

BootUp

Now, Coding is Elementary

BootUp delivers PD for teachers to empower all elementary students.

WE OFFER:

- Professional Development
- On-site Support
- District Consulting
- Customized Action Plan
- Curriculum Sequence
- Instructional Coach Course
- Ongoing PLC Support

"All students should learn to code! Instruction in computer science and the opportunity to learn to code truly is an equity issue. And for us to have equity and accessibility for all children, it has to happen during the school day."

DR. BETSY HARGROVE

Superintendent
Avondale, AZ

CONNECT WITH US TODAY!




(262) 205-9111
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BootUp Professional Development

NOW, CODING IS ELEMENTARY

PD WORKSHOPS	COACHING	CURRICULUM
 <p>PD Workshops prepare teachers to become confident and effective in coding by sharing computer science and computational thinking concepts, practices, and pedagogy. Our Instructional Coach Course allows educators to increase coaching responsibilities, co-facilitate, and eventually lead PD.</p>	 <p>BootUp supports classroom implementation through onsite Model Teaching and Coaching. Facilitators can either travel to your district to model elementary computer science to your students or virtually lead a model lesson for your classroom.</p>	 <p>Our interest-driven curriculum encourages creativity through project-based coding lesson plans that are personally meaningful to each student. There are over 100 free lesson plans and resources that can be integrated into various subject areas for continued exploration.</p>



"BootUp gave me the confidence I needed to teach coding on the very first day. It's a low floor with a high ceiling. You don't have to know anything about coding to start. But once you do, the sky's the limit."

JAMES LEIGHTON

Desert Thunder Elementary School -
Avondale, AZ



For more information, visit www.bootupppd.org or call: (262) 205-9111, email: suzanne@bootupppd.org

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AVONDALE

The Power Behind CS Education at Avondale Elementary School District



OBJECTIVES

Avondale Elementary School District's mission is to ensure that every child grows as a thinker, problem-solver, and communicator, to pursue a future without limits. To fulfill that mission, Avondale partnered with BootUp PD to develop a three-year district-wide implementation program that would engage students in critical thinking and communication.

SOLUTIONS

As a change agent in education, Superintendent, Betsy Hargrove, saw the potential in a move beyond solving basic puzzles to creating meaningful projects with an interest-driven, project-based learning curriculum. The K-8 schools replaced an existing 40-minute typing and computer applications class with a computer science/coding class. Teachers from a variety of disciplines were involved, including a PE and art teacher. The key was weekly professional development.

OUTCOMES

5,698 Students Impacted

All students across K-8 were exposed to CS in the classroom

100% of the Elementary Schools Exposed to CS

10 schools in the district

40-minute Student Coding Class Year-round

All K-8 students at the district attend 40-minute coding classes a year with a Technology Specialist

AT A GLANCE

Challenges

- Little to no exposure to computer science
- Accessibility and access for ELL students

Benefits

- Equitable integration throughout the school day
- Leveled the playing field for disenfranchised students
- Engaged students in subject areas they love



Learn about starting your own district-wide "Computer Science for All" initiative!

Suzanne Carlson

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