



Instructional Improvement System

READY

Agenda



Content	Time	Presenter
Welcome and agenda overview	3:00	Rebecca Garland and Philip Price
Introductions	3:05	Angela Quick
Advisory Group Role	3:20	Angela Quick
Overview of the IIS Project	3:35	Angela Quick
Financials	4:05	Sarah McManus
Getting Ready for the IIS	4:20	Sarah McManus
Questions and Discussion	4:35	Angela Quick
Next Steps	4:50	Angela Quick
Adjourn	5:00	



**Instructional Improvement
System Partner**
{Vendor}

The **IIS**

**External
Stakeholder
Committee**

Objective

Provide feedback from the perspective of various stakeholders to ensure work meets the needs of NC schools and educators

Instructional Improvement System

Why – How – What -- When



Why an Instructional Improvement System?

Improve and personalize student learning

How?

Facilitate the teaching and learning process through

- Increased access to high quality resources *for all*
- Provision of timely and relevant *information and data*

Instructional Improvement System

Why – How – **What** -- When



What tools and resources will be available?

**Learner Profiles and
Work Samples**

Clear picture of students and their needs

**Instructional Design,
Practices and
Resources**

Instructional planning with resources such as unit plans, online learning objects and media-enriched tasks

**Assessment Tools,
Items and Strategies**

Interim and diagnostic assessment items for use in classrooms; formative best practices

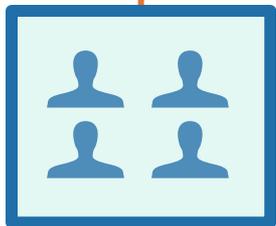
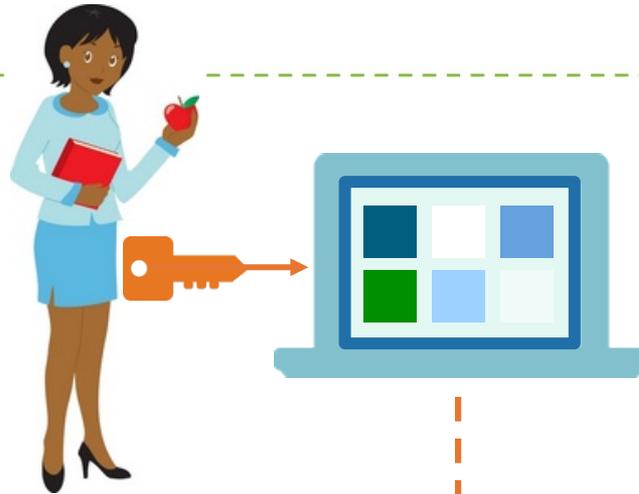
**PD Resources and
Management**

Resources to improve and reflect on practice and tools to manage professional development

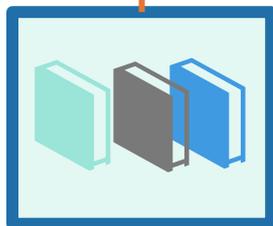
**Dashboards and
Analytics**

Tools to display, understand and use data to drive instruction and professional development choices

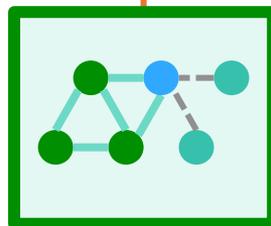
Instructional Improvement System



**Learner Profile
and Work
Samples**



**Standards &
Curriculum**



**Instructional
Design, Practice &
Resources**



**Assessment &
Growth**



**Data Analysis
and Reporting**



**Professional
Development &
Educator Evaluation**

Learner Profile and Work Samples



Glendale Independent School District » Bradock Elementary School » Grade 5 » Amy Woodlee's Class

STUDENT SNAPS!

Hello, [Amy Woodlee](#) | [Help](#) | [Log Out](#)

Switch Dashboard



Allen Deshotel

Grade 5

SS

1
Student Information

Academic Dashboard



2

Allen Deshotel

506 Willow Bend Dr
Leonard, TX 72769

Guardian/Parent Information

Primary Contact

Name Alva Deshotel
Relation to Student Father
Address 506 Willow Bend Dr
Leonard, TX 72769

Cell Phone (555) 555-1234
Work Phone (555) 555-0987
Email adeshotel@glendaleisd.edu

Other Contacts

Name Julia Deshotel
Relation to Student Mother
Address 506 Willow Bend Dr
Leonard, TX 72769
Cell Phone (555) 555-6789

- Teacher has access to learner information to assist with planning and monitoring
- Teacher can use examples of student work for future lessons
- Student can collect evidence of learning and growth
- Parents can view student work

Student Profile

Standards and Curriculum



COMMON CORE ST

Operations and Algebraic Thinking

2.OA

Represent and solve problems involving addition and subtraction.

1. Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.¹

Add and subtract within 20.

2. Fluently add and subtract within 20 using mental strategies.² By end of Grade 2, know from memory all sums of two one-digit numbers.

Work with equal groups of objects to gain foundations for multiplication.

3. Determine whether a group of objects (up to 20) has an odd or even number of members, e.g., by pairing objects or counting them by 2s; write an equation to express an even number as a sum of two equal addends.
4. Use addition to find the total number of objects arranged in rectangular arrays with up to 5 rows and up to 5 columns; write an equation to express the total as a sum of equal addends.

- Standards in a content area
- Learning progressions
- Local curriculum maps
- Teacher or Executive Standards

Instructional Design, Practice and Resources



SMART Exchange
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Page 12

Calculus Lesson Plan

Downloads 12 Recommend this resource

A brief example of how to incorporate different Calculus Derivate problems to the Smart Notebook experience

Resource type: SMART Response question set

Calculus introduction
Teaching Derivatives

www.smarttech.com

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Example

- Sample lesson plans, units, resources
- Create lesson plans and link to appropriate resources
- Differentiate lessons for students
- Gradebook

Assessment and Growth



- Search for FA plans
- Document daily progress
- Search for assessment items/tasks
- Create, administer, and score assessments at classroom, school, and district levels
- Administer statewide assessments

Student Response:

Dear Principals,

I am _____ and I am writing this letter to tell you how important Ancient China is. Ancient China has a lot of reasons why it kept on going, being the last civilization to end demonstrates us how hard they worked.

Ancient China has a lot of reasons why they survived. One of them reasons is because they had two major rivers. The rivers are the Yellow River and the Yangtze River. They also demosticated animals which is still done today. Another reason is cause they had a real rich kind of silk. They used their silk to make clothes. They also never shared their silk with any one else

The Great Wall of China is one of their big projects they did. Its over 6,400 kilometers. The first emperor to order the construction was Qin Shi Huang.

The Karez Canal is a way to get water underground. They dug holes so they could suck up the water and so it would go to their fields. On top of those holes they would build their houses on top so they can have

Scores

	Score	Maximum Score Possible
Grammar Score	90	100
Spelling Score	60	100
Readability Score	0	20
Fluency Score	50	100
Coherence Score	66	100
Vocabulary Score	4	20
Total Score	132	220

Statistics

Number of:

Words	246
Sentences	18
Function Words	115 (47%)
Content Words	71
Grammar Errors	1
Spelling Errors	6
Nouns	70 (28%)
Pronouns	45 (18%)
Verbs	53 (22%)
Verbs - Past Tense	18
Verbs - Present Tense	20
Verbs - Future Tense	0
Adjectives	15 (6%)
Adverbs	20 (8%)
Prepositions	10 (4%)
Conjunctions	11 (4%)
Articles	15 (6%)

