



Elementary Computer Science Program

The Computer Science & Technology Department has developed an elementary computer science program designed to give students basic computer literacy as well as foundational skills in coding, robotics, and computational thinking.



Curriculum

Our full-year technology curriculum provides teachers with cognitively sequenced activities to keep students engaged while learning. Computer skills are used in context of student creation and not in isolation. The curriculum spirals multiple computer science and computational thinking topics. Robotics activities are designed to build upon coding concepts in a fun way so students learn while being actively challenged.



Materials

The Computer Science & Technology Department provides the robotics hardware and software required for implementation. Materials are selected for student engagement, versatility, and cost effectiveness.



Training and Support

Computer Science & Technology coordinators provide professional development for all curriculum resources. The trainings are offered during the summer and each six-weeks. Ongoing training support is provided yearly.

Website:
cs4dallas.org/elementary

