in human capital. Education enriches people's understanding of themselves and world. It improves the quality of their lives and leads to broad social benefits to individuals and society. Education raises people's productivity and creativity and promotes entrepreneurship and technological advances. In addition it plays a very crucial role in securing economic and social progress and improving income distribution.

The education plays a great role in developing country in every field. It plays like a model role in the development of one country if the people of a country are educated then they can easily helps them in development. Education is a basic necessity for any country's development and helps us in teaching that how we can improve the culture of peace.

In the earlier stages the peoples are talented, so that they invent many ideas and think much more but due to lake of education they can't prove them much more. At that time they have no laboratories in which they can prove their ideas. But now the world which is developing are used their ideas and thinking. It is due to education that they are developed so that they can prove the thinking of past scientists.

Education is the driving force for the national development and economic growth are very strongly depends on the education and these both are playing great role in developing a country. The nations are build by education economic growth can be increased, if the peoples of a country are educated they can easily grow up the national economy because then they can better knows the economic principles and rules and can think about them easily if they are educated.

Farooq Ahmad Malik
(Editor-In-Chief)

A TEACHER HOLDS A HAND,
OPENS A MIND, AND TOUCHES A HEART



Farooq Ahmad Malik
(Editor-In-Chief)

Rana Umar Farooq
(Deputy Editor)

Abdul Saboor
(Sub Editor)

Talal Ishafaq
(Manager Marketing) + 92 331 921 1111

Farhan Waqar
(Marketing Executive) + 92 308 445 5333

M. Naeem Mughal
(Sr. Graphic Designer)

Saima Yousafi
(Administration Manager)

Amjad Jamil
(Manager Printing & Distribution)

Muhammad Kamran
Media Sales Representative (South)
Email: syed.kamran@informal.pk
Cell: +92 346 120 9991

Legal Advisor: M . Arif Parvez Butt
(Advocate High Court Lahore)

Office: Munawar Chambers Office No-6,
Mozang Road, lahore. Ph: 042-37350442

Head Office: #249, 2nd Floor Ashiana center,
78-D/1, Main Boulevard Gulberg III, Lahore.
Ph: + 92 331 921 1111

Email: informal.pk@gmail.com | www.informal.pk

Rawalpindi Office: CreativeZone, Office#2, O/59,
Circular Road, Rawalpindi. 0333-811 5798

Printed at: Hasnain Ilyas Printers
House#1 Basement Aslam Arcade,
16 Macload Road Lahore. (PCPB / 174-1)

Publisher: Waseem Ahmed **Rs. 150/-**

Please send us your article,stories,events,
pictures to publish in Informal Magazine at
informal.pk@gmail.com

Letter to the editor

Your magazine did highlighted a very common issue which our schools are facing day today, which is the "lack of security", as majority of the schools still have inadequate security measures taken by the administration for the safety of a school. The safety of a school is not just important for the students, but it is also important for teachers and parents as well.

Munazzam Khalid

It's been a brilliant experience to read your last month's magazine. You were able to highlight some of the most important concerns which are important to be processed in the field of education. I think if you guys keep on doing a job like this, then soon our society will change the way it looks and deals the issue of our education system.

Hamza Asif

Your magazine is doing a tremendous job, by giving useful information in one publication. The thing I liked the most about this magazine is, your selection of topics. I personally like the "Wise Advice" section, which I read when I'm looking for some serious matter to penetrate into my soul.

Maheen Saleem

I really enjoy reading your magazine and the section which I liked the most was the 'Tell Me Why' section, in which you write about various interesting and informative topics. It's always good to read your magazine; you guys are also promoting a good image of Pakistan along with other academic writings.

Saad Junaid

The story I liked the most was the cover story of this month, which showed a true side of the education system of Pakistan and the ailing condition of schools due to lack of security measures taken by the administration of schools. Schools should also take-up this issue and come-up with some quick solution to it, as the future of our students and teachers is at stake.

Arslan Ali

Your magazine has a good composition of interesting and informative content along with a wide range of topics. I would like to make a request to write something about the process of this our brain carries out the process if memorization. Generally, we don't notice this process, so I think it will be better to write something related to this topic.

Farwah Ch

It is a magnificent experience to read your magazine; it is perfect for students particularly. Cover story and Wise Advice are my most favorite in the magazine of every month. By reading these, I get to know about some outside the box information which helps me through my information seeking procession.

Ahmad Waseem

I would like to say that your magazine is very informative and at the same time it is very interesting. I like all of your content of all the sections and your selection of matter is always unique. I especially like the news sections, which includes the segments of National and Internal News. The information which I get from your magazine really helps me to learn and increase my level of knowledge.

Wajahat Shahzad

Write us at informal.pk@gmail.com

We recived too many letters from our valued readers every month through mail and e-mail, however, due to shortage of space we are publishing only few selected letters.

NASA discovers Earth-sized planet in 'Goldilocks Zone', 100 Light Years Away

The planet hunter satellite TESS of NASA had discovered an Earth-sized world within the habitable range of its star, which could allow the presence of liquid water.

Named "TOI 700 d", the planet is relatively close to Earth, which is a 100 light years away, NASA's Jet Propulsion Laboratory announced during the annual American Astronomical Society meeting in Honolulu, Hawaii.

"TESS was designed and launched specifically to find Earth-sized planets orbiting nearby stars," said Paul Hertz, NASA astrophysics division director. TESS initially misclassified the star, which

meant the planets appeared larger and hotter than they actually are. But several amateur astronomers, including high school student Alton Spencer, who works with members of the TESS team, identified the error.

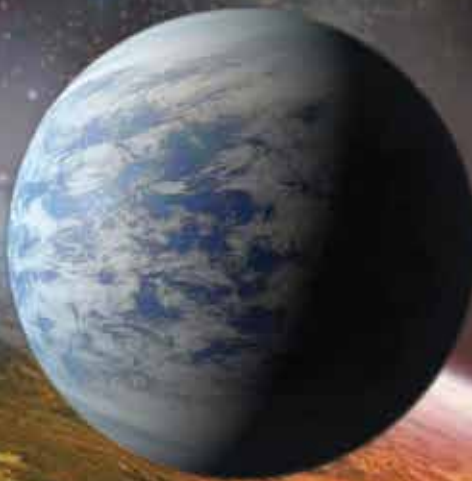
"When we corrected the star's parameters, the sizes of its planets dropped, and we realised the outermost one was about the size of Earth and in the habitable zone," said Emily Gilbert, a graduate student at the University of Chicago.

A few other similar planets have been discovered before, notably by the former Kepler Space Telescope but this is the first discovered by TESS, which was launched in 2018.

TESS stabilises on one area of

the sky to detect whether objects or planets pass in front of stars, which causes a temporary drop in the stars' luminosity. This allows TESS to infer the presence of a planet, its size and orbit. Star TOI 700 is small, about 40 percent of our Sun's size and only about half as hot. TESS discovered three planets in orbit, named TOI 700 b, c and d.

