

Instructional Framework

Education Professions

13.1200.00

This Instructional Framework identifies, explains, and expands the content of the standards/measurement criteria, and, as well, guides the development of multiple-choice items for the Technical Skills Assessment. This document corresponds with the Technical Standards endorsed on May 12, 2016.



Domain 1: Instructional Strategies

Instructional Time: 40-50%

STANDARD 8.0 EXAMINE THE IMPACT OF CLASSROOM MANAGEMENT AND STUDENT ENGAGEMENT ON STUDENT LEARNING

8.1 Identify instructional strategies and classroom management techniques conducive to learning in various classroom environments

- Types of teaching methods
 - Pros and cons of each
- Student engagement and active participation
 - Active participation techniques
- Positive classroom culture
- Proactive and reactive classroom management techniques
- Difference between rules and procedures
- Classroom design
- Relationship between student engagement and classroom management

8.2 Identify teaching methods that accommodate different learning styles

- Learning styles
 - Effects of styles on instructions strategies
- Multiple intelligences

8.3 Describe strategies that address student motivation and students from challenging environments

- Maslow Hierarchy of Needs
- Barriers to learning
- Intrinsic vs extrinsic motivation

STANDARD 9.0 TEACH A LESSON TO MEET THE NEEDS OF LEARNERS

9.1 Develop objectives aligned with state and district standards

- Accessing state and district standards
- Bloom's Taxonomy/Depth of Knowledge
- Difference between an objective and a standard
- Measurable and observable objectives
- Student friendly language

9.2 Identify different assessment techniques and explain how they guide and inform instruction	<ul style="list-style-type: none"> • Purpose of assessments • Types of assessments • How data guides instruction • Scoring rubrics • Qualitative vs Quantitative
9.3 Identify technology relevant to lesson planning, teaching, and assessment	<ul style="list-style-type: none"> • Online/distance learning • Advantages and disadvantages of technology in the classroom • Explore technological resources that could apply to the classroom • Identify common technology use in the classroom
9.4 Develop a lesson plan aligned with objectives, learning experiences, materials, and assessments	<ul style="list-style-type: none"> • Parts of a lesson plan • Varieties of lesson plan formatting
9.5 Conduct a reflective evaluation of a lesson, including the mastery of objectives based on assessment results	<ul style="list-style-type: none"> • Strengths and weaknesses of a lesson • Importance of self-reflection

Domain 2: Inclusive Practices

Instructional Time: 25-35%

STANDARD 6.0 EXAMINE THE ISSUES RELATED TO EXCEPTIONAL LEARNERS

6.1 Identify defining characteristics of exceptional learners, including children with disabilities and children with gifted abilities	<ul style="list-style-type: none"> • Cognitive, physical, and social ability differences • IQ and its implication on academic learning • Identify different types of exceptionalities
6.2 Define specially designed instruction as it relates to special education	<ul style="list-style-type: none"> • Application of differentiated instruction • Interventions based on student need
6.3 Define an Individual Education Plan (IEP) and its components (e.g., annual goals, present levels, medical needs, and accommodations)	<ul style="list-style-type: none"> • Individual Education Plan (IEP) and its components (e.g., annual goals, present levels, medical needs, accommodations)
6.4 Identify legal responsibilities associated with IEPs	<ul style="list-style-type: none"> • IDEA • Who makes up IEP teams • IEP Process • Legal accountability • FERPA

6.5 Identify accommodations and modifications in adapting instructional activities for individual student goals	<ul style="list-style-type: none"> • 504 • Difference between accommodations and modifications • Common accommodations and modifications in achieving student goals • Application of accommodations and modifications as they apply to different student needs
6.6 Describe the benefits of inclusive practices in support of exceptional learners	<ul style="list-style-type: none"> • Types of classroom placements to meet Least Restrictive Environment (LRE)
STANDARD 7.0 EXAMINE CULTURALLY INCLUSIVE PRACTICES IN TEACHING AND LEARNING	
7.1 Explore opportunities for learning in a culturally diverse classroom	<ul style="list-style-type: none"> • Advantages and disadvantages of a culturally diverse classroom • Identifying characteristics of a diverse classroom
7.2 Explain the role of the teacher’s expectations on student performance in a culturally diverse classroom	<ul style="list-style-type: none"> • Teacher expectations on student performance in a culturally diverse classroom
7.3 Identify the instructional needs of English language learners	<ul style="list-style-type: none"> • Difference between interpersonal, academic language skills • Common accommodations and modifications as they apply to ELL students • Differentiate between learning domains - listening and speaking, reading and writing, and language

