



# Exploring Sciences with Our Infants and Toddlers

PROFESSIONAL DEVELOPMENT FOR EARLY CHILDHOOD EDUCATORS

## Exploring Sciences with Our Infants and Toddlers

Saturday, March 21, 2015, 9 a.m.—3:30 p.m.

Held at Arizona Science Center, 600 E. Washington St., Phoenix, 85004

Have you ever wondered what science concepts develop during a child's earliest years? Do you wonder how to do S.T.E.M. with infant and toddlers?

Learn about how physics, biology, and chemistry content relates to infant-toddler caregiving and take back activities and strategies to engage children birth—age 3 in developmentally appropriate sciences. Registration: \$125 (includes light breakfast and lunch)

Sponsored by First Things First and the Phoenix North and Phoenix South Regional Partnership Councils.



## REGISTRATION

**Register online now at [www.azscience.org](http://www.azscience.org).**

Pre-registration required. Arizona Science Center Members enjoy 10% off each registration with ID.

## For more information or questions:

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# Technology in Early Childhood Series

## EARLY CHILDHOOD PROFESSIONAL DEVELOPMENT OPPORTUNITIES

Do you wonder how to explore technology with children? Have you ever wondered how to integrate technology without computers or tablets? If so, then join one or more of Arizona Science Center's Technology in Early Childhood professional development opportunities!

Inspired by the philosophies of the schools of Reggio Emilia, Arizona Science Center promotes the potentials of all children to be scientific thinkers and lifelong learners who never stop wondering®. Participants will receive a certificate for professional development hours, relevant resources, meaningful materials, and develop the confidence to engage in STEM (Science, Technology, Engineering, Math) experiences with young children and families. Aligned with local and national standards, current research, and best practices.

### **Discovering the Literacy of the Digital: Language, Technology, and Learning**

Thursday, June 11, 2015, 6:30–8:30 p.m.

Held at Arizona Science Center, 600 E. Washington St., Phoenix 85004

Computer technology such as microscopes, tablets, and desktops serve as unique tools for children to investigate the world and communicate their knowledge. We will investigate the connections between technology and children's language and literacy development.

Registration: \$30 (includes dinner)

### **STEM Studio: Technology Tools/ Time for Tinkering and Think-ering**

Friday, June 12, 2015, 9 a.m.—1 p.m.

Held at Northern Arizona University North Valley Campus, 15451 N. 28th Ave., Phoenix 85053

Lug-nuts and wrenches and robots, oh, my! Tinker with unique gadgets and gizmos, investigate technology as a tool for learning, and take back your own engineered robot, activities, and strategies to engage children ages 3–8 in STEM. Adult parents and caregivers are welcome to join.

Registration: \$75 (includes lunch)

### **The 2015 Developmentally Appropriate Practice in Technology with Children Ages 3–8 Conference**

Saturday, June 13, 2015, 9 a.m.—3:30 p.m.

Held at Arizona Department of Education, 16<sup>th</sup> Floor, 3300 N. Central Ave., Phoenix 85012

The National Association for the Education of Young Children (2012) suggests, "Technology and interactive media are tools that can promote effective learning and development when...used intentionally by early childhood educators within the framework of developmentally appropriate practice" (p. 5). But how does that apply to real-world experiences? Explore the fundamental concepts of how children play, learn, and grow; connect these principles with developmentally appropriate technology use; learn how to integrate technology without computers or tablets; and take back activities and strategies to engage children ages 3–8 with technologies in the world around them. Featuring sessions by Arizona Department of Education.

Registration: ~~\$235~~ Early Bird Special: \$200 (includes light breakfast and lunch) until May 1, 2015, Save 17%!