In one simulation, NASA explained, the planet is covered in oceans with a "dense, carbon-dioxide-dominated atmosphere similar to what scientists suspect surrounded Mars when it was young." Multiple astronomers will further observe the planet with other instruments, in order to obtain new data that may match one of NASA's models.



SHAHSONS



PICASSO[®] ORIA

www.shahsons.com



SHAHSONS

JUMBO WAX CRAYON

Red

JUMBO CRAYON

Goldfish®

www.shahsons.com

TELL ME WHY

Glass is Transparent?

Glass is a special kind of solid known as an amorphous solid. This is a state of matter in which the atoms and molecules are locked into place, but instead of forming neat, orderly crystals, they arrange themselves randomly. As a result, glasses are mechanically rigid like solids, yet have the disordered arrangement of molecules like liquids. Amorphous solids form when a solid substance is melted at high temperatures and then cooled rapidly, a process known as quenching.

In many ways, glasses are like ceramics and have all of their properties: durability, strength and brittleness, high electrical and thermal resistance, and lack

of chemical reactivity. Oxide glass, like the commercial glass you find in sheet and plate glass, containers and light bulbs, has another important property: It's transparent to a range of wavelengths known as visible light. To understand why, we must take a closer look at the atomic structure of glass and understand what happens when photons, the smallest particles of light interact with that structure.

Photons pass through glass because they are not absorbed. And they are not absorbed because there is nothing which "absorbs" light in visual frequencies in glass. You may have heard that ultraviolet photons are absorbed by glass, so glass is not transparent for them. Exactly the same happens

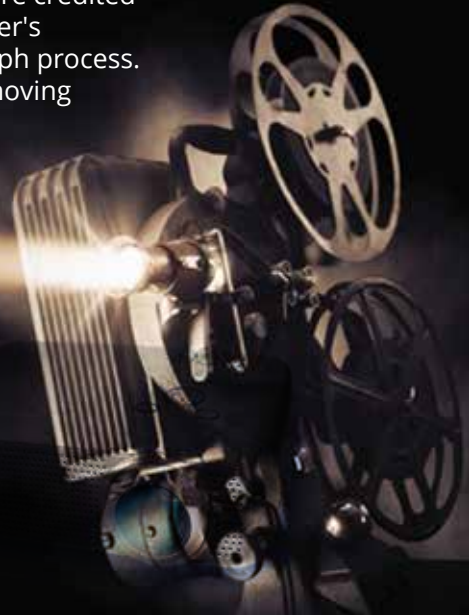
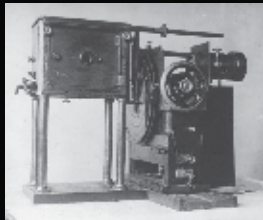
with X-rays for which our body is nearly transparent whilst a metal plate absorbs it. This is experimental evidence.

Any photon has certain frequency - which for visible light is related to the colour of light, whilst for lower or upper frequencies in the electromagnetic spectrum it is simply a measure of the energy transported by photon. A material's absorption spectrum (which frequencies are absorbed and how much so) depends on the structure of the material at atomic scale. Absorption may be from atoms which absorb photons (remember - electrons go to upper energetic states by absorbing photons), from molecules, or from lattices.



Invention Story of *Movie Projector*

The movie projector was first invented in the 1890's. Early film devices were created by inventors all over the world. The most significant inventions were made by the French Lumiere brothers and Thomas Edison. Several movie projection devices were invented from the 1890's to the early 1900's. Some of the early movie projectors were called cinematographs, kinetoscopes, and the vitascope. The Lumiere brothers are credited to be the first inventors of the movie projector. They worked for their father's photography firm, and began to make improvements to the still-photograph process. When their father retired in 1892, the Lumiere brothers began to create moving pictures. They patented the cinematographe in 1895 and showed the first ever recorded footage. The footage showed workers leaving the Lumiere factory. Thomas Edison introduced the first moving picture camera in 1893. The kinetograph had a cabinet that held a continuous loop of celluloid film. It was powered by an electric motor and backlit by an incandescent lamp.



Invention Story of *Elevators*

Elevators were developed during the 1800s. These crude elevators slowly evolved from steam driven to hydraulic power. The first hydraulic elevators were designed using water pressure as the source of power. They were used for conveying materials in factories, warehouses and mines. Hydraulic elevators were often used in European factories. The first electric elevator was built by the German inventor Wener Von Siemens in 1880. In 1889, the first commercially successful electric elevator was installed. In 1887, an electric elevator with automatic doors that would close off the elevator shaft was patented. This invention made elevators safer. Many changes in elevator design and installation was made by the great advances in electronic systems during World War II. Today, modern commercial buildings commonly have multiple elevators with a unified control system. In addition, all modern elevators have special override controls (to make elevators go directly to a specific floor without intermediate stops).



NATIVE SCHOOLS

NATIONWIDE

FRANCHISE CALL

& CONVERT YOUR EXISTING SCHOOL

SINCE 1981



NATIVE SCHOOLS



JOIN TODAY!

TO BECOME OUR BUSINESS PARTNER
OWN A SECURE & SUCCESSFUL BUSINESS VENTURE

OUR SERVICES
& SUPPORT

**NETWORK OF 40+ BRANCHES ALL OVER PAKISTAN
AND GROWING**

- Conceptual Method of Studies & complete Planning
- Activities based learning
- Media Coverage & Marketing Assistance
- Chinese Language Program
- Centralized Examination System
- Grooming Activities
- Career Counseling and Character Building
- Special Focus on Sports & Extra Co-Curricular
- Regular Quality Assurance Surveys
- Online School Management System
- Regular Training and Supervision

 native.edu.pk

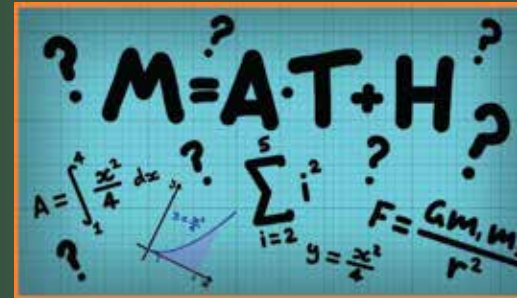
Boys and Girls Brains are Similar, Producing Equal Math Ability: New Research



MARKER

PICASSO®

www.shahsons.com



New research comprehensively examined the brain development of young boys and girls. Their research shows no gender difference in brain function or math ability.

Jessica Cantlon at Carnegie Mellon University led a research team that comprehensively examined the brain development of young boys and girls. Their research shows no gender difference in brain function or math ability. The results of this research are available online in the November 8 issue of the journal Science of Learning.

"Science doesn't align with folk beliefs," said Cantlon, the Ronald J. and Mary Ann Zdrojkowski Professor of Developmental Neuroscience at CMU's Dietrich

College of Humanities and Social Sciences and senior author on the paper. "We see that children's brains function similarly regardless of their gender so hopefully we can recalibrate expectations of what children can achieve in mathematics."

