

Press release
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STEAM Hub Siemensstadt Square launched: Think and Do Tank of Siemens Stiftung teaches future skills to shape change positively

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Siemensstadt Square is a new digital, sustainable, and energy-efficient urban district under development that aims to enrich Berlin as a city with a vision for the future and a place for innovation. The independent and non-profit Siemens Stiftung is contributing towards this vision through the STEAM Hub Siemensstadt Square and with innovative educational programs. Working together with partners from educational practice, science and civil society, the Think and Do Tank facilitates knowledge transfer between local and global best practices that anchor sustainability and a positive digital culture in the district.

From May 2022, the STEAM Hub Siemensstadt Square of Siemens Stiftung will offer a range of high-quality, innovative educational programs aimed mainly at educators and students in and around Siemensstadt Square in Berlin-Spandau. STEAM (STEAM: **S**cience, **T**echnology, **E**ngineering, **A**rts and **M**athematics) is combining knowledge from the STEM subjects with 21st century skills such as creative problem solving and critical thinking. The holistic approach nurtures young learners full potential and prepares them to design a sustainable future. As a Think and Do Tank, the Siemens Stiftung in the STEAM Hub will also support interdisciplinary knowledge transfer, integrating practical insights into the global discourse on contemporary STEM education. The focus is on specific, topical issues that relate to everyday lives, as well as on practical solutions that can make a direct impact on the immediate environment.

Dr. Nina Smidt, Managing Director and Spokesperson of the Board of Directors at Siemens Stiftung: “STEAM subjects in particular can prepare young people to solve challenges in a volatile, uncertain, complex world shaped by digitality. The STEAM Hub Siemensstadt Square aims to teach knowledge, skills, and attitudes to positively shape this change.”

The official opening will be the **Make@thon on the “Future of Food”**, held from **30 May to 4 June 2022** at the STEAM Hub Siemensstadt Square. Students in grades 9–12 from schools around Siemensstadt Square will work together to develop solutions for a diet of the future that fills everyone up and is healthy and climate-friendly at the same time. The Make@thon is being organized by the University of Osnabrück and will be held at the A32 Entrepreneurs Forum Berlin Siemensstadt. In the innovative spaces, pupils will have access to equipment including 3D printers and experimentation sets to make prototypes for their products and solutions. Registration for interested students to the Make@thon “Future of Food” is still possible at: chemie.uni-osnabrueck.de/forschung/didaktik_der_chemie/makethon.html

Media representatives are warmly invited to join the closing event. A detailed invitation will follow.

The seminars for the STEM education program Experimento from the Siemens Stiftung, in partnership with the Carl-Friedrich-von-Siemens-Gymnasium in Berlin, are already underway. The focus is on energy, environment, and health, with

knowledge about problem solving methods and digital skills in computational thinking also being taught.

In partnership with the Hasso-Plattner-Institut/School of Design Thinking, the project “Design Thinking in STEM” is also planned. It will include workshops for STEM teachers from schools at Siemensstadt Square and will focus on applying the Design Thinking approach to specific challenges relating to the UN Sustainable Development Goals and Siemensstadt Square.

We offer our thanks to Siemens Professional Education and the Siemensstadt Square project team for their support in the implementation of the STEAM activities from the Siemens Stiftung at Siemensstadt Square.

More information on the STEAM Hub Siemensstadt Square and on the activities being planned can be found here:

siemens-stiftung.org/en/steam-hub-siemensstadt-square/

About Siemens Stiftung

As a nonprofit foundation, we promote sustainable social development, which is crucially dependent on access to basic services, high-quality education, and an understanding of culture. To this effect, our project work supports people in taking the initiative to responsibly address current challenges. Together with partners, we develop and implement solutions and programs to support this effort, with technological and social innovation playing a central role. Our actions are impact-oriented and conducted in a transparent manner.

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