



# EARLY CHILDHOOD EDUCATION

## 13.1210.00

### TECHNICAL STANDARDS

An Industry Technical Standards Validation Committee developed and validated these standards on February 23, 2016. They align with the National CDA Competency Standards in preparation for the CDC certification and prepare students to meet the requirements for Instructional Paraprofessional Certification. The Arizona Career and Technical Education Quality Commission, the validating authority for the Arizona Skills Standards Assessment System, endorsed these standards on May 12, 2016.

Note: Arizona's Professional Skills are taught as an integral part of the Early Childhood Education program.

**The Technical Skills Assessment for Early Childhood Education is available SY2017-2018.**

Note: In this document i.e. explains or clarifies the content and e.g., provides examples of the content that must be taught.

#### STANDARD 1.0 EXAMINE THE FOUNDATIONAL CONCEPTS AND THEORETICAL APPROACHES OF EARLY CHILDHOOD EDUCATION

- 1.1 Explore influences on human development (e.g., environmental, psychological, cultural, genetic, and hereditary)
- 1.2 Compare and contrast child development theories and their implications (e.g., Piaget, Vygotsky, Gardner, and Erickson)
- 1.3 Compare and contrast teaching approaches to early childhood education and their implications (e.g., Montessori, Reggio, and Head Start)
- 1.4 Identify the five developmental areas (domains): physical, social and emotional, approaches to learning, cognitive, and language and communication
- 1.5 Describe current brain development research and its application
- 1.6 Identify play-based approaches to learning (e.g., curiosity, creativity, persistence, and problem-solving)

#### STANDARD 2.0 EXAMINE THE FACTORS INFLUENCING PRENATAL DEVELOPMENT

- 2.1 Identify the stages of prenatal development
- 2.2 Describe prenatal brain development
- 2.3 Identify health and environmental factors influencing prenatal development

#### STANDARD 3.0 EXAMINE INFANT DEVELOPMENT (BIRTH TO 12 MONTHS)

- 3.1 Describe social and emotional development in infants
- 3.2 Describe language and communication (verbal and nonverbal) development in infants
- 3.3 Describe cognitive development in infants
- 3.4 Explain the general progression of physical and sensory development in infants
- 3.5 Select equipment that promotes the development of infants in all developmental areas (domains)
- 3.6 Describe and facilitate developmentally appropriate play for infants
- 3.7 Identify characteristics of atypical/typical development in infants

#### STANDARD 4.0 EXAMINE TODDLER DEVELOPMENT (12 TO 36 MONTHS)

- 4.1 Describe social and emotional development in toddlers
- 4.2 Describe language and communication (verbal and nonverbal) development in toddlers
- 4.3 Describe cognitive development in toddlers
- 4.4 Explain the general progression of physical and sensory development in toddlers
- 4.5 Select equipment that promotes the development of toddlers in all developmental areas (domains)

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- 4.6 Describe and facilitate developmentally appropriate play for toddlers
- 4.7 Identify characteristics of atypical/typical development in toddlers

#### **STANDARD 5.0 EXAMINE PRESCHOOL DEVELOPMENT (3 TO 5 YEARS)**

- 5.1 Describe social and emotional development in preschoolers
- 5.2 Describe language and communication (verbal and nonverbal) development in preschoolers
- 5.3 Describe cognitive development in preschoolers
- 5.4 Explain the general progression of physical and sensory development in preschoolers
- 5.5 Select equipment that promotes the development of preschoolers in all developmental areas (domains)
- 5.6 Describe and facilitate developmentally appropriate play for preschoolers
- 5.7 Identify characteristics of atypical/typical development in preschoolers

#### **STANDARD 6.0 EXAMINE EARLY ELEMENTARY CHILD DEVELOPMENT (KINDERGARTEN THROUGH GRADE 3)**

- 6.1 Describe social and emotional development in early elementary children
- 6.2 Describe language and communication (verbal and nonverbal) development in early elementary children
- 6.3 Describe cognitive development in early elementary children
- 6.4 Explain the general progression of physical and sensory development in early elementary children
- 6.5 Select equipment that promotes the development of early elementary children in all developmental areas (domains)
- 6.6 Describe and facilitate developmentally appropriate play for early elementary children
- 6.7 Identify characteristics of atypical/typical development in early elementary children