Cantlon and her team conducted the first neuroimaging study to evaluate biological gender differences in math aptitude of young children.

Her team used functional MRI to measure the brain activity in 104 young children (3- to 10-years-old; 55 girls) while watching an educational video covering early math topics, like counting and addition. The researchers compared scans from the boys and girls to evaluate brain similarity. In addition, the team examined

brain maturity by comparing the children's scans to those taken from a group of adults (63 adults; 25 women) who watched the same math videos.

After numerous statistical comparisons, Cantlon and her team found no difference in the brain development of girls and boys. In addition, the researchers found no difference in how boys and girls processed math skills and were equally engaged while watching the educational videos. Finally, boys' and girls' brain maturity were statistically equivalent when compared to either men or women in the adult group.

This study builds on the team's previous work that found equivalent behavioral performance on a range of mathematics tests between young boys and girls.





Hyundai to make Flying Cars for Uber Air Taxi Service

Hyundai announced to mass produce flying cars for Uber's aerial rideshare network set to deploy in 2023. The South Korean manufacturer said it would produce the four-passenger electric "vertical take-off and landing vehicles" at "automotive scale," without offering details. The deal announced at the Consumer Electronics Show in Las Vegas could help Uber, which is working with other aircraft manufacturers, to achieve its goal of deploying air taxi service in a handful of cities by 2023.

Jaiwon Shin, head of Hyundai's urban air mobility division, said

he expects the large-scale manufacturing to keep costs affordable for the aerial systems. "We know how to mass produce high quality vehicles," Shin told a news conference at CES.

He said he expected the partnership to allow for the short-range air taxis to be "affordable for everyone." Eric Allison, head of Uber Elevate, appeared at the CES event with Hyundai to discuss the partnership.

"By taking transportation out of the two dimensional grid on the ground and moving it into the sky, we can offer significant time savings to our riders," Allison said. He said that because of its

other app-based transport options, "only Uber can seamlessly connect riders from cars, trains and even bikes to aircraft."

Uber has announced it had selected Melbourne to join Dallas and Los Angeles in becoming the first cities to offer Uber Air flights, with the goal of beginning demonstrator flights in 2020 and commercial operations in 2023.

Hyundai is using CES to show the S-A1 model aircraft with a cruising speed up to 180 miles (290 km) per hour. The aircraft utilizes "distributed electric propulsion," designed with multiple rotors that can keep it in the air if one of them fails.



SHAHSONS



MARKER

PICASSO®

www.shahsons.com

PRACTICAL EDUCATION, LIFETIME SUCCESS!

PRACTICAL

THEORY



School should be a place for kids to develop the mental and physical ability to confidently walk into the real world and be successful. If school gives no importance for this necessity, then what's the point? Today there are kids who don't know what they want to do career wise, because they have no experience with anything other than the classes they take. Students do not know what career they want to pursue until they are already in college and have changed majors 2, 3, or maybe even 4 times. People believe that we should spend the valuable time we have in high school learning our normal core subjects such as Math, History, English, and Science. However, these practical skills classes don't necessarily need to be a requirement to graduate.

By learning practical skills at a young age, kids develop character much earlier, as said by the California Department of Education. For example, if a child is taught how to fight a stranger at the age of five, they will not be very confident at first. As years pass, the child develops endurance as well as knowledge about the world. Finally, when the day comes that the child needs to fight, she will not fear the task. After practicing this for her whole life, she will only feel brave and powerful, resulting in possibly saving one or more lives.

By the year 2030, half of the world's young people will not have the basic skills they need to get a job. So simply getting children into school and giving them a traditional education isn't going to be enough. Helping them to learn the skills they need for the jobs of the future is going to be crucial.

According to Jeff Weiner of LinkedIn, "What matters most [in today's workforce] are the relevant skills". The World Economic Forum, a leading organization in forecasting future skills lists complex

problem solving, critical thinking, creativity, people management and coordinating with others as the top five skills needed in 2020.

Many schools are doing their best, but with today's emphasis on high stakes testing, the tightening of academic standards, and fierce competition for university seats, practical skills do not receive the time and attention they deserve.

Practical skills in the early childhood curriculum revolve around five key pillars:

- **Social Relations**
- **Control and Coordination of Movement**
- **Preliminary Activities**
- **Care of Person**
- **Care of Environment**

Practical education is way more interactive than theoretical. It does not involve just teaching and lecturing irrespective of whether the student is able to understand the concepts or not. Theoretical education usually employs teachers who teach in a plain manner or books which may or may not include interactive exercises. Whereas in practical works, inputs from students are not just invited but are also necessary. Interactive sessions, experiments, and interactive exercises are important features of practical education which ensure the involvement of students. And learning is the fundamental purpose of education, so in order to improve the leaning level, more importance should be given to practical education rather than theory.



A Teacher holds a hand, Opens a mind, and touches a heart

TRULY, THE TEACHER IS THE KEY FACTOR IN THE LEARNING PROCESS. IN OUR SOCIETY, A TEACHER IS LOOKED UPON AS A SOCIAL AND MORAL MODEL WHICH CARRIES WITH IT A CERTAIN DEGREE OF PRESTIGE AND RESPECTABILITY THAT MUST BE FOSTERED.



GRIP

PICASSO®



Competency of a teacher matters—in fact, it is the most important school-related factor influencing student achievement. A competent teacher can make a world of difference in a student's life, impacting everything from their classroom learning to their long-term success.

Teachers possess a strong power in their own capacity to direct the learners in becoming responsible citizens. Communal hard work of teachers acts as a driving power by which the goals and objectives of an educational scheme are being achieved. As such, teacher quality must be taken into account to make such goals reachable.

Teacher performance is acknowledged as the most important institutional determinant of student academic achievement. For policymakers exploring ways to improve education system is one of the permanent ways is to

concentrate on teachers that are the primary resource of the system. Apart from the student's family background, the single most significant factor in determining variability in student attainment within any single country is teacher performance.

Teacher performance accounts for a great part of valuation process of teacher quality. The institutional arrangements that control the incentives influencing teachers' performance are of prime significance for the overall quality of a country's education system. Therefore, appropriate and efficient incentives for teacher performance are of great significance for improving the performance of both students and schools. Several researches on the effect of teacher performance have proved that it is not teacher educational credentials, such as degree levels and occupational certificate, have impact on student achievement. In addition, research also highlighted the difficulty inherent

in creating a reliable process for identifying effective teachers, measuring a teacher's value-added contribution, eliminating unprofessional preferential treatment during evaluation processes, and standardizing assessment systems across schools.

There currently is an abundant knowledge sources to inform us, in schools teachers play the critical role in student learning and achievement. Research reveals that how teachers instruct and these interactions with students are the cornerstone around which to build effective schools.

