



NSW EDUCATION STEMSHARE

EMPOWERING SCHOOLS TO TEACH STUDENTS THE SKILLS TO SOLVE THE PROBLEMS OF TOMORROW



Raise awareness of effective use of technology to improve student learning



Enable teachers to understand, experience and embed STEM technologies into teaching and learning

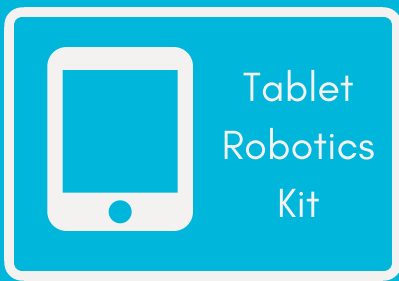


Support students capabilities to use technology for learning and to build digital resilience



Create a sustainable STEM community of practice within the NSW Department of Education

STEM KITS TO PRINCIPAL NETWORKS



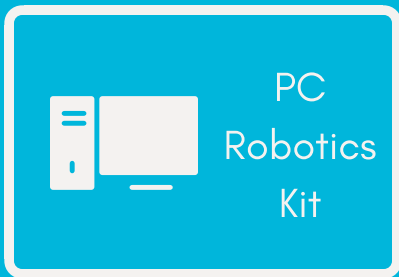
Tablet Robotics Kit



VR / AR Kit



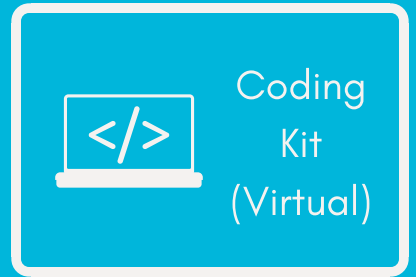
Film Making Kit



PC Robotics Kit



3D Printing Kit



Coding Kit (Virtual)

Project Ideas

Creation of STEM Learning Challenges that are project based, achievable, created by educators, mapped to NSW Syllabus documents, and engaging for students from ES1 - Stage 4

Training

Delivery of support for use of kits and STEM equipment by a dedicated team of STEM Experts across the state. Training will be hands-on, and based on integration of STEM concepts into classrooms.

"Technology at the forefront of human endeavour is hard. But that is what makes it worth it. I strongly believe that the things that are most worth doing in life are nearly always hard to do."

- Michelle Simmons,
2018 Australian of the Year