#### **STANDARD 7.0 EXAMINE PROCEDURES AND REGULATIONS THAT PROMOTE HEALTH AND SAFETY IN EARLY CHILDHOOD ENVIRONMENTS**

- 7.1 Identify and wear appropriate clothing and shoes to ensure personal safety
- 7.2 Identify possible safety hazards in and around childcare settings (indoor and outdoor)
- 7.3 Describe basic health practices and prevention procedures related to childhood illnesses and communicable diseases
- 7.4 Describe water, sun, and heat precautions and safety practices
- 7.5 Describe proper storage and maintenance of toys, equipment, supplies, and hazardous materials
- 7.6 Describe cleaning and sanitation procedures, including maintaining the facility and equipment, laundry procedures, and dishwashing procedures
- 7.7 Explain compliance with the Arizona Department of Health Services Child Care Licensing Regulations
- 7.8 Explain compliance with OSHA (Occupational Safety and Health Administration) standards
- 7.9 Implement a plan for emergency procedures
- 7.10 Perform basic First Aid and CPR techniques

#### **STANDARD 8.0 EXAMINE HEALTH AND NUTRITION IN YOUNG CHILDREN**

- 8.1 Use proper hand washing procedures for children and adults
- 8.2 Perform personal care procedures for children (e.g., diapering and toileting, napping and resting, feeding and eating, and care routines)
- 8.3 Promote physical well-being for children (e.g., conduct daily health checks, recognize abuse indicators, document injury and illness, and administer and store medications)
- 8.4 Explain the purpose of food guides with respect to snack and meal requirements (e.g., MyPlate, Empower, and CACFP)
- 8.5 Explain the consequences of an unbalanced diet relating to childhood obesity and oral health
- 8.6 Plan nutritious food experiences that appropriately involve the participation of children
- 8.7 Explain how mealtimes can be used as learning opportunities
- 8.8 Recognize special dietary needs of children
- 8.9 Identify foods that may cause choking in young children
- 8.10 Identify practices that promote safe food handling

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## **STANDARD 9.0 EXAMINE STRATEGIES TO BUILD FAMILY AND COMMUNITY RELATIONSHIPS**

- 9.1 Identify the family/guardianship role in the education of the child
- 9.2 Describe the appropriate informal and written communication with family members
- 9.3 Identify ways to involve the family in the education of the child
- 9.4 Use a variety of strategies to welcome, include, and engage all families
- 9.5 Describe components of an effective family conference in an early elementary setting
- 9.6 Describe components of effective family conversations in an early childhood setting for children birth to age 5

## **STANDARD 10.0 EXAMINE DEVELOPMENTALLY APPROPRIATE PRACTICES THAT SUPPORT MEANINGFUL LEARNING EXPERIENCES**

- 10.1 Define developmentally appropriate practices
- 10.2 Identify developmentally appropriate practices based on current research
- 10.3 Practice asking questions that prompt children's thinking (e.g., open-ended questions)
- 10.4 Describe book handling skills for children at each developmental stage
- 10.5 Explore ways to acknowledge and encourage children's efforts and provide specific feedback (e.g., persistence and effort in addition to praise and evaluation)
- 10.6 Explain how to create challenges and scaffold children's learning to support growth, development, and learning
- 10.7 Identify developmentally appropriate technological aids and media resources that support learning
- 10.8 Adapt instructional strategies to meet individual and group needs

## **STANDARD 11.0 EXAMINE DEVELOPMENTALLY APPROPRIATE LEARNING ENVIRONMENTS/LEARNING CENTERS**

- 11.1 Arrange the physical environment to facilitate planned and spontaneous indoor and outdoor activities
- 11.2 Develop a daily schedule that meets the developmental needs of children and allows for teacher-initiated and child-initiated activities with limited transitions
- 11.3 Develop learning centers for infants (birth to 12 months) that include indoor and outdoor environments
- 11.4 Develop learning centers for toddlers (12 to 36 months) that include indoor and outdoor environments
- 11.5 Develop learning centers for preschoolers (3 to 5 years) that include indoor and outdoor environments
- 11.6 Develop learning centers for early elementary children (kindergarten through grade 3) that include indoor and outdoor environments