Competencies are the skills and knowledge that enable a teacher to be successful. To maximize student learning, teachers must have expertise in a wide-ranging array of competencies in an especially complex environment where hundreds of critical decisions are required each day. The transformational power of an effective teacher is something many of us have experienced.



SHAHSONS



ORIA

PICASSO®

www.shahsons.com

Intuitively, the link between teaching and student academic achievement may seem obvious. Further, research also indicates that these competencies can be used to organize the numerous specific skills and knowledge available for building effective teacher development.

A competent teacher has full knowledge of the subject matter she teaches and must be familiar with the curriculum content. She possesses the zest and enthusiasm to explore/develop new teaching strategies that will fit the pupil's level and pace of learning. She strives to know her pupils and can evaluate lessons.

A competent teacher develops and promotes consciousness to students not only through their engagement in dialogues but also through critical thinking and communication. The concepts of dialogue, critical thinking, and the concept of communication are concepts related to each other and which together presuppose the development of consciousness to students. First

of all, the competent teacher must come to know reality critically, needs to have a critical attitude towards reality and hence, needs to approach his/her teaching with a realistic awareness of those conditions and factors that restrain the potentialities of human freedom.

He/she is articulate and can communicate well. He/she participates appropriately at meetings/seminars with relative ease. As much as possible, she provides constructive criticisms only. The teacher who works with minimal supervision and completes assigned tasks within a specified period is truly an asset to any system. He/she gives full support to every activity and does her best in everything she does. He/she can also be relied upon to be prompt in schedules such as meetings and appointments.

A competent teacher shows willingness to assume additional tasks and even volunteers to do other jobs apart from her regular teaching assignment.

He/she has a streak of leadership within and can be independent in doing her job. A competent teacher makes sound and mature decisions. She applies an analytically and a reflective approach to problems. He/she uses discretion so as not to jeopardize relations with colleagues and superiors. A good teacher adheres to rules, policies, and procedures with the highest degree of professionalism. She respects others ideas and opinions and exercises tact in dealing with others. She discharges official responsibilities faithfully and devotedly.

Truly, the teacher is the key factor in the learning process. In our society, a teacher is looked upon as a social and moral model which carries with it a certain degree of prestige and respectability that must be fostered. A teacher is not just practicing a profession, but he/she is out there for a mission, that is, to shape the total personality of the youth of the country.





Re. 1



MAX

With
Strawberry
Flavour





Q. Tell us about yourself and give us an account of your journey?

Ans. Sure! I am Sana Shahzadi currently serving as Regional Academic Director (Punjab Zone) of Native schools and as Director academics of Native's model campus; "Revival campus". I entered the educational world in 2005 & since then have been serving the nation with depth and intensity of my passion for education.

Alhumdulillah, I have successfully worked with some well-known educational institutes of Pakistan, as an 'Educational Specialist'. My journey as an educationist has always aimed to make sure a creative yet diversified approach to educational learning.

Q. Do you have a childhood experience that inspired you to be an educationist?

Ans. Yes! As a child I was always intrigued to explore, experience and express my findings, which gradually developed and shaped a desire in me to educate myself and then to others. Moreover, the influencing personalities of my teachers & mentors kicked started and motivated me to enter the field as an educator. And yeah! Their professionalism was worth helping for me.

Q. How do you determine the teaching skills in the current education scenario?

Ans. In the view of ongoing changes in the social, cultural, economic and political environment, a drastic change is required in the teacher education and teaching skills so that teachers could raise their standard with the changing needs of the society.

Teaching Skills like Critical thinking, Creativity, Collaboration, Communication, Information literacy, Media literacy, Technology literacy,

“TEACHING IS THE PROFESSION THAT TEACHES ALL THE OTHER PROFESSIONS”

In Conversation with

Sana Shahzadi

is the Regional Academic Director (Punjab Zone) of Native Schools and Director Academics of Native's Model Campus

Flexibility and Adaptability are necessity for the teachers in current scenario in order to develop a better relationship with students and to make the teaching more fruitful.

Q. Tell us how you organize, plan, and prioritize your work?

Ans. As a professional, these three things are

framework principles to my work. I'm quite good at organizing punctual timings, moreover my to-do list helps me maintain a steady workflow, I use to write out the tasks to complete, and list them from highest to lowest priority. But I also realize priorities change unexpectedly. With that in mind, I try not to overload my list with too many tasks, to make room for any necessary adjustments. This technique helps me with workflow and keeps me on track with what needs to get done for the day." Moreover I simply believe in quality rather than quantity.

Q. What changes would you like to see in 2020 Educational perspective?

Ans. Well, I think in 2020 we need to bring out changes and an evolution in our educational perspectives. Reinforcing a trend of Seeding, enhancing & appreciating creativity in students at basic level is the most important change to be adopted. Gender biases in choosing educational fields needs to be rooted out, out of our educational perspectives.

An initiative of Conceptual curriculum should be brightened up by the educational systems instead of fact-based curriculum. For which our teachers most importantly need to be more focused & prepared to teach critical thinking, concept based learning and problem solving.

Q. What were the most challenging phases you did go through often to guide the management?

Ans. Alhamdulillah! Through my journey I have tried my best to lead, guide & control managerial processes in a smooth way! Nevertheless there came times when I had to go through challenges. Factors like self-appraisal, assumptions, politics, Negative thinking, self centered approach, disloyalty and hypocrisy often try to cause distortion in the system, beside that technically, and Time

allocation is one of the issues I often have to face.

Q. In your experience, what is the key to develop a good team?

Ans. Looking through my experiences, I have concluded that 'potency' and 'coherence' are the most importantly involved factors in making a team good or work good. However, an admirable 'Leadership' is also the reason a team stands good at performance scale.

Q. What message you would convey to the readers of our magazine?

Ans. I want to convey my message to the readers that we need to recognize the actual definition of education with a divergent approach to it. It is actually a process of purifying and nourishing souls to live a refined yet most desired life which make us a beneficial figure for the people around us, for the society, for nation and for the world. Employment needs education, but education doesn't need employment rather it creates a wish for the betterment, education makes us such living beings who accept their flaws and make sure the lifetime continuity of the learning process. It illuminates our inner and outer living persona. Most importantly it should make us play our role as a true Pakistani and a Dynamic Muslim.



I want to convey my message to the readers that we need to recognize the actual definition of education with a divergent approach to it.



KPK Government to Establish SWAT UNIVERSITY of Engineering and Technology



The government of Khyber Pakhtunkhwa has decided to setup an Engineering and Technology University in Swat at a cost of Rs. 4 billion. The planned Swat University of Engineering and Technology (SUET) would be run on triple helix model to connect government, industry and academic with each other.

“Unlike other universities in the province that solely depend on the government funds, the SUET will have its own sustainability plan,” said Hamid Naveed, chief planning officer of higher education department.

Mr. Naveed has been appointed as focal person for establishment of SUET at fast track by chief minister. Administratively, he said, the new university would be different from the rest of the universities as a decentralized

system would be implemented to address issues at low level.

