



FOR IMMEDIATE RELEASE

Rediscover learning for the future at the Preschool STEAM Learning Festival at Science Centre Singapore

KidsSTOP™ and Preschool Market's inaugural event from 25th - 28th July explores transformation in STEAM education

SINGAPORE, 26 July 2019 – You've probably heard of STEM but what about STEAM? STEAM stands for Science, Technology, Engineering, Arts, and Mathematics. Why the Arts? While STEM is an essential foundation for a future generation of innovators, the addition of the arts creates a more holistic understanding of the world. The inclusion of the arts component also makes STEM more fun to learn and more approachable for kids.

Organised by KidsSTOP™ and Preschool Market, Science Centre Singapore's inaugural *Preschool STEAM Learning Festival* is a four-day event that seeks to showcase creative approaches to STEAM-based teaching and learning with plenty of educational and sensorial play for children.

Open to public from 25 – 28 July 2019, the event aims to foster a better understanding of the early childhood industry as we embrace current methodologies and its transformation in STEAM education. *Preschool STEAM Learning Festival* welcomes young children, parents and educators to experience showcases by pre-schools, explore STEAM-based workshops and hands-on activities and engage in talks by change makers from the early childhood industry.

“As technology changes the way we live and work, we also need to adapt and change the way we teach and learn. *Preschool STEAM Learning Festival* is a platform for professionals and participants in the early childhood industry to collaboratively explore new ways to enhance the learning opportunities for young minds. The festival seeks to explore the role of STEAM-based learning in preparing our children for the future ahead. Together, we hope to encourage knowledge sharing among educators and parents so as to nurture a new generation of problem solvers,” said Associate Professor Lim Tit Meng, Chief Executive of Science Centre Singapore.

Preschool STEAM Learning Festival will explore three key themes –

- 25 – 26 July: Creating holistic experiences
Engage your senses and explore through experiential play
- 27 July: Nurturing curious learners
Cultivate learning through meaningful conversations
- 28 July: Embracing learning opportunities
Be exposed to alternative methods and strategies



Participants can look forward to an exciting fun-filled line-up of experiential and hands-on workshops and activities exploring next generation STEAM-based classrooms across three areas of learning and sharing:

1. **Showcase** by education institutions
2. **Immerse** in STEAM-based hands-on workshops
3. **Engage** in talks and interactive sessions by industry thought-leaders

Pre-School Showcase

From STEM to STEAM, more education institutions have been incorporating arts to make learning fun and nurture both critical and creative problem-solving skills.

Find out how leading preschools such as Kinderland, My First Skool, Little Tree House and Eshkol Valley have been integrating STEAM learning as part of their curriculum and how it allows for more understanding, innovation and a cohesive education in the classroom.

From a showcase of enrichment programmes to documentaries and hands-on activities, learn more about today's next generation classrooms and how STEAM programmes have been designed to nurture your child's creativity, communication and critical thinking skills.

The full list of showcases can be found [here](#).

Immerse in STEAM Workshops

Look forward to an array of exciting activities at the festival including hands-on workshops and sessions led by leading industry experts. Highlights of workshops include -

Artsy Science by KidsSTOP™

Combine art and science to make a sonic dancer! Using simple physics concepts, children can create sounds, as well as a dancer which spins from the vibrations generated!

Building Confidence in Your Child through Performance Art by DSA Onstage

Always wanted a learning platform for your child to be inspired and to discover their passion for performing? In this session, participants learn a mixture of dance genres, explore and learn different vocal and acting techniques. Participant will get to develop their motor skills and better hand-eye coordination as the children dance along to the music beat.

Dinosaur Eva Colour Foam

Unleash your creativity on your favourite Dinosaur! Dinosaur Eva Colour Foam is an extended learning experience from Science Centre Singapore mid-year blockbuster, DinoQuest.

Electric Dough by First Code Academy

Learning more about concepts of electricity with a special dough that conducts electricity! By playing with Electric Dough, students will learn various components and concepts in circuit electronics. Students will also gain better insights in how electricity works under instructor's guidance, and they will understand better how electronic devices work in our daily lives!



Immersive Experience in STEAM by Digital Dream

Discover the beauty of the rainforest, be a palaeontologist or join in the moon-landing with Digital Dream!