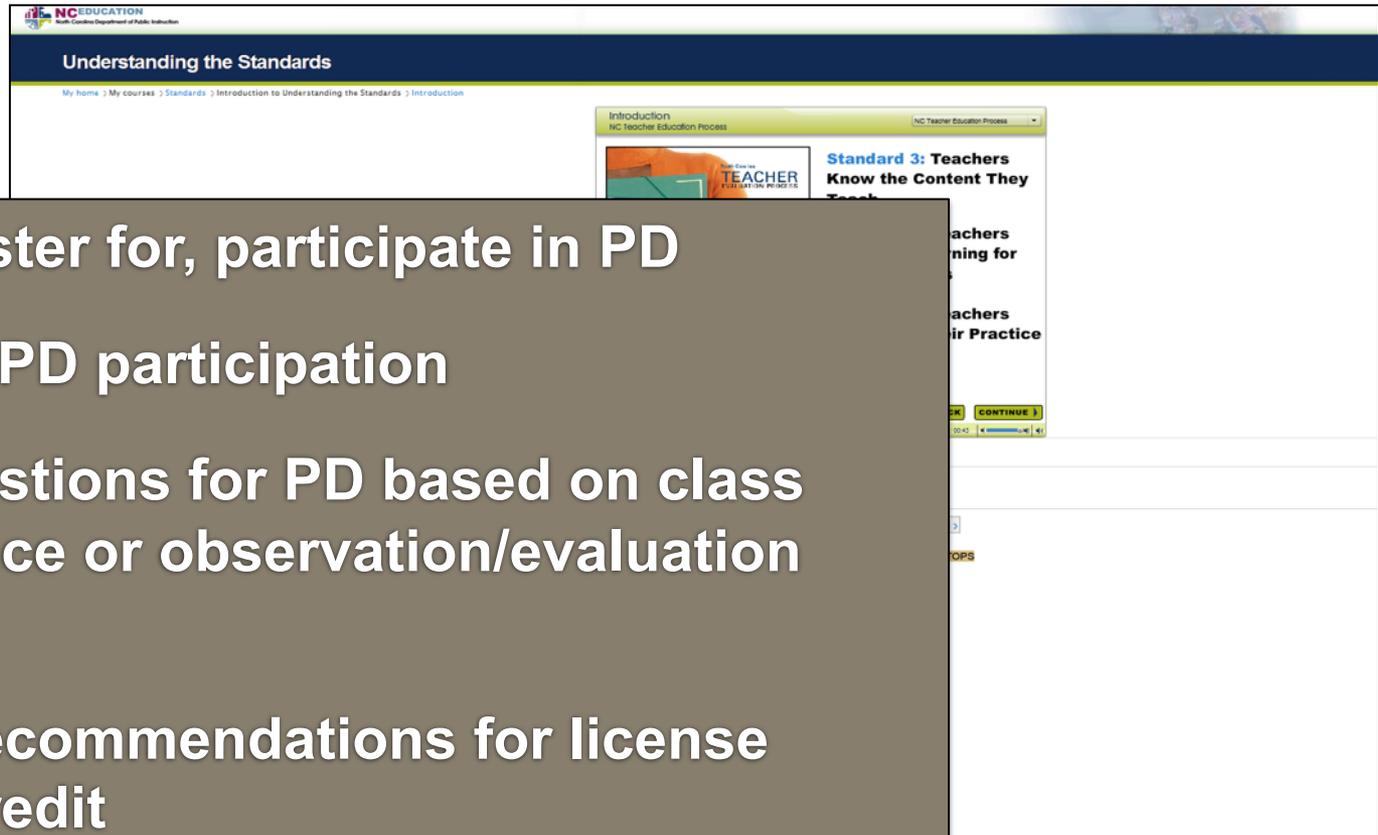
Dashboards, Data Analysis and Reporting



- Customizable views
- Role-based Information
- Multiple Data Comparisons
 - ✓ Attendance
 - ✓ Grades
 - ✓ Test Scores
 - ✓ Discipline



Professional Development and Educator Evaluation



- View, register for, participate in PD
- View past PD participation
- Get suggestions for PD based on class performance or observation/evaluation data
- Receive recommendations for license renewal credit
- Implement educator evaluation processes

Technology Platform



PowerSchool

Student
Information
System
(SIS)