## **STANDARD 12.0 EXAMINE DEVELOPMENTALLY APPROPRIATE LEARNING EXPERIENCES**

- 12.1 Explain how the Arizona Infants and Toddler Developmental Guidelines may be used to guide the development of learning experiences and opportunities for young children birth to 36 months
- 12.2 Explain how the Arizona Early Learning Standards may be used to guide the development of learning experiences and opportunities for preschoolers 3 to 5 years
- 12.3 Explain how the Arizona Academic Standards may be used to guide the development of learning experiences and opportunities for early elementary children in kindergarten through grade 3
- 12.4 Explore opportunities or experiences that promote social/emotional development in young children from birth to grade 3
- 12.5 Develop learning opportunities or experiences that foster language and literacy development in young children from birth to grade 3
- 12.6 Design hands-on mathematical learning opportunities or experiences that nurture the natural drive to explore and experiment with numbers, shapes, measurement, and patterns for children from birth to grade 3
- 12.7 Create science-learning opportunities or experiences for young children from birth to grade 3
- 12.8 Explore how to integrate social studies' concepts through everyday social and environmental interactions in young children from birth to grade 3
- 12.9 Develop learning opportunities or experiences that promote physical development and personal health and safety in young children from birth to grade 3
- 12.10 Design creative fine arts' experiences that nurture creativity and self-expression including visual arts, music, creative movement, and dramatic play for young children from birth to grade 3

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- 12.11 Describe the basic components of a learning experience plan (e.g., learning objectives/goals, appropriate materials, and evaluation/assessment)
- 12.12 Conduct a developmentally appropriate learning experience
- 12.13 Conduct a reflective evaluation of a learning experience including the mastery of objectives based on evaluation/assessment results
- 12.14 Explain how all the content areas are interconnected across the domains of learning

### **STANDARD 13.0 EXAMINE STRATEGIES THAT PROMOTE PROSOCIAL BEHAVIOR IN YOUNG CHILDREN**

- 13.1 Describe techniques and strategies to encourage cooperation in play and learning including the respect for the rights and property of self and others
- 13.2 Identify techniques to encourage children to identify, express, and regulate their emotions appropriately
- 13.3 Model problem-solving and conflict-resolution skills with children
- 13.4 Incorporate transition techniques to maximize learning
- 13.5 Explain how changes in a child's continuity of care, as well as changes in the physical and emotional environment, may be reflected in a child's behavior
- 13.6 Explain developmentally appropriate approaches to the positive guidance of young children
- 13.7 Identify activities that demonstrate respect for culture, language, and individuality and create a caring community of learners

### **STANDARD 14.0 EXAMINE OBSERVATION AND ASSESSMENT STRATEGIES IN EARLY CHILDHOOD SETTINGS**

- 14.1 Identify reasons for and methods of observing young children
- 14.2 Identify various forms of data that can be utilized in observation and assessment (e.g., family information cards, anecdotal notes, and photographs)
- 14.3 Identify various types of ongoing and progress monitoring tasks, charts, and assessments
- 14.4 Compare and contrast subjective and objective documentation/statements
- 14.5 Identify ways to use data to inform instructional and guidance practices
- 14.6 Record behavior and development by using various forms/tools for observation

### **STANDARD 15.0 EXAMINE PROFESSIONALISM AND LEGAL AND ETHICAL PRACTICES IN THE EARLY CHILDHOOD EDUCATION PROFESSION**

- 15.1 Identify the qualifications, skills, and aptitudes needed to work with children
- 15.2 Explore career pathways and requirements within the early childhood education profession
- 15.3 Demonstrate positive interpersonal behaviors with children, families, colleagues, and supervisors
- 15.4 Conduct formal and informal research on early childhood education topics
- 15.5 Define child abuse and neglect as described in the Arizona Statutes (ARS 13-3623)
- 15.6 Explain state law in reporting suspected child abuse or neglect (ARS 13-3620)
- 15.7 Identify confidentiality issues and strategies to handle them effectively
- 15.8 Explain the role of the National Association for the Education of Young Children and other professional organizations
- 15.9 Explain the role of the Arizona Early Childhood Development and Health Board and its initiatives
- 15.10 Identify the qualifications, skills, and aptitudes needed to work with children

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