Domain 3: Roles in Education

Instructional Time: 5-15%

STANDARD 4.0 EXAMINE THE ROLES OF SUPPORT PERSONNEL

4.1 Describe the roles of certified/licensed support personnel (e.g., counselors, school psychologists, librarians, media specialists, healthcare providers, occupational therapists, physical therapists, and speech language therapists)	<ul style="list-style-type: none"> • Describe the roles of certified/licensed support personnel and their contribution to schools/districts
4.2 Describe the roles of classified support personnel (e.g., food service workers, facility maintenance workers, transportation personnel, paraprofessionals, and after-school program personnel)	<ul style="list-style-type: none"> • Describe the roles of classified support personnel and their contribution to schools/districts

STANDARD 5.0 ANALYZE THE ROLES OF TEACHERS AND PARAPROFESSIONALS	
5.1 Examine the instructional and supervisory roles of teachers	<ul style="list-style-type: none"> Examine the instructional and supervisory roles of teachers
5.2 Examine the instructional and supervisory roles of paraprofessionals	<ul style="list-style-type: none"> Examine the instructional and supervisory roles of paraprofessionals
5.3 Identify the characteristics of successful teachers and paraprofessionals	<ul style="list-style-type: none"> Identify the characteristics of successful teachers and paraprofessionals
5.4 Evaluate self for characteristics that lead to success as a teacher or a paraprofessional	<ul style="list-style-type: none"> Evaluate self for characteristics that lead to success as a teacher or a paraprofessional
5.5 Describe the benefits of the teaching profession and its significance on building an educated society	<ul style="list-style-type: none"> Describe the benefits of the teaching profession and its significance on building an educated society Investment in human capital

Domain 4: Structure of Education and Schools	
Instructional Time: 5-15%	
STANDARD 1.0 EXAMINE THE STRUCTURE OF EDUCATION	
1.1 Identify factors that contribute to effective schools (e.g., leadership, parent/guardian involvement, rules and regulations, and community resources)	<ul style="list-style-type: none"> Identify factors that contribute to effective schools
1.2 Explain the differences among public, charter, and private educational institutions	<ul style="list-style-type: none"> Explain the differences among public, charter, private and alternative educational institutions
1.3 Explain how taxes (i.e., property taxes, sales tax, etc.) impact the school district funding	<ul style="list-style-type: none"> Economic impacts on funding Voter driven initiatives
1.4 Explain the basic steps in attaining a teaching certification	<ul style="list-style-type: none"> Research state departments of education and their specific basic steps in obtaining a teaching certification
STANDARD 3.0 EXAMINE THE ORGANIZATIONAL STRUCTURE OF A SCHOOL DISTRICT AND THE ROLES OF SCHOOL ADMINISTRATION PERSONNEL	
3.1 Review the organizational chart of a school district	<ul style="list-style-type: none"> Explain how an organizational chart applies to the chain of command

3.2 Explain the purpose of the school board in establishing policies and procedures	<ul style="list-style-type: none"> • How school boards take federal and state laws and apply them to a district • Application of additional operating policies and procedures with input from stakeholders
3.3 Explain the roles of district and building administrators	<ul style="list-style-type: none"> • Different administrative roles within a district and a school
3.4 Explain the role of the district superintendent	<ul style="list-style-type: none"> • Explain the role of the district superintendent

Domain 5: History, Philosophy, and Modern Education

Instructional Time: 5-10%

STANDARD 2.0 EXAMINE THE HISTORY AND PHILOSOPHY OF EDUCATION

2.1 Outline the history of education in the U.S.	<ul style="list-style-type: none"> • Brown vs Board of Education • Compulsory education • Influence of religion on education
2.2 Describe the major philosophies of education and their significance to teaching and learning	<ul style="list-style-type: none"> • Progressivism, Perennialism, Existentialism, Reconstructionism
2.3 Examine current educational issues (i.e., school policy, school reform, standards, technology trends, etc.)	<ul style="list-style-type: none"> • Legislative decisions and the effect schools on schools
2.4 Explain the importance of advocacy and civic engagement in support of education	<ul style="list-style-type: none"> • Influence of education on democracy • Community Involvement

STANDARD 10.0 USE TECHNOLOGY FOR INSTRUCTIONAL AND MANAGEMENT PRACTICES

10.1 Identify technology to address different learning needs	<ul style="list-style-type: none"> • Benefits of assistive technology with special needs students
10.2 Identify digital resources/tools that help teachers with planning instruction, classroom management, and for communication	<ul style="list-style-type: none"> • Advantages and disadvantages of technology in the classroom • Explore technological resources that could apply to the classroom • Identify common technology use in the classroom
10.3 Describe how virtual learning impacts education	<ul style="list-style-type: none"> • Describe how virtual learning enhances various types of education