



## General Assessment Information

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**Test Type:** The Biotechnology assessment is included in NOCTI's Teacher assessment battery. Teacher assessments measure an individual's technical knowledge and skills in a proctored proficiency examination format. These assessments are used in a large number of states as part of the teacher licensing and/or certification process, assessing competency in all aspects of a particular industry. NOCTI Teacher tests typically offer both a written and performance component that must be administered at a NOCTI-approved Area Test Center. Teacher assessments can be delivered in an online or paper/pencil format.

**Revision Team:** The assessment content is based on input from subject matter experts representing the the states of Connecticut, Georgia, Michigan, Missouri, New York, Oklahoma, and Virginia.



19.0708-  
Child Care and Support  
Services Management



Career Cluster 10 -  
Human Services



25-2011.00- Preschool Teachers,  
Except Special Education

## Written Assessment

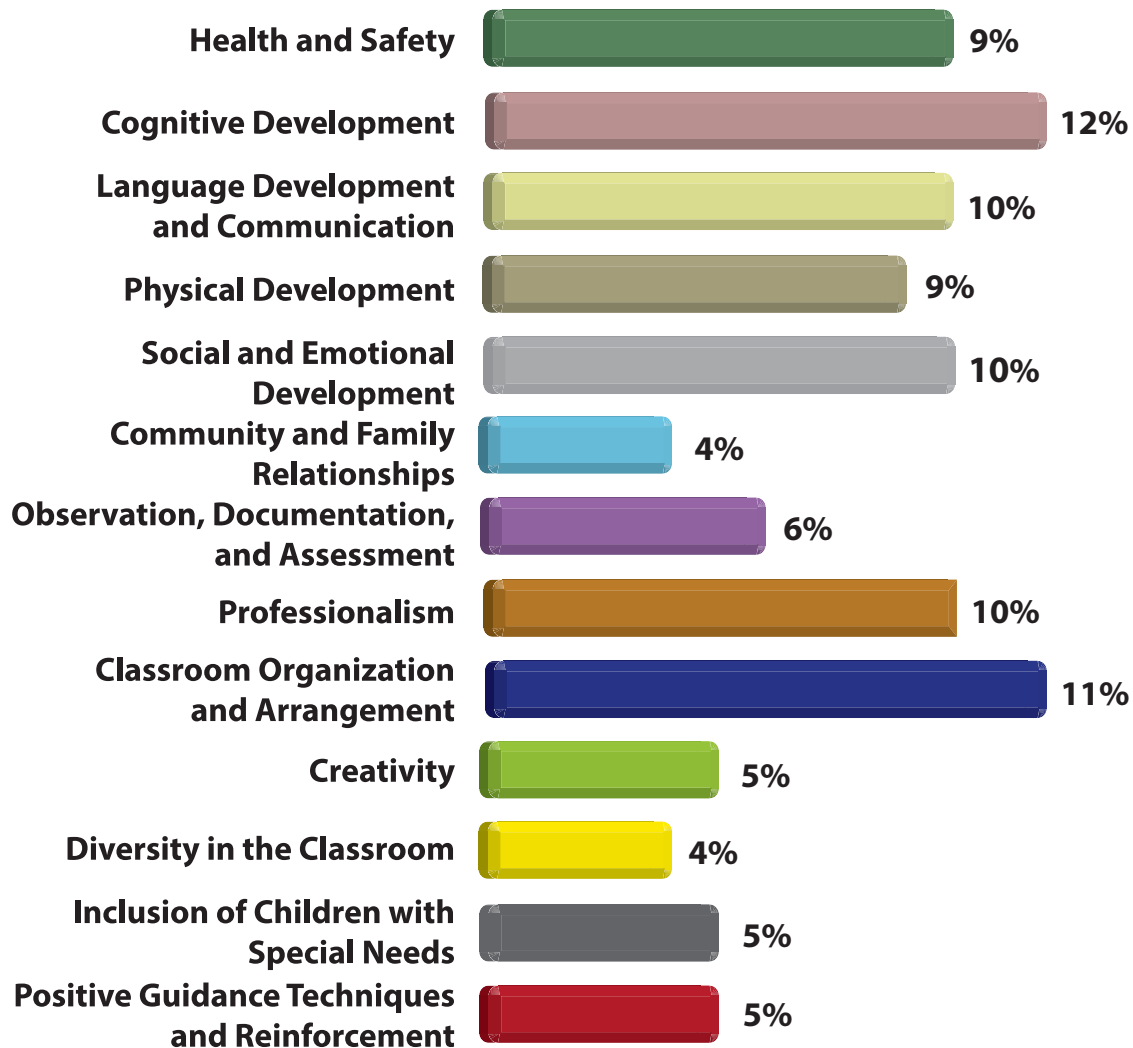
NOCTI written assessments consist of questions to measure an individual's factual theoretical knowledge.