The new university would be a joint venture of the private sector and academia, said Dr. Najeebullah, who is involved in planning for the SUET. He said that government, industry and academia would work jointly under the banner of SUET. Initially, he said, six disciplines would be established including energy engineering, civil engineering, institute of materials, mining and metallurgy, biomedical engineering, computer system engineering and institute of manufacturing in the university.

Each year, around 15,000 students apply at the University of Engineering and Technology Peshawar. However, UET only accommodates 1,790 students while the rest of the students have to seek admissions elsewhere, said Hamid Naveed, justifying the establishment of

SUET.

SUET will set up the following six departments:

- Department of energy engineering,
- Civil engineering
- Biomedical engineering
- Computer system engineering
- Institute of materials, mining, and metallurgy
- Institute of manufacturing

As per the sustainability plan of SUET, there will be three major governing bodies: academic wing, enterprise wing, and a think tank. The academic wing will deal with academic activities at SUET while the enterprise wing will be tasked with fundraising and exploring different business opportunities. SUET's think tank will assist the government and private sector in evolving effective public policies.



SHAHSONS

US overtakes UK as “best in world” for education

The US is perceived as the top country in the world for education, having overtaken last year's top spot holder the UK, according to a survey by U.S. News & World Report. The 2020 'Best Countries' rankings, which surveyed 20,000 people from across the globe, also rated the United Arab Emirates as the best country for study abroad. With the UK, Canada, Germany and France taking second to fifth places respectively, the report contends that “North American and European countries are seen to provide the best education in the world's future leaders”. Switzerland, Sweden, the Netherlands and Denmark ranked sixth, eighth, ninth and 10th, respectively.



Swedish university to offer pathway to NPU in US



Jönköping University in Sweden has entered into a partnership with US institution North Park University to prepare students for studies in Chicago via its pathway program. The Swedish institution's pathway program, Jönköping University Enterprise, will provide international students with English language training. NPU and JU have engaged in bilateral student exchanges for many years, and this collaboration is a new extension of the rich partnership already in existence, according to NPU director of international recruitment Michael Drake. “JU is allowing NPU to utilize their English training resources for students who intend to matriculate to NPU to enroll in an academic program,” Drake said in a statement.

Musk hands over Teslas to early buyers in Shanghai

Tesla CEO Elon Musk presented the first batch of made-in-China cars to ordinary buyers in a milestone for the company's new Shanghai “giga-factory”, despite sales decelerating in the world's largest electric-vehicle market. The eccentric entrepreneur danced awkwardly, gave out high-fives, and mugged on a stage as sleek Model 3 sedans, the company's mid-price, mass-market offer, were driven up one by one and presented to buyers who jumped into the back seats before being driven away at the plant. Musk said it was just the start of what will be a growing investment in China by the California-based electric-vehicle pioneer.



Samsung unveils AI-powered digital avatar



Samsung lab unveiled a digital avatar, described as an AI-powered “artificial human,” claiming it is able to “converse and sympathise” like real people. The announcement at the opening of the 2020 Consumer Electronics Show in Las Vegas touted a new kind of artificial intelligence called NEON, produced by the independent Samsung unit Star Labs. The technology allows for the creation of customized digital beings that can appear on displays or video games and could be designed to be “TV anchors, spokespeople, or movie actors” or even “companions and friends,” according to the California-based unit of the South Korean giant.

Danish government funds projects to address international graduate retention

Following a 2018 study that revealed 42% of international students in Denmark leave within two years of graduating, the Danish government has announced it is supporting five new projects to boost graduate retention. Denmark has emerged as an attractive country to pursue higher-level education in recent times, and retaining international students is considered important as their studies are funded by taxpayers, with about half receiving additional grants. “Not enough [students] are using their education in the Danish labour market afterwards, and therefore represent a large cost to Danish society, as they are educated for the benefit of labour markets in other countries,” said the government at the time of the study.



JUMBO WAX CRAYON

Red

JUMBO CRAYON

Goldfish®

www.shahsons.com



SHAHSONS



MARKER

PICASSO®

www.shahsons.com

Turbat University's Vice Chancellor Commits for Promotion of Quality Education

University of Turbat (UoT) Vice Chancellor Prof Dr. Abdul Razzaq Sabir said first priority of the University's administration was to provide facilities and opportunities to students, employees within available resources for quality education. He further said that the administration UoT has committed to use all resources to remove all obstacles in the way of acquiring quality education in the university. While presiding over a meeting on the occasion of commencement of new academic year in the university he appreciated the efforts of UoT's registrar and faculty members for implementing latest technology and computerized system in the process of admission and fee collection in this academic year.



VC Government College University Stresses on the Principles in Education System

Government College University (GCU) Vice Chancellor (VC) Prof. Dr. Asghar Zaidi has said that there were three basic principles including diversity, curiosity and creativity on which human life flourished. Dr. Asghar Zaidi expressed these views during a ceremony held in his honor at University of the Punjab. Punjab University VC Prof. Dr. Niaz Ahmad Akhtar hosted the ceremony and eminent academicians, senior journalists and analysts were present in the ceremony. Prof. Asghar said that all human beings were naturally different from each other but standardization culture in their education system was not based on diversity but conformity.



Delegation led by Balochistan Copper Gold Project's Senior Coordinator visits Balochistan University



A delegation led by a Senior Coordinator of Balochistan Copper Gold Project Rehmatullah Baloch visited Balochistan University met with Vice Chancellor Dr. Muhammad Anwar Panizai and discussed importance of research activities in mineral, coppers and other sectors of the province. Pro-Vice Chancellor of University of Balochistan (UoB) Dr. Muhammad Alam Mangal, Dr. Saood Taj, Junaid Khan Jamaldeni, varsity's registrar Wali-ur-Rehman were present on the occasion. Balochistan University's education, research, province's vast of mineral, jointly experimental and research cooperation were discussed in the meeting where told meeting that Balochistan University was providing higher quality education opportunities to students in various fields including mineralogy and geology.

Allama Iqbal Open University undertakes Higher Education Programs in Agriculture



Allama Iqbal Open University (AIOU) announced that it will enroll students in MSC (Hons) Livestock Management, Agriculture Extension and Rural Development till February 14. The University management hoped that interested people will avail the opportunity to upgrade their academic-level in such subjects, which have special significance for the country, that comprises around 70 percent of rural areas. These are merit-based programs, and the applicants have to go through entry test and interview. According to Director Admissions, the AIOU prefers launching those academics programs that enable the people to generate employment opportunity and take part in the country's socio-economic development.

Bahauddin Zakariya University VC announces Special Fund for differently Abled People

Ensuring all facilities for differently abled people, Bahauddin Zakariya University (BZU) VC Dr. Mansoor Akbar Kundi announced to set up a special fund for them. Speaking at a ceremony held in honour of special students and staffers of the BZU at IMS Hall, Dr. Kundi said that when a person was deprived of any blessings of organs or senses by birth or accidentally, the society went indented to them, adding that the society became these people ears, arms and eyes in this case. The VC deputed Dr. Seerat Fatima from IMS as focal person for differently abled students and employees of the BZU.



