



MIR SHER MUHAMMAD KHAN TALPUR PUBLIC SCHOOL MIRPURKHAS

NO/PSM/GCF/2024/162

Date: 30-10-2024

To

Honourable Director/ Principal/Headmaster/Headmistress

Subject: Invitation to Participate in the “**2nd STEAM Education Exhibition 2024**”

Greetings from Public School Mirpurkhas. We trust this correspondence finds you in the best spirits.

Public School Mirpurkhas takes immense pride in announcing the “**2nd STEAM Education Exhibition 2024**” a provincial-level event that promises to celebrate the fusion of Science, Technology, Engineering, Arts, and Mathematics (STEAM) within the educational landscape.

The foundation of a scientific and innovative mindset is unequivocally laid during the formative years of school education. We understand that, as educators, we share a collective responsibility to nurture our students' inherent curiosity and thirst for knowledge. It is in this spirit that we have organized this exhibition.

We are convinced that your esteemed institution shares our commitment to fostering creativity and innovation in students. As such, it is with the utmost respect and enthusiasm that we extend this invitation to your institution to participate in the “**2nd STEAM Education Exhibition 2024**”

The event will be held on **Saturday, November 30, 2024, from 9.00 am to 4.00 pm**, followed by a closing ceremony from 3 pm to 4 pm on the same date, and we believe that your school's participation will greatly enhance the exhibition's quality and impact. Your students will have the opportunity to present their projects and talents across various STEAM disciplines, contributing to a rich and intellectually stimulating environment.

In light of the above, we kindly request your Institute to confirm your registration by **November, 20th 2024**. Our dedicated team is readily available to address any inquiries or provide additional information. We eagerly anticipate your positive response and sincerely hope for the privilege of welcoming your institution to the **2nd STEAM Education Exhibition 2024**.

Kind regards

Prof. Imran Ahmed Larik

Principal

Public School Mirpurkhas

Contact #. 0333-2684955

Email: larikimran@gmail.com

The main themes and sub-themes for the “**2nd STEAM Education Exhibition 2024**” at Public School Mirpurkhas on **Saturday, November 30, 2024 from 9am to 3pm** are:

S#	Subjects	Theme	Sub-Theme	Eligible Candidates
1	Biology	Biological/ Life Sciences	<ul style="list-style-type: none"> • Environmental science • Health Science • Biotechnology • Genetics 	Male/female candidates of IX to XII
2	Physics	Working models and applications	<ul style="list-style-type: none"> • Electromagnetism • Thermodynamics • Mechanics • Waves and Optics • Space Sciences 	Male/female candidates of IX to XII
3	Chemistry	General applications of Chemistry	<ul style="list-style-type: none"> • Physical Chemistry • Analytical Chemistry • Biochemistry • Organic/Inorganic Chemistry • Green Chemistry • Industrial Chemistry 	Male/female candidates of IX to XII
4	Computer	Hardware Software	<ul style="list-style-type: none"> • Internet Of Things and Arduino. • A.I • Computer Network • GPS Tracking Electronic Project • Programming Language and Web-Based Application • E-learning • Digital literacy (Web page) • Mobile applications • Graphics • Office Automation (Interactive presentation) 	Male/female candidates of IV to XII
5	Mathematics	Mathematical Modeling	<ul style="list-style-type: none"> • Geometry • Algebra • Trigonometry • Matrices • Numbers and Operations • Calculus • Mathematical Puzzles 	Male/female candidates of IV to XII
6	General Science	1. Physical Science 2. Biological Science 3. Earth and Space Science	<ul style="list-style-type: none"> • Living things • Human Body • Environmental change • Matter and Energy • Electricity and Magnet • Space Science 	candidates of IV to VIII
7	Arts	Poster Painting OR Model Making	<ul style="list-style-type: none"> • Culture and Heritage (National and Provincial) 	candidates of IV to XII
8	Creativity	Creative Art work	<ul style="list-style-type: none"> • Trash to Treasure 	candidates of IV to XII
9	Live art competition	Two hours (10:00 to 12:00noon)	<ul style="list-style-type: none"> • Natural scene or patriotic 	VI to X students

Guidelines for the participating school/college

- The schools willing to participate, need to apply by filling out the registration form before the closing date. The registered form is attached to the letter. The Last date for registration is 20th November 2024
- Each school could participate only in 1 project from each subject/theme.
- You can Register your institute via Whatsapp number or email address.
- For each category, only two participants are allowed.
- Select a topic of your interest from the suggested themes/sub-themes.
- Think of an idea that is original and innovative. It may be a research-based project, or an improvement of the existing product, or process or a solution to a problem/challenge.
- **For art:** The size of the poster painting for all grade students is **22* 15”**.
- Poster painting should represent culture whereas model should represent heritage.
- Ensure the availability of resources for your project and their cost-effectiveness. You're advised to use materials that are eco-friendly and low-cost.
- Consult your mentor teacher at various stages.
- All the participants will receive a participation certificate.
- Shields will be awarded to the, Best, first, second and third winners in each category
- All students who participate must be in their school/ college uniform.
- The size of the Stalls will be 15*10.
- Only electricity connection will be provided.
- All Primary, elementary, secondary, and higher secondary students are eligible to apply.

Themes-related queries should be asked from the respected subject coordinator mentioned below:

S#	Name of Teacher	Subject	WhatsApp #.
1	Ms Faiza Tahir	Biology(IX-XII)	0318 3229345
2	Sir Zain Ul Abden	Physics(IX-XII)	0300 3347393
3	Mr Zulfiqar Ali	Chemistry(IX-XII)	0303-3408117
4	Mr Rajesh Kumar	Computer (IX-XII)	0303-0086267
5	Mr Fahad Shah	Computer (VI-VIII)	0312-0440066
6	Ms Aliza	Mathematics (VI-XII)	0333-7594174
7	Ms Aqsa Mangrio	General Science (VI-VIII)	0333-3322165
8	Ms Rubab Zahra	G Science (IV-V)	0314-3875424
9	Ms Shazmeen	Art & Creativity (IV-XII)	0337-8325288

You can Register your institute via Whatsapp number or email address.

Whatsapp number : 0304 3259743 or via

Email: ghulamfatimaleghari@gmail.com

FOCAL PERSON: MS GHULAM FATIMA