

UWATX Investments in STEM Education



Implementing Numbers Plus, a research-based math curriculum

As part of the Success By 6 (SB6) Center Project, UWATX is implementing a research-based curriculum that supports the development of math and literacy skills. This comprehensive set of 120 activities in English and Spanish helps set the stage for more advanced mathematical concepts. **Even at age 14, children that have received Numbers Plus are outscoring their peers in math.**

115 Children helped this year



Providing Developmental Learning Materials to improve language

UWATX is providing 3- and 4-year-old children at the SB6 Centers with eight weekly units in subjects like literacy, math, science, social studies, physical movement, and technology. This curriculum expands children's thinking and understanding of growth and change as it affects them and the world. According to the National Center for Education Research, **the lessons are proven to positively impact reading and language development.**



Utilizing the Health Education for Youngsters, a health curriculum

This fall, UWATX provided the HEY! curriculum and teacher training to SB6 Centers. This health and science program teaches young children about the systems in their bodies and how to take care of them. Students completing the HEY! curriculum will know the importance of and how to take care of every body system. Children also learn about the world around them and how to care for their environment.



Creating and scaling Play To Learn, a parent education course

UWATX developed Play To Learn, an eight-week course offered at local libraries and community centers that teaches parents how to support their children's development through interactive play designed to foster brain development. Families that complete the course receive tablet computers to continue learning interactively with their child. Parents build technology skills and incorporate them into enriching play with their children. **Research shows the program allows parents to support their children more, makes parents happier and helps children improve their social skills.**

200 Families helped



Ensuring high-quality instruction in Out-of-School STEM programs

UWATX improves the quality of instruction in STEM afterschool and summer programs (Out-of-School or OST programs). Research shows that, in order for a program to lead to significant academic gains in math and science, the quality of instruction is critical. UWATX will train and coach afterschool staff in 5 STEM programs to implement research-based techniques shown to improve program quality, increase staff retention, and generate lasting improvements for programs that still remain a year later.

150 Students helped



United Way for Greater Austin