24 NUMS Students selected for Ehsaas Undergraduate Scholarships

The Institutional Scholarship Award Committee (ISAC) of the Ehsaas Undergraduate Scholarship Project held its first meeting at the National University of Medical Sciences (NUMS) in Rawalpindi to recommend students who applied for the scholarships. The meeting evaluated the financial needs of the applicants, shortlisted, and recommends the students who fulfilled the eligibility criteria of the Ehsaas Undergraduate Scholarship Project. Out of 100 applications received at NUMS, 24 students, including 12 female and 12 male students, were recommended by the committee for the scholarships. The selected students are enrolled in various four and five-year undergraduate degree programs.



One-Day Annual Job Fair 2020 held at University of Veterinary and Animal Sciences

The Office of University Advancement and Financial Aid (OUAFA) of the University of Veterinary and Animal Sciences (UVAS) Lahore organised a one-day job fair here in the City Campus Lahore. Chief Executive Officer (CEO) Maxim International Mr. Faisal Fareed along with UVAS Vice-Chancellor Emeritus Prof. Dr. Nasim Ahmad inaugurated the job fair 2020 while Director (OUAFA) Dr Muhammad Hayat Jaspal and a large number of industry representatives, UVAS faculty members and students were present. Mr. Faisal Fareed emphasized young students to learn about the vision of technology because in the modern era many of latest software are used for diseases diagnosis.



Arid Agriculture University Held its 20th Convocation



A total of 4442 graduates of Pir Mehr Ali Shah Arid Agriculture University Rawalpindi (PMAS-AAUR) were awarded degrees while 90 students were decorated with Medals at the 20th Convocation. As many as 33 students received PhD degrees, 710 awarded with MPhil/MS degrees, 1469 Masters Degrees, while 2230 students got undergraduate degree in their respective disciplines. Gold medals were awarded to 55 students on their outstanding performance in their academic record while 17 bagged silver and 18 secured bronze in the convocation. Secretary General, Network of academies of Sciences of Islamic Countries (NASIC) Prof. Dr. Khalid Mahmood Khan was the Chief Guest of the ceremony.

Dialogue Session held at the Shah Abdul Latif University



A dialogue session on "Role of institutions to uphold the peace and harmony" was held at Shah Abdul Latif University (SALU), Khairpur, jointly organized by the department of Media and Communication Studies and Bhattai social watch and advocacy (BSWA). Chairman, department of media and communication studies, Prof. Dr. Taj Muhammad Lashari shed light on the objectives of the dialogue and briefed the audience about academic and research activities of the department. Zahrat-ul-Fatima while talking during the dialogue said, "It is imperative that all institutions must uphold the essence of peace and media and philanthropists institutions must play their due role in the peace building because peace brings development, social change and prosperity".

UET organizes 1st International Conference on Mechanical Engineering

The University of Engineering and Technology (UET) organized the 1st International Conference on Mechanical Engineering (ICME-2020) to review multi-module, multi-track, double blind and peer at UET Auditorium Complex. Punjab Minister for higher education Raja Yassir Humayun Sarfraz was chief guest, whereas, chairman Pakistan Engineering Council (PEC) Engr. Jawed Salim Qureshi, UET Vice Chancellor (VC) Prof Dr Syed Mansoor Sarwar, national and international delegates, students and faculty members attended the event. Addressing the participants, Raja Yassir Humayun Sarfraz said the UET is one of the best engineering universities in the world, keeping in view, the modern trends of technology; there is a need of taking new measures in the field of engineering.



SBP Enhances Payment Limit for Freelancers to \$25,000 Per Month

In order to broaden the scope of business-to-customer transactions through home remittance channels, the State Bank of Pakistan (SBP) has enhanced payment limits against freelance services in computer and information systems and other freelance services from \$5,000 per individual per month to \$25,000 per individual per month.

The enhancement in limit will facilitate freelancers to route more funds through a more economical and efficient channel of home remittances and help in receiving foreign exchange flows through formal banking channels in the country.

This would also enable freelancers to expand their business/ operations and engage new freelancers to join the workforce. This is expected to create employment opportunities and increase foreign exchange earnings of the country.

While Export of Services has

been growing in double digits, (10.5% rise registered in January, 2020), this enhancement of limits for freelancers shall further accelerate growth in Export of Services in the months ahead.

It is pertinent to mention that people in IT industry believe that exports' values of IT and computer services don't reflect truly from the central bank's data as the income of freelancers from foreign clients come as remittances as received from overseas Pakistanis. Many freelancers of IT services manage their income against services of foreign clients en route to various countries through PayPal accounts of their friends or relatives to their banks accounts in Pakistan.

It is hoped that the measure will encourage freelancers to more projects from foreign clients and the remittances inflows also will reflect the gradual rise in days to come.



Freelance



By: Ch. Salahuddin

Intended Result of the Child with Affection or with Scolding?

If you are hiring an expensive lady tutor for your child, then do not remain unconcerned while vesting all the responsibility on her shoulders. When the tutor departs, you must check your child's work. Even if the child finishes his homework before the tutor arrives, must show it to her at least once. Poor result of children is not a small problem. Every year you go through the same circumstances on these days. Your child displays his intelligence at home frequently. He also follows your instructions. But during examination days, he suffers from stomach pains and headaches. He tries to avoid high standards of preparation. You think that he is the same child who is very popular among friends. Takes interest in tuition. Remains active in outdoor activities and shopping. Then there is no need to get hopeless from the child. He certainly has the God gifted qualities and he

can give better results than the current one.

If you are hiring an expensive lady tutor for your child, then do not remain unconcerned while vesting all the responsibility on her shoulders. When the tutor departs, you must check your child's work. Even if the child finishes his homework before the tutor arrives, must show it to her at least once. A private tuition means that a serious personality has come to individually pay attention to your child. When a tutor does not find a child taking interest in some subject, he does not apply an injection of awareness.

What do you think? If such a thing happens, children start lacking communication and become distant from emotional relations. Then they view the companionship of their parent as divided as well. It is quite possible that after school time, you will try to persuade him to get tuition of some subject in the school's premises. At this time, a child is so exhausted that he hates every thing in the world.

Discuss issues at night while going to bed:

This is a good time. If the child's grade is very poor and he had not been able to understand you in the morning, then there is a need to remind him before sleeping that: 'Dear child, I was embarrassed to see your results today. Did not you feel humiliated in

front of your friends and teachers?' There's no need to talk much. Stay with him in his bed for a while and let him have the emotional satisfaction through the warmth of your care. Make a promise that together we will find the solution for the studies in the next education year. We will hire a good and hard working tutor. Or will not discontinue extracurricular activities or computer but will curtail some time from them for studies. Now motivate your child to sleep for 7 to 8 hours daily and leave him. Children should develop a habit of going to bed early and waking up early in the morning as well.

