

Bringing online STEM education to every student: Huawei joins the digital learning platform STEM@Home

To adapt to the online education new normal in the post-COVID era, Huawei joins the digital learning platform STEM@Home launched by CSR Europe's STEM (Science, Technology, Engineering, and Mathematics) education alliance Together for STEM. In collaboration with industry partners, Huawei provides free access to its best online learning resources covering the latest technologies such as 5G, AI and Cloud Computing.

The COVID-19 pandemic has transformed education with the result of a distinctive rise in online learning. At the peak of the pandemic, more than 190 countries around the world shut down schools, affecting more than 1.6 billion students.¹ To support the recovery plan and ensure education continuity and quality, private sector players need to join force to make online high quality education accessible to every student and bridge the digital divide in education.

Connect every student:

Huawei has been committed to improving inclusive education by connecting schools and developing digital skills. In 2020, Huawei stepped up its efforts to provide connectivity, tech equipment and skill trainings for students and teachers worldwide. Moreover, Huawei is aware that it is important to protect young people from the risks of the digital world such as cyberbullying and privacy violation. In Europe, Huawei launched the SmartBus program. Carrying mobile and digital classrooms, the bus visited over 120 schools in Europe by the end of 2020 to teach young people how to identify and report cyber risks through interactive lessons and games. To ensure education continuity during the pandemic, Huawei's ICT Academy launched "Learn ON" program in early April 2020 to address the educational needs of ICT students in universities by providing cooperation incentive funds and over 130 MOOC resources.

Reimagine online education:

Huawei's flagship global CSR program on education Seeds for the Future also successfully moved online in 2020. The program not only provides the most advanced ICT technologies to students but also cultivates their personal leadership skills and lets them experience the Chinese culture. By the end of 2020, there were 9,000 participants from 130 countries and regions who joined the program, forming a diverse and strong alumni network. In 2021, Huawei further improves the program by producing more dynamic online courses and introducing lectures on the applications of technologies in transforming industries and daily lives. To spur creativity and innovation, Seeds for the Future now includes a "Tech for Good" working group for students to come up with solutions to solve local social, environmental or economic issues with technologies. Through this program, Huawei aims to prepare the tech-savvy young people with the skills required to succeed in the ICT industry and beyond.

Bring STEM classes back home:

By joining the collaborative platform STEM@Home and sharing online education resources, Huawei is able to bring the physical classroom online for more students.

¹ [Keeping Our Promise in Education – Huawei BLOG](#)

Holy Ranaivozanany, Head of CSR for Huawei, stated that, "Joining the STEM@Home initiative is a continuity of Huawei's engagement in making STEM education more accessible and providing equal opportunities to all. Our objective is to inspire, broaden horizons and increase strong interest in the tech sector, creating a community of like-minded individuals. The platform would be an additional channel to expand the STEM reach and collaborate with the different partners to ensure that the STEM talent pool is equipped with the relevant knowledge, insights and tools to join the tech sector. We are grateful for the opportunity to make our bit and we encourage other organizations to join and share expertise to make STEM studies within everyone's reach."

Stefan Crets, Executive Director from CSR Europe welcomed Huawei and stated that, 'I am thrilled that Huawei has joined the collaborative platform Together 4 STEM, taking a concrete step to foster talents in the fields of Science, Technology, Engineering and Mathematics. As we witnessed during COVID-19, STEM skills are critical not only to solve complex societal issues but also to empower the next generation in a context of constant technological disruption. With Huawei, we are also enriching the offer of STEM@Home, the multilingual learning platform which provides access to free online STEM resources and tools for students and teachers alike. I hope many more companies will follow Huawei's steps and engage with partners of Together 4 STEM to achieve impact on the ground.'