One Technology Platform

- Single Sign-on
- Collaborative
- Populated with resources for NC educators



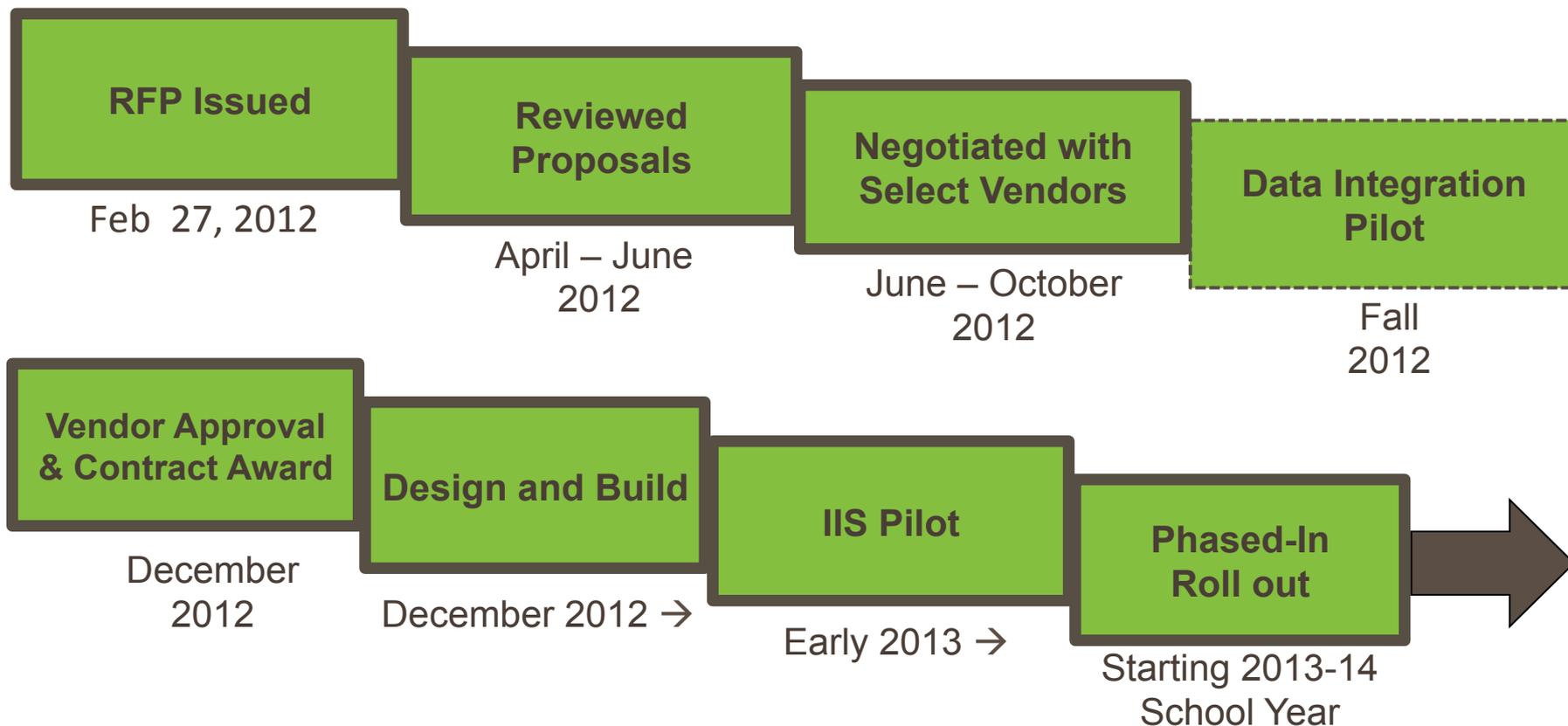
**Instructional
Improvement
System**

Tools for
Teaching and
Learning
(IIS)