If first priority is the child, then why not his education?:

Parents who both are working and remain busy in social activities to great extent do not understand the reasons for the turmoil in their personal lives. This situation is dangerous. Bringing your children close to you, solving their education problems and preparing them for future competition should be your highest priority. You should develop a habit to personally sit with them to revise their homework or class work. Take help from dictionary.

Time Table: Not only in school, it is also necessary at home also to follow a schedule for different works. You have to make timings for breakfast, lunch, shower, cleaning, and cooking. Observe the same principle for children's upbringing.

Rewards and Awards: Although today's children are very smart, however it is your responsibility that whenever a child attains some distinction in monthly tests, or homework.



Chinese Intangible Cultural Heritage Exhibition

China Cultural Center in Pakistan organized two different activities on the occasion of Chinese Spring Festival in Islamabad i.e. (i) Chinese Intangible Cultural Heritage Exhibition and (ii) Happy Chinese New Year Gala performances. This event was organized by China Cultural Center in Pakistan, Co-organized by Overseas Chinese Association in Pakistan and Department of Culture and Tourism of Hebei Province of China to celebrate the Chinese New Year and Spring Festival Gala Performances in the Islamic Republic of Pakistan. An exhibition of "Chinese Intangible Cultural Heritage" was display in the main lobby of Art Gallery, offering Pakistani people insight into China's rich and abundant art and Intangible culture. The exhibition also showcased the latest development in achievements of the Chinese handicrafts.

H.E Mr. Zhang Heqing, Cultural Counselor of Embassy of the People's Republic of China to Pakistan and Dr. Fridous Ashiq Awan, Special Assistant to Prime Minister for Information & Broadcasting attended the event as Chief Guest. Ms. Fouzia Saeed, Director General PNCA, Mr. Li Yanxuan, Deputy Director China Cultural Center in Pakistan, and 500-plus diverse audience comprised of Chinese students from different universities and respected Government & private media groups were also present.



GRIP
PICASSO®

Art and Science Exhibition organized by American Lycetuff DNK School System

American Lycetuff DNK School System organized the Annual Art and Science Exhibition 2020, where the students showcased their talent and skills based on various themes, under different categories.

The Art & Science Exhibition 2020 showcased the skills of the brilliant students of ALS, deeply admired by our founder Dr. Nadeem Kiani during his visit as a Chief Guest to the extravaganza. The event was undoubtedly a colourful and gorgeous array of art work and science projects by the young, creative minds. The projects displayed by the students were a beautiful reflection of students' talent and astounding exhibit of their abilities.

At the event, the students' excitement was palpable; they were confidently explaining what they had built to everyone who stopped and asked. Moreover, students seemed to be determined to find alternatives to save the earth from ecological imbalance and climate change which plague the world.



SHAHSONS

2 HB 5000 Goldfish Auratari SHAHSONS

PENCIL

Goldfish®

www.shahsons.com

TKS Network Associates Orientation 2020

The Knowledge Schools are preparing nation builders of future; Director TKS Ms Maryam Nur Murad The Knowledge School Head Office organized "Network Associates Orientation 2020" at UMT, Lahore where 12 new campuses participated in this ceremony. The session started with the Recitation from the Holy Qur'an. Chief Operating Officer TKS, Brig (R) Shahid Akram Kardar gave his opening remarks and welcomed all new Network Associates and gave a brief introduction of TKS officials. An introductory briefing regarding new syllabi of Preschool was also given to the NWAs. Comprehensive presentations were also given by Operations, Academics, HR and Accounts Departments about the departmental policies and procedures. Director TKS Ms Maryam Nur Murad welcomed newly inducted NWAs and shared her message that NWAs can play an essential role to create strong bonding between students, teachers and parents. She further expressed that Head Office is focusing on the teachers' training, so that our school may cope with the upcoming challenges of the present era.

The ceremony ended by giving Certificates to Association's freshly inducted NWAs.



SHAHSONS

PICASSO ORIA Super Smooth Ink

PICASSO ORIA

www.shahsons.com

INSPIRE TO RISE



THE KNOWLEDGE SCHOOL
A Project of ILM Trust



ADMISSION OPEN

Play Group to Matric

Salient Features

- Student portal for parents
- Innovative curriculum through stimulating and challenging activities
- Holistic development through skills, imagination and creativity
- Character building through value education program
- Qualified teaching staff / faculty with best education practices
- Progress appraisal through Parent Teacher meetings
- Affordable fee structure and siblings discount
- Compliance through monitoring by Head Office



Lahore Campus: UMT Road, C-II, Johar Town, Lahore - 54770, Pakistan
UAN: 042 111 300 200 | Tel: 042-35211071-73-75 | Email: Info@tk.edu.pk

[f](#) tksheadoffice [globe](#) tks.edu.pk [ig](#) tksheadoffice #myTKS

Annual Prize Distribution Ceremony at Bloomfield Hall Schools

Shah Jamal Branch Annual Prize Distribution Ceremony 2018-19 was held with great zeal & zest. Ms. Zeba Nasir (BHS Master Trainer & Member Academic & Editorial Board) honoured us by her gracious presence as the Chief Guest. A delightful morning with an array of events from motivational poems, beautiful quotations to the school choir and the aerobics, all make it undoubtedly a successful event. Congratulations to all the achievers & their worthy parents.



PICASSO ORIA Super Smooth Ink

PICASSO ORIA

www.shahsons.com

Pakistan to Spend Rs 50 billion for IT Development: *Dr. Atta-ur-Rahman*

The Pakistan Tehreek-e-Insaf (PTI) government has planned to spend around Rs50 billion in areas such as artificial intelligence, IT, big data, cybersecurity and related technologies to transform the national economic model, said Dr. Atta-ur-Rehman. He expressed these views at the opening session of the two-day second International Conference on Information Science and Communication Technology.

The conference has been organised by the Department of Computer Science, University of Karachi, at the Professor Salimuzzaman Auditorium, Hussain Ebrahim Jamal Research Institute of Chemistry, KU. "Pakistan currently has a natural resource-based economy and to emerge as a strong nation we need to make education, science, technology, innovation and entrepreneurship the key drivers of socio-economic development," said Professor Rehman, who is also the chairman of the Prime Minister's National Task Force on

Science and Technology.

He stressed that knowledge is now the main driving force of world economics. He also mentioned that Singapore is only 865 square kilometers in size with a five million population, has exports of around \$330 billion and it focuses on human resources and high-tech exports.

He said that by 2025, 12 disruptive technologies would make an impact around the world and it is suggested that they would generate revenue of around \$100 trillion. "The local experts should focus on advanced robotics, autonomous and near-autonomous vehicles, next-generation genomics, energy storage, mobile internet, automation of knowledge work, internet of things, cloud, 3D printing, advanced materials, advanced oil and gas exploration and recovery and renewable energy to become a part of that gigantic global economic output."

He further shared that all government software contracts would only go to local companies to boost local business and

special technology zones would be established.