Junior Pilot by Applied Learning Centre

Want to find out more about aeronautical engineering? Combining the concept of flight and injecting much fun, this workshop helps will introduce children to basic aeronautical concepts and learn more about the basics of flight engineering.

Junior Robot Locomotion by STEM Inc.

Learn to assemble a bipedal robot sculpture with materials like cardboard and LED lights.

了不起的狐狸爸爸 Fantastic Mr Fox by Singapore Repertory Theatre

Observe how an excavator operates through a Diorama box! Recreate your own animal's barrow paw and learn how animals' paws are nature's levers.

The full list of workshops can be found [here](#).

Engage in Enriching Talks

Join us to hear from a panel of early childhood experts, professors and educators discuss current issues, trends and opportunities around STEAM learning and teaching to ignite the passion for STEM in young children. Key speakers and hot topics include -

The Changeable Brain by Prof Daniel Ansari

Professor in the Department of Psychology and the Brain; Mind Institute at the University of Western Ontario, Canada

How do our brains enable us to learn? Are there critical periods of brain development? When does our brain stop developing and can we still change our brains when we are adults? In his talk, Prof Ansari will provide answers to these and other questions about the human brain and its role in learning and child development.

S.T.E.A.M. in Early Childhood by Dr Weelai Suwanarat

Co-founding partner of training consultancy Jix Sze & Partners LLP

With rapid technological change, we know that our children need to think across subject or learning domains, engage with real-world questions, and collaborate in creating solutions. Following an introduction to S.T.E.A.M., participants will gain knowledge of the importance and benefits of S.T.E.A.M. approach for future learning. Examples of S.T.E.A.M. experiences will also be explored.

Learning 21st Century Skills through Biotechnology by Dr. Yasaman Nemat

CEO & Co-founder of 42LAB

Dr. Yasaman believes that early age plays a significant role in creating a strong foundation for life-long learning. In her talk, she will share her life experience as a top student, what she has learned through her journey as a scientist, and her mission to create a different experience for kids with her biotech educational kits and equipment.

The full list of talks can be found [here](#).



Passes at S\$12/pax can be purchased online at <https://www.sistic.com.sg/events/steam0719> and onsite at Science Centre Singapore during the event days. Every ticket holder will be entitled to one event goodie bag and complimentary admission to the Science Centre Singapore only on the selected day of event. All ticket holders can present purchased ticket stub at KidsSTOP™ Visitor's Centre to get 20% off per child ticket to KidsSTOP™. Terms and conditions apply.

More details about the festival can be found at <https://www.science.edu.sg>, or <https://www.facebook.com/KidsSTOPSingapore>.

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About Science Centre Singapore

Science Centre Singapore, a non-formal educational institution and leading regional Science Centre, along with its group of attractions, brings out the wonders of science, technology, engineering and mathematics through its unique blend of exhibitions, educational programmes and events. A custodian of creativity and innovation, Science Centre Singapore has captured the evolution of scientific developments for nearly four decades.

The Centre and its partners have played a pivotal role in transforming the way students and the public interact with and learn about science, technology, engineering and mathematics. Since 1997, the Centre has welcomed over 30 million visitors and inspired them with more than 1,000 exhibits spread across 14 exhibition galleries and outdoor exhibition spaces.

The Centre's group of attractions include Omni-Theatre, Snow City and KidsSTOP™. The Omni-Theatre is an immersive dual-technology edutainment destination fitted with Southeast Asia's largest seamless dome screen and featuring the latest and brightest 8k digital fulldome system in the world. Snow City is Singapore's only permanent indoor snow centre offering an Arctic inspired experience at Singapore's first ice gallery and snow chamber. KidsSTOP™ - Where every child gets to Imagine, Experience, Discover and Dream - is Singapore's first children's science centre offering an enriching experience through purposeful play for children aged 18 months to 8 years old. For more information, please visit www.science.edu.sg.



About KidsSTOP™

KidsSTOP™ is Singapore's first science centre for children between 18 months to 8 years old. Being innately curious about the natural world, young children develop and understand how to use essential process skills by actively engaging with the environment. KidsSTOP™ aims to enhance these skills of inquiry, investigation and innovation so that they have the Power to Create.

About Preschool Market

Preschool Market believes that every child should have equal opportunity in learning and to maximize their potential. We provide enriching and engaging programmes and resources to support children's development in future skills like problem-solving, creativity and relationship-building.