Coming Soon

Instructional Improvement System

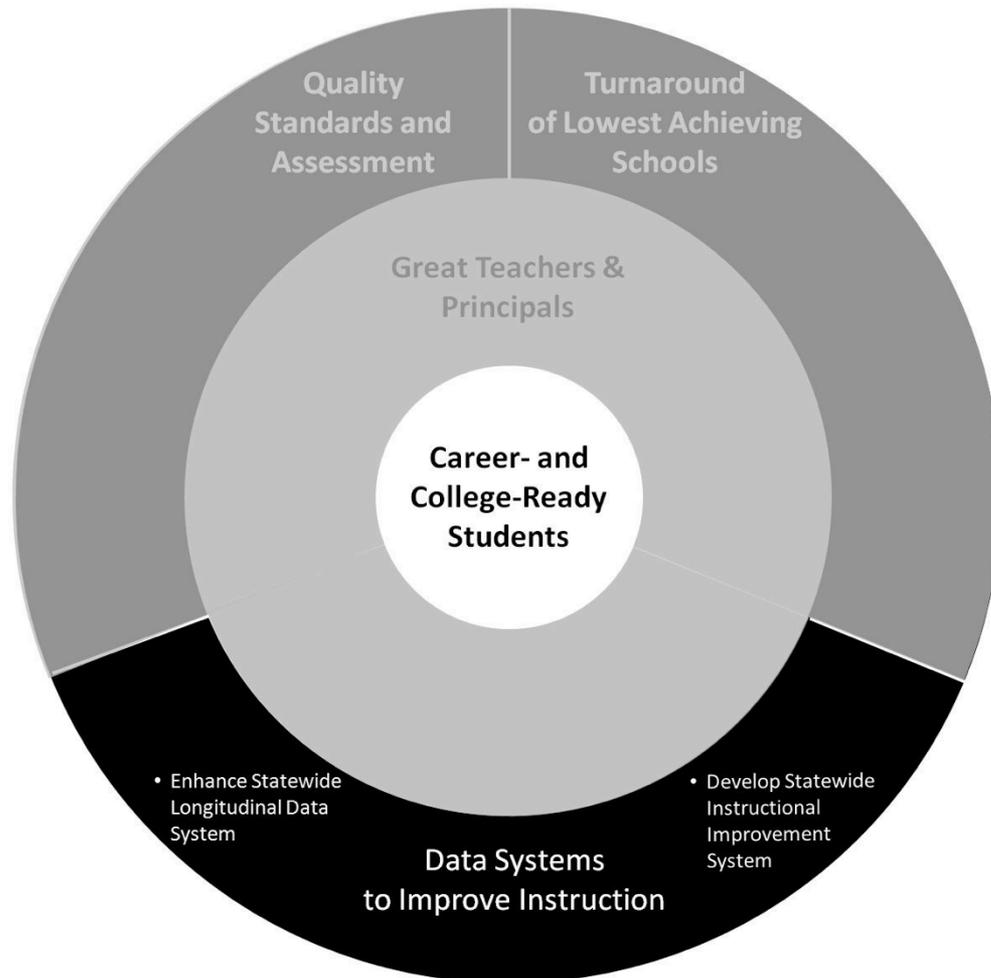
Why – How – What -- When



Race to the Top



Data Systems to Improve Instruction



c3: Using Data to Improve Instruction



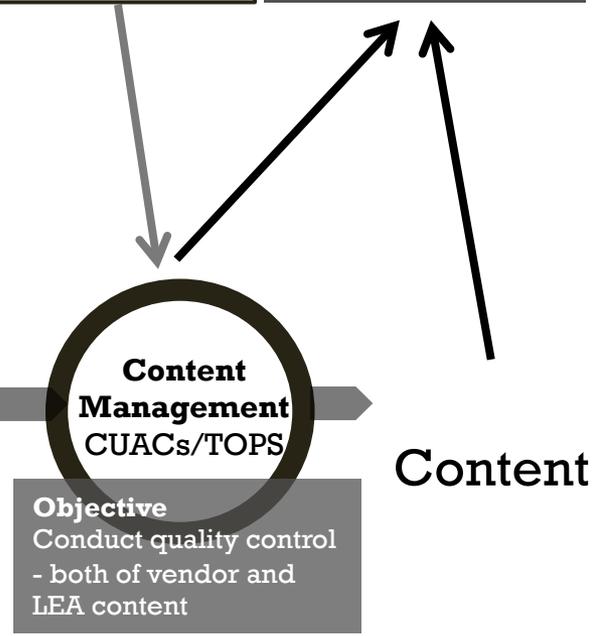
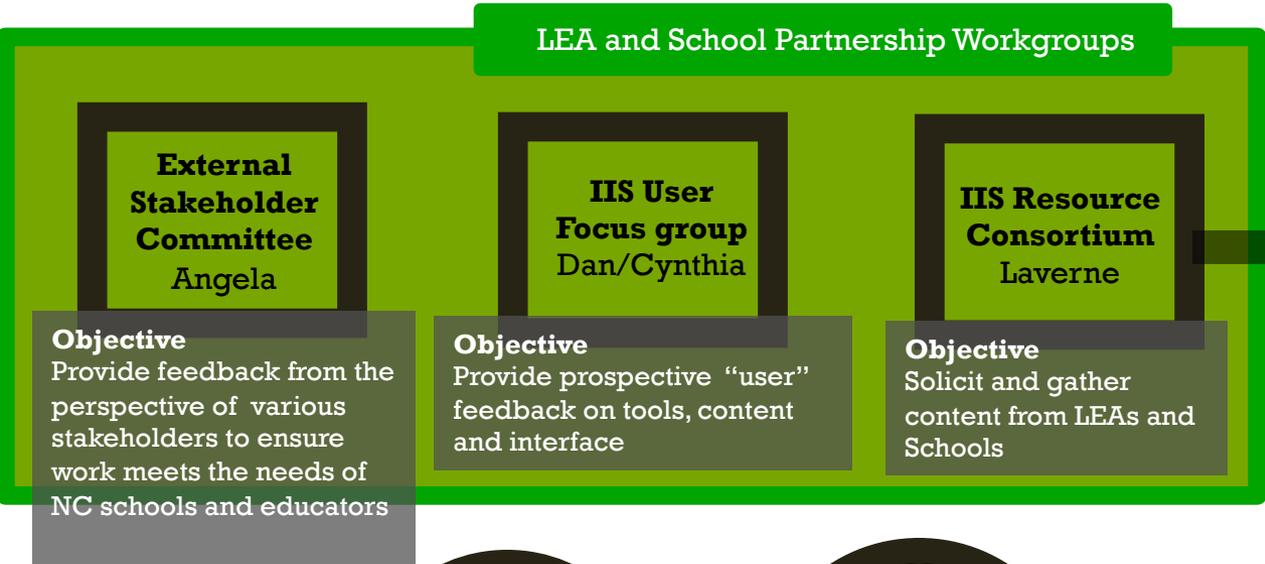
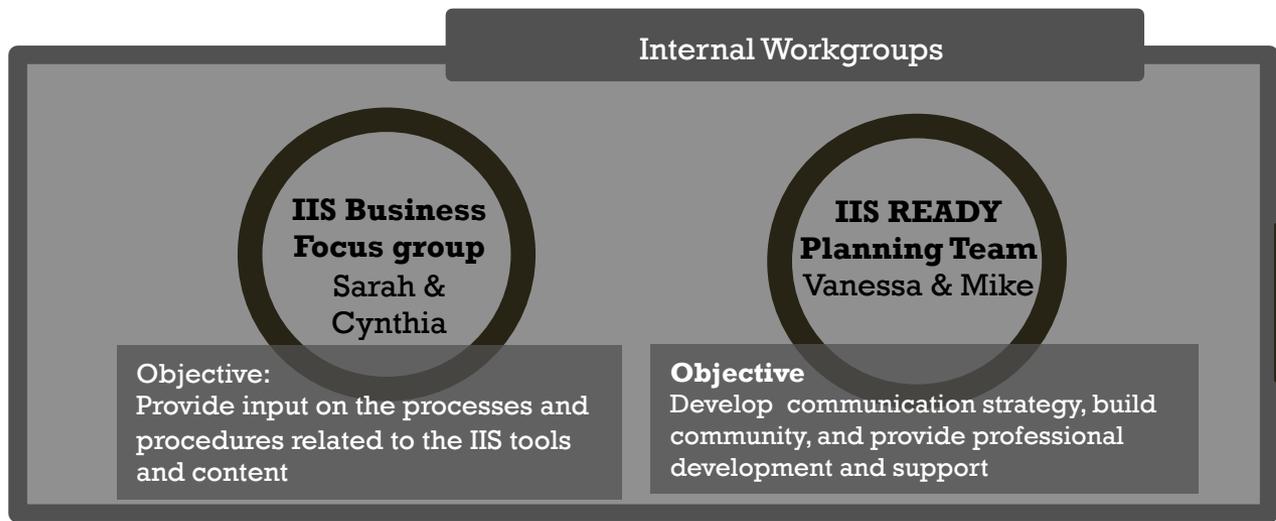
Our RttT plan will ensure that every teacher and instructional leader in NC:

- Has ready access to a high quality **instructional improvement system** containing assessment and data analysis tools and guidance in how to use these tools to improve instructional practices;
- Has professional development that is sufficient to prepare him or her to use the **instructional improvement system** to address students instructional needs effectively; and
- Develops increasingly effective instructional and leadership practices that use data to improve student outcomes.

IIS Budget 2010-2014



\$25 million



Note: Additional detailed to be added once a vendor is finalized.

Getting Ready for the IIS



- IIS READY Group
- IIS Staff has Meetings with Tech Directors in each district
- IIS Staff has Meetings with Superintendents

resources

http://www.ncpublicschools.org/acre/improvement/resources/

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This document provides a broad view of the functionality of each of the components of the IIS. (pdf, 436kb)

- **IIS Specifications Areas**
This document provides an outline of the specifications for the IIS, organized by the main components. (pdf, 352kb)
- **IIS Detailed Specifications**
This document fleshes out the outline above and gives an item by item breakdown of exactly what the IIS functionality will be. The spreadsheet has each component under a separate tab. (xls, 328kb)
- **A Day in the Life**
In this document, you will find example scenarios of a typical day of an IIS User from the perspective of a student, a teacher, a principal, and a state administrator. (pdf, 198kb)

Getting Ready for the IIS

IIS Functional Specifications Analysis
LEAs/schools can decide to use this document to make a preliminary determination regarding how well the IIS will meet their needs. Completing this document is not required and does not need to be submitted back to the NCDPI. This is being provided for informational purposes and for local use. (xls, 539kb)

Presentations

IIS Summer Institutes Presentation 2012
The IIS Team presented information about the IIS at the 2012 Summer Institutes. In this presentation, you will find an overview of what the IIS has to offer; a visual guide on how the various pieces of the project all fit together; and a timeline of project goals. (pdf, 6.5mb)

IIS Webinar with NCAE 2.21.12
Earlier this year, the IIS Team presented to the NCAE information about the IIS. This presentation has an overview of the IIS, renderings of sample pages from an IIS, and a poll with input from the attendees. (pdf, 5.4mb)

Videos

Getting Ready for the IIS.

The IIS Team meets with:



- **Governor's Education Transformation Commission**
- **State Board of Education and Advisors (Principal, Teacher, and Student)**
- **Governor's Teacher Advisory Committee**
- **North Carolina Association of Educators**
- **North Carolina Parent Teacher Association**
- **North Carolina School Boards Association**
- **IIS Stakeholder Advisory Committee**
- **IIS User Groups**
- **LEA and School Staff**
- **Cross-divisional NCDPI Teams**

Getting Ready for the IIS.

Methods of Outreach



- Regional Meetings
- Focus Groups
- Webinars
- Monthly User Group Meetings
- IIS Stakeholder Advisory Committee Meetings
- Conferences
- IIS Resource Consortium Meetings

IIS Website

www.ncpublicschools.org/acre/improvement/



ACRE: ACCOUNTABILITY AND CURRICULUM REFORM EFFORT

[EMPLOYMENT](#) [CALENDAR](#) [NEWSROOM](#) [QUICK LINKS](#)

Google Search!

- ACRE HOME
- CCSA CONFERENCE
- HISTORY
- TIMELINE FOR CHANGE
- COMMON CORE STATE AND NC ESSENTIAL STANDARDS
- ONLINE WRITING INSTRUCTION
- NC FALCON
- ACCOUNTABILITY REDESIGN
- ASSESSMENT
- PROFESSIONAL DEVELOPMENT

INSTRUCTIONAL IMPROVEMENT SYSTEM

Status

INSTRUCTIONAL IMPROVEMENT SYSTEM

The Instructional Improvement System (IIS) is one of Governor Perdue's Career and College: Ready, Set, Go! projects being developed through North Carolina's Race to the Top grant award. The IIS will provide portals for students, teachers, parents, and school and district administrators to access data and resources to inform decision-making related to instruction, assessment, and career and college goals.

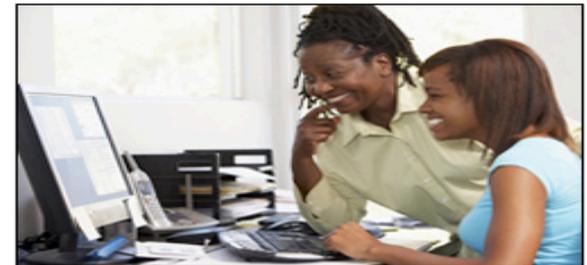
Students will use the IIS to:

- Engage in interactive, rich educational resources that are tightly aligned to the Common Core State Standards
- Take local and statewide assessments with near-instant performance feedback
- Store exemplars of personal academic and/or artistic work
- Collaborate with other students on various projects

Teachers will use the IIS to:

- Supplement their teaching with individualized educational materials
- See a detailed diagnostic breakdown of each child's performance including knowledge and skill areas that require extra attention
- Engage in professional development modules according to personal interests, district goals, and state standards

Parents will use the IIS to:





Do you have any questions?

Stakeholder Advisory Group Meetings



- Meetings will be held every 8-10 weeks.
- December/January meeting date TBD.

Contact



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