Dr. Atta-ur-Rahman



By: Khurram Bilal

STEAM Curriculum that Smartly Integrates with Regular School Curriculum

STEMSolutions.pk is a source that provides a complete set of STEM Solutions in the form of a curriculum that easily integrates with the regular school curriculum. It consists of a set of kits, comprising of various components that students can use while performing different Science, Technology, Engineering and Mathematics related projects and activities during their regular academic year at school.

Why we are different from other STEM service providers

We are opting for an innovative approach and a different mindset that we think can serve the purpose of education in a better way and in the best interest of all the stakeholders that include school management, students, parents, and various educational bodies. The content of our STEM Curriculum puts nearly equal weightage to the four constituents of STEM with an addition of Arts activities that makes it STEAM in actual terms.

We don't want to put any huge financial burden on either school management or on parents. With a minimum upfront cost and at a price of a salary of their regular teacher, we are providing them state of the art curriculum

including a STEM kit and a teacher's training manual for the whole year on quarterly basis. In case school management wants zero financial burden, they may charge a price equivalent of a shawarma from parents to let their kids enjoy STEM for the whole month. We do not think it is a bad deal for everyone involved therein.

With the package we are also introducing SS Digital App that is basically a mobile app equally good for android and iOS users. School management can instantly go digital by using this free offer and can manage student's information, records, assignments, attendance, homework and other activities of the whole school. We further facilitate schools in developing STEM Labs in their premises, by introducing a unique and very effective Makerspace concept.

Major focus of school management, no doubt, is on completion of regular scheme of study. The unwelcoming holidays and vacations make it difficult to get done with the course in time. But, the STEM schedule that we are offering does not require extra time. We just need 30 hours for the whole year that could easily be adjusted against one computer or activity period of one

hour per week for a class. In case it could not be managed in school hours, schools can also offer these classes on Saturdays or as part of a summer camp during long vacations. Our specifically designed STEM Curriculum is time tested and piloted in various campuses of NGS (National Grammar School) and its validity and reliability is already checked against the standards and the quality is assured before marketing. So your satisfaction is guaranteed.

STEM is a buzzword in International academia and more and more Pakistani schools are attracting towards it nowadays. In our schools in Pakistan we only focus on delivering the knowledge that students can learn, memorize and put on a paper to get good marks. This approach underpins a limited level of understanding about the topic among the students. If students cannot understand well how can they apply that knowledge in practical life scenarios. And above that, can they synthesize knowledge by themselves to come up with something creative and innovative? If not, then we need to facilitate them with something that is more practical and hands-on that STEMSolutions.pk will teach the students.





APQN ACADEMIC CONFERENCE 2020
in SINGAPORE

*Quality Assurance for Higher Education 4.0
in the Asia-Pacific Region*

DAY 1



Photo credits: SMU

DATE

April 16TH - April 19TH 2020
Thursday - Sunday

 Singapore Management University (SMU)
Mochtar Riady Auditorium



DAY 2



Photo credits: eventfinda

 Nanyang Academy of Fine Arts (NAFA)
Lee Foundation Theatre

REGISTER HERE



or bit.ly/apqn2020

EARLY-BIRD CLOSES ON
31 JANUARY 2020

ORGANIZED BY:



HOSTED BY:

EDUVALUE

HELD IN:



SUPPORTED BY:





SHAHSONS



PICASSO ORIA

PICASSO®

www.shahsons.com

EVENT

Institute for Contemporary and Islamic organizes Annual Science and Math's Exhibition

The Institute for Contemporary and Islamic Studies (ICIS) organized Annual Science and Math's Exhibition held successfully at a local hotel in Lahore, the event attracted a good deal of students and enthusiasts alike.

The students of ICIS demonstrated the various science and math's models they had come up with for their final projects.

Students developed these models with the help of their teachers especially Miss Samia Nawaz and Miss Mariam, the distinguished teachers at ICIS. They said that working with the students had always been a source of satisfaction for them. Terming the student's mental growth of utmost importance to ICIS, program coordinator and ICIS principal, Muhammad Faisal pointed towards STEM subjects as the future.

A number of distinguished guests were invited including educationist Professor Arsha Bhutta, Mr. Hafiz Muhammad Irshad (Founder of SafinaTul Islam), Mr. Amir Muneer (Additional Session Judge), Mr. Reehan Khan (Secretary Lahore Bar), Mr. Amir Munawar (Researcher SRC), Mr. Yasir Munawar (EST), Mr. Jawad Nafees (Manager R&D AFAQ), Shahzad Mehmood (Professor), Mr. Tahir Ashraf (Superintendent LWCU), Mr. Adil Naseem (Manager Tariq Float), Mr. Amir Sultan (Manager Logistics), Mr. Hafeez (Businessmen) and Mr. Hafiz Irfan Raza (Advocate).





SCHOOL CRAFTS

FOR SCHOOLS AND PARKS

NATIVE GROUP

www.schoolcrafts.com.pk



- ★ Montessori Furniture / Montessori Material
- ★ School Furniture - Educational Toys
- ★ Indoor Soft Play / Outdoor Play Equipment

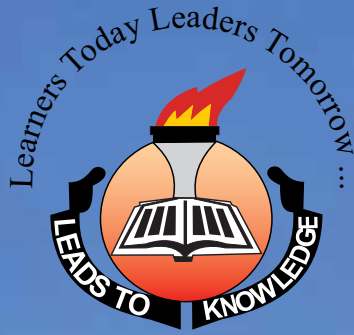


FACTORY / DISPLAY CENTRE LAHORE

Plot No. 283 Opposite Kot Lakpath Railway Station, Peco Road,
Near Naeem Electronics, Lahore, Pakistan. Cell # 0300-9488890

DISPLAY CENTRE RAWALPINDI

Plot # 851 A-1, Main Peshawar Road, Opp Chure Depo,
Rawalpindi Cantt, Pakistan. 0309-9488890



LEADS SCHOOL SYSTEM



ADMISSIONS

OPEN

In House Facilities

- Spoken English
- Mineral Water
- 50% Discount Tuition fee from LEADS College & University
- Art
- Library
- Health & Care
- Sports & Games
- Career Counseling
- Co-Curricular Activities
- Child Centered Learning
- Individual Education Plan
- Modern Teaching Methods
- Interactive PTM's
- Quranic Translation & Naazra
- Educational & Excursion Visits
- Effective Assessment & Evaluation
- Well Equipped Computer & Science Labs
- Intensive Professional Training Sessions for the Faculty
- Quality & "LIFE SKILLS" Based Education
- Integrated, Inquiry and Project Based Learning
- Curriculum Based on National And International Standards

Aims & Objectives

- Holistic Development of Character
- Academic Excellence & Life Skills Based Education
- Strong Leadership And International & Cultural Academic Exchange
- Islamic Culture & Discipline
- Physical Fitness

Projects of LEADS GROUP



www.leadsschools.com.pk

Follow on:

