

Background

Through innovative, **hands-on, design-based learning**, over 1,000 teachers have **inspired** more than 85,000 K12 students with the **award-winning** DTEACH program. DTEACH professional development **engages** K12 teachers from **ALL** disciplines to **confidently integrate** STEM content and 21st century skills in both **informal and formal** learning environments.



"My desire to empower children is what made me want to go through DTEACH. I truly believe that this is how you actively engage children in problem solving in a fun and creative way. They learn way beyond what they ever thought possible without even realizing it. To me that's the strength of robotics, and that's why I became involved."

Maria Shield, DTEACH 2010, Del Valle ISD

dteach

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CHECK US OUT ONLINE!
dteach.engr.utexas.edu

dteach Design, Technology,
and Engineering for
All Children



Summer 2013 Educator Professional Development Institutes

DTEACH Basic: July 22-26

DTEACH Advanced: July 29-August 2

Both institutes take place on
The University of Texas campus

 THE UNIVERSITY OF TEXAS AT AUSTIN
Cockrell School of Engineering

Summer 2013 Registration

To register, go to our website:

<http://dteach.engr.utexas.edu/index.php/professional-dev>

Whether you are joining the DTEACH program for the first time or polishing your skills from years past, we have a program for you. Join us this summer for DTEACH Basic, Advanced, or both!

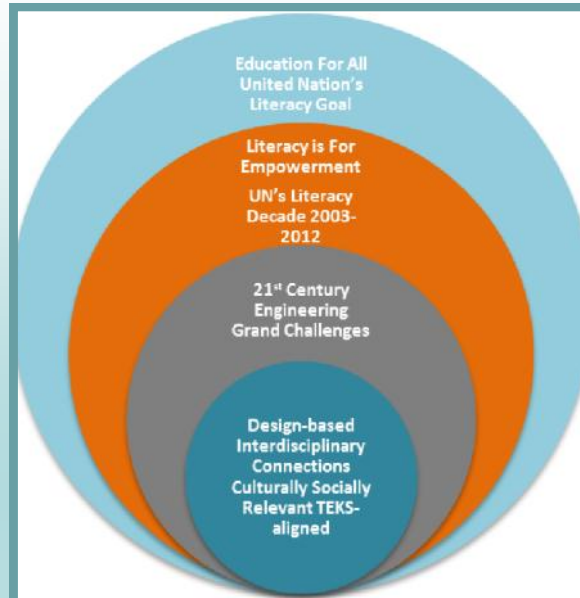
DTEACH BASIC

- ◇ Interdisciplinary design-based pedagogy
- ◇ Basic robotics construction and programming
- ◇ Exploring automation & control
- ◇ Intro to engineering fundamentals

DTEACH ADVANCED

- ◇ Interdisciplinary design-based pedagogy
- ◇ Complex, open-ended building & construction
- ◇ Advanced programming
- ◇ Engineering fundamentals—extended

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NAE
GRAND
CHALLENGES
SCHOLARS PROGRAM

From helping (Re)New Orleans by restoring and improving urban infrastructure to exploring sustainable energy solutions, K-12 educators imagine and design solutions to the 21st Century Engineering Grand Challenges through interdisciplinary, design-based curriculum.



LEGO® MINDSTORMS Robotics provides an engaging technology platform to apply mathematics and science principles, innovate, and model solutions to global issues.