**Administration Time:** 3 hours

**Number of Questions:** 208

**Number of Sessions:** This assessment may be administered in one, two, or three sessions.

### Areas Covered



## Specific Standards and Competencies Included in this Assessment

### Health and Safety

- Identify safety hazards in and around the child care setting
- Identify characteristics of common childhood illnesses
- Describe universal precautions/infection control
- Explain rest and relaxation techniques
- Explain the importance of nutritionally balanced meals and snacks
- Identify indicators and reporting procedures involving child abuse/neglect

### Cognitive Development

- Explain cognitive development stages and how they correlate to social, emotional, and physical development
- Give examples of cognitive development
- Describe equipment and activities that promote cognitive development
- List learning opportunities and conditions that develop creative/critical thinking
- Recognize the factors that impact brain development
- Identify important theories involving cognitive development

### Language Development and Communication

- Describe the stages of language development
- Describe strategies to encourage expressive and receptive language
- List materials that encourage and support literacy skills
- Demonstrate effective literacy strategies
- List various methods of story presentation
- Describe the factors affecting language development



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## Specific Standards and Competencies (continued)

### Physical Development

- Explain the stages of fine and gross motor development
- Recognize the factors that impact physical development
- Describe strategies and conditions that encourage physical development
- Select age-appropriate indoor and outdoor play equipment and activities for physical development
- Describe the effects of play on children's physical development
- Explain how physical development correlates to social, emotional, and cognitive development

### Social and Emotional Development

- Discuss teaching techniques that encourage the development of a positive self-concept
- Describe the stages of social and emotional development of children
- Recognize the factors that impact social and emotional development
- Discuss caregiving techniques that develop appropriate social skills
- Identify positive techniques for conflict resolution and mediation
- List strategies to promote self-help skills

### Community and Family Relationships

- Describe the importance of cooperative relationships with families
- Identify methods of family involvement
- Describe the components of effective school and home communication

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## Specific Standards and Competencies (continued)

### Observation, Documentation, and Assessment

- List observation purposes and techniques
- Observe and record children's developmental learning
- Communicate and interpret observation results

### Professionalism

- Identify career-related skills and employment opportunities
- Identify resources for professional development
- Recognize the need for self-assessment for continued professional growth
- Explain the role of a child advocate
- Identify the importance and legal mandates of confidentiality
- Exhibit appropriate characteristics in an educational team setting
- Apply the NAEYC Code of Ethical Conduct to professional practices

### Classroom Organization and Arrangement

- Arrange age-appropriate classroom environment
- Prepare and maintain materials and equipment storage
- Develop a balanced daily schedule
- Develop an effective lesson plan
- Describe a variety of transition-time activities
- Recognize laws and regulations that pertain to licensing
- Identify recordkeeping and clerical functions in a child care setting



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### **Creativity**

- List strategies for facilitating and displaying/presenting creative products
- Identify appropriate materials and equipment that encourage creative development
- Explain sensory activities and supporting materials

### **Diversity in the Classroom**

- Identify components of a diverse/multicultural curriculum
- Describe ways to incorporate children's home language and traditions

### **Inclusion of Children with Special Needs**

- Identify concerns and basic rights of special needs children
- Describe how to adapt the learning environment to accommodate special needs
- Identify various forms of communication

### **Positive Guidance Techniques and Reinforcement**

- Demonstrate positive adult-child communication
- Identify positive guidance techniques
- Describe how rules and supervision should be set and managed



## Sample Questions

**In an area where 90 percent of the population is below the national poverty level, which of Maslow's hierarchy of human needs must be attended to first?**

- A. status
- B. self-actualization
- C. physiological
- D. aesthetic

**Regardless of the language or dialect spoken, a child must attain competency in semantics, syntax, pragmatics, and \_\_\_\_\_ for language development.**

- A. phonology
- B. ecology
- C. neurology
- D. mythology

**A caregiver should be concerned if a child**

- A. is unable to stand alone by the age of 7 months
- B. cannot speak complete sentences by 15 months
- C. does not react to his/her own name by the age of 1 year
- D. does not learn to read by the age of 3 years

**Children learn about meaningful reading by**

- A. learning the alphabet and letter sounds
- B. using flash cards with simple colorful pictures
- C. waiting until they are in the first grade
- D. being read to and having reading materials available

**An example of a large motor activity is**

- A. playing Go Fish
- B. doing the Hokey Pokey
- C. playing Animal Bingo
- D. working a jigsaw puzzle



## Performance Assessment

NOCTI performance assessments allow individuals to demonstrate their acquired skills by completing actual jobs using the tools, materials, machines, and equipment related to the technical area.

**Administration Time:** 2 hours, 55 minutes

**Number of Jobs:** 3

### Areas Covered:

#### 18% Curriculum Planning

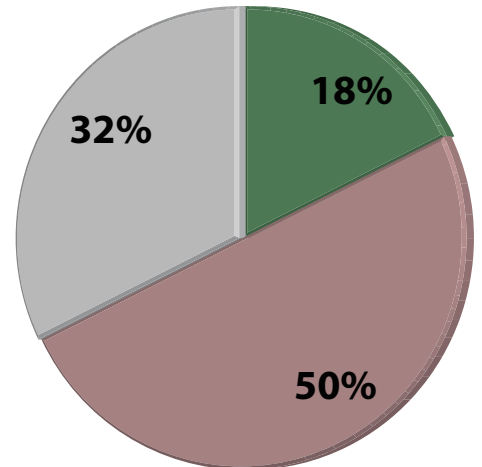
Participants will complete curriculum web form and small group lesson plan.

#### 50% Small Group Teaching

Participants will develop an appropriate lesson plan and introduce and summarize the lesson with a professional appearance and demeanor, implement the lesson plan and interact with children.

#### 32% Arrange a Room

Participants will create good traffic patterns, arrange the room well, and use quality graphics.



## Sample Job

### Small Group Teaching

**Maximum Time:** 25 minutes

**Participant Activity:** Using a provided copy of the Small Group Lesson Plan, the participant will direct and supervise the activity with a group of preschool children.

