



# PUBLIC SCHOOLS OF NORTH CAROLINA

DEPARTMENT OF PUBLIC INSTRUCTION | June St. Clair Atkinson, Ed.D., *State Superintendent*

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## INSTRUCTIONAL IMPROVEMENT SYSTEM (IIS)

### COMPONENT SPECIFICATIONS

#### 1.0 STANDARDS AND CURRICULUM

- 1.1 Standards
- 1.2 Curriculum Design and Management
- 1.3 Curriculum Review and Revision

#### 2.0 INSTRUCTIONAL DESIGN, PRACTICE & RESOURCES

- 2.1 Develop and Plan
- 2.2 Plan Book/Lesson Plans
- 2.3 Instructional Delivery
- 2.4 Classroom Data Management
- 2.5 Communication and Collaboration (Teacher to Teacher, Teacher to Student, Teacher to Parent, and Student to Student)

#### 3.0 ASSESSMENT AND GROWTH

- 3.1 Item Creation
- 3.2 Assessment Authoring and Creation
- 3.3 Assessment Assignment and Delivery
- 3.4 Assessment Scoring
- 3.5 Assessment Organization and Gradebook
- 3.6 Diagnostic Assessment Requirements
- 3.7 Special State Summative Assessment Requirements

#### 4.0 PROFESSIONAL DEVELOPMENT

- 4.1 Staff Proficiencies
- 4.2 Individual Professional Growth Plans (PGP)
- 4.3 Staff Development Programs
- 4.4 Staff Development Program Management and Integration
- 4.5 Staff Development Reporting

#### 5.0 LEARNER PROFILE AND ARTIFACT REPOSITORY

- 5.1 Demographic and Grade Information
- 5.2 Individual Student Assessment Information
- 5.3 Student Plans
- 5.4 Work Samples

#### 6.0 DATA ANALYSIS AND REPORTING

- 6.1 Teacher/Counselor Perspective
- 6.2 Administrator/Principal Perspective
- 6.3 Parent Perspective
- 6.4 Student Perspective
- 6.5 Common Reporting Capabilities

#### 7.0 \*DOCUMENTATION, TRAINING, AND SUPPORT

- 7.1 Documentation Print/Online
- 7.2 Face-to-Face Training
- 7.3 Video/Webinar/Online Training
- 7.4 Helpdesk Application Support
- 7.5 Support for Technical Staff
- 7.6 Product Upgrades and Enhancements

#### 8.0 \*DATA AND SYSTEMS INTEGRATION

- 8.1 IIS System Design and Architecture
- 8.2 Work Flow Processes
- 8.3 Common Data Architecture
- 8.4 Master Data Management Concepts
- 8.5 Data Movement Architecture – Integration with district, state applications, and the SLI
- 8.6 Data and Systems Standards
- 8.7 Learning Object Repository & the Learning Registry
- 8.8 Shared Learning Infrastructure

#### 9.0 \*IT PLATFORM SECURITY ACCESS

- 9.1 General Features
- 9.2 Scalability and Adaptability
- 9.3 Access and Data Security
- 9.4 Data Access

#### 10.0 NC EDUCATOR EVALUATION INSTRUMENT (NCEES)

- 10.1 IIS NCEES Base Implementation
- 10.2 Work Flow Processes
- 10.3 Data Display Requirements
- 10.4 System Operational Requirements
- 10.5 Data Movement Architecture – Integration with district and state applications
- 10.6 Goal Setting

\*Components that support the entire IIS.

#### LEARNING SYSTEMS

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