




SCHOOLNET

INSTRUCTIONAL IMPROVEMENT SYSTEM

Powering Classroom Achievement



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Pearson's Schoolnet Instructional Improvement System (IIS) is your all-in-one solution to drive data-informed decisions to improve learning. Schoolnet IIS empowers educators to deploy a standards-based curriculum to ensure consistent and rigorous instruction and to administer formative assessments to help identify student needs more quickly. With frequent evaluation and instant result reports, educators can make informed decisions to differentiate instruction and get students back on track towards goals.

Supporting over 190 districts and 4 states across the nation, Schoolnet impacts the lives of more than 6.2 million students. Our customers include 12 members of the Council of Great City Schools, such as, Chicago Public School, the School District of Philadelphia, Baltimore City Public Schools, The New York City Department of Education, and Gwinnett County Public Schools. We also serve state customers such as the State of Kentucky Department of Education and North Carolina's Department of Public Instruction.

Schoolnet helps administrators and teachers be more efficient and effective in far less time by providing them with a single system to manage multiple daily activities.

Administrators Can:

- Make informed resource allocation decisions, based on timely access to actionable data.
- Create and share a set of district-defined key performance indicators aligned with district goals.
- Measure achievement gaps within and across schools and student subgroups, and take action to drive improvements.

Students and Parents Can:

- View information they need to set goals and participate in their education.
- Engage parents in the everyday progress of their children.

Teachers Can:

- Create, search for, recommend, share, and schedule lesson plans with an online lesson planner.
- Create and administer assessments online, via personal response devices, or on plain paper.
- Link lesson plans, curriculum, and assessment items to standards, and then track student mastery.
- Use instant results data to differentiate instruction in the classroom.
- Pull up cumulative student profiles to view test history, disciplinary incidents, schedule, programs, and other teacher anecdotal notes.
- Communicate with other teachers all from one system.

My Schoolnet

My Schoolnet Dashboard

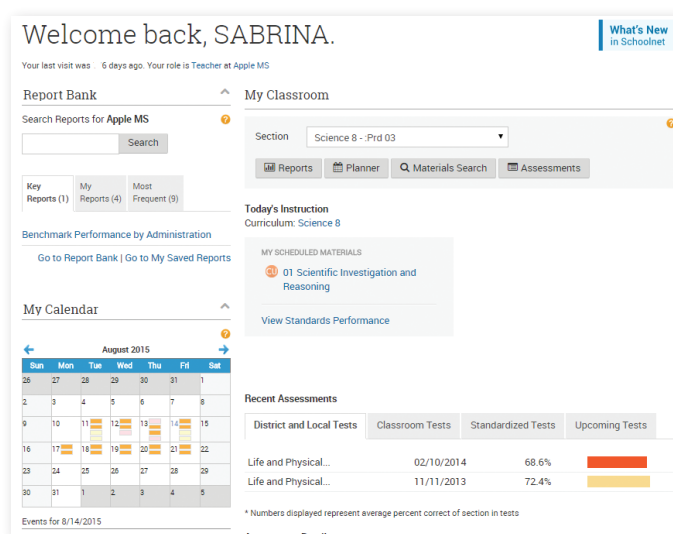
The gateway to Schoolnet is a personalized role-based portal called My Schoolnet. This homepage is designed to provide quick, one-click access to each user's most critical and relevant data and tasks. Users see role-appropriate calendars, district resources, report banks, and district announcements and alerts, as well as links to other key resources, such as curriculum and assessment creation tools within Schoolnet. The portal relies on application permissions and security settings to ensure that each user can only see the information they are supposed to see. With minimal clicks or via the search feature, easily drill down to the individual student profile level for in-depth student information.

Student Profiles and Student Workspace

Comprehensive student profiles are generated with data from your student information system (SIS), allowing teachers and administrators access to a student's cumulative folder in one convenient place online. As a result, student can take control to learn more about the areas in which they need assistance. Students are able to create or upload their work into their online student workspace repository.

Student Profiles and Student Workspaces include:

- Enrollment and academic record data to track grades over time.
- Test results that include state tests, district benchmarks, and classroom tests.
- Attendance and disciplinary data, which allows for tracking and pattern identification.
- An Individual Learning Plan that puts ownership of learning in the student's hands.
- Each student has a large, expandable Student Workspace where they can demonstrate performance and mastery in ways different from traditional assessments; they can load exemplar work to demonstrate mastery or progress with the Workspace linked to one or more course sections.
- Teachers can use the Workspace for student assignment work, independent projects, and performance tasks—and can provide comments and feedback on posted work items.



Upon login, users are greeted with a personalized homepage, which provides them easy access to the tools and data they use most, like access to curriculum resources, assessment tools and most recent results, rosters, calendars, and more.

Student Profile: JERRY C PAUL

Apple MS, Grade 08
Student ID: 887874898

Student Overview | Standardized Tests | Growth Reports | Enrollment & Academic Record | Programs | Learning Plan & Teacher's Notes | Disciplinary Incidents | **Benchmark Tests** | Classroom Tests | Interventions

Show Filters | Show Standards

Standard	Last Assessed	Score	Score Group
LA.8.2: Reading/Vocabulary Development: Students understand new vocabulary and use it when reading and writing. Students are expected to:	2/3/2014	100.0% (1/1)	Advanced
LA.8.3: Comprehension of Literary Text/Theme and Genre: Students analyze, make inferences and draw conclusions about theme and genre in different cultural, historical, and contemporary contexts and provide evidence from the text to support their understanding. Students are expected to:	2/3/2014	100.0% (1/1)	Advanced
LA.8.4 A-S: Comprehension of Literary Text/Poetry: Students understand, make inferences and draw conclusions about the structure and elements of poetry and provide evidence from text to support their understanding. Students are expected to compare and contrast the relationship between the purpose and characteristics of different poetic forms (e.g., epic poetry, lyric poetry).	2/3/2014	0.0% (0/1)	Below Basic
LA.8.8 A-S: Comprehension of Literary Text/Sensory Language: Students understand, make inferences and	2/3/2014	100.0% (2/2)	Advanced

The Student Profile allows teachers and administrators to access a student's cumulative folder online in one convenient place. Multiple tabs store a student's personal information, standardized test scores, disciplinary incidents, academic record, and more.

“By having access to class trends and specific student strengths and weaknesses, I can more accurately plan for the needs of my students and focus more on those areas where my students are struggling.”

—Tori Miller, Teacher, 6th grade,
Harrington Elementary, CO



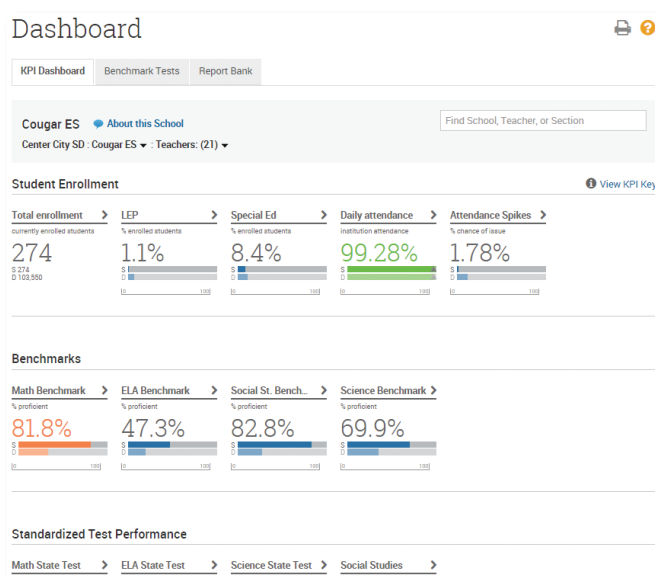
Reporting and Analysis

Measure Performance and Provide a Clear Path to Achieve School and District Performance Goals

The Schoolnet IIS provides extensive reporting and analysis tools, including interactive Key Performance Indicator (KPI) dashboards that give an at-a-glance view of current performance. KPI dashboards offer the ability to drill down easily from the district and school level to teacher, course, section, and individual student level within just a few clicks. By integrating a variety of data stored in disparate locations into a single intuitive interface, the Schoolnet IIS empowers administrators and teachers to make informed instructional and operational decisions in real time.

Standard reports extend the KPI dashboards to provide educators with self-service access to meaningful data. Advanced users with more sophisticated reporting needs can create custom reports with extensive output options to help answer questions and tell stories using data. Leveraging these powerful reporting and analysis features, educators have all of the data, tools, and intelligence they need to identify trends, pinpoint strengths and weaknesses, monitor at-risk students, and make decisions to differentiate instruction.

The Schoolnet platform's Report Bank provides a repository of saved reports to ease data analysis at any level. Any report created in the Schoolnet platform can be saved in a district, building, or personal Report Bank and refreshed with new data uploaded into the system each night.



Key Performance Indicator (KPI) dashboards are quantifiable metrics for gauging performance. These goals are configurable to the district, or individual school level for educators to view the progress their institution is making towards its goals. For more detailed information, users can drill down into a specific KPI to investigate how teachers or students performed.

Key Features and Benefits

Administrators and educators can:

- Use highly visual and interactive data dashboards to chart progress towards performance targets for student achievement, demographics, attendance, enrollment, and disciplinary data in a single interface.
- Identify trends and patterns by analyzing multiple measures of student performance data, including standardized tests, benchmark assessments, attendance, discipline, and marking period grade data.
- Create a set of district-defined standardized reporting metrics and performance indicators aligned with district goals.
- Measure achievement gaps within and across schools with tools that allow data to be disaggregated in a variety of ways, including by student subgroup populations.
- Use a variety of teacher and school comparison reports to inform resource allocation, staffing, and professional development needs.
- Item Analysis reporting allows for question level analysis for any benchmark or classroom test. It can be one of the most effective resources to assist teachers in focusing instruction and addressing student weaknesses, providing specific information about the exact questions with which students struggled.
- Create, save, publish, and share dynamic reports to district and school report banks to make report access and generation a simple, one-click process for users across the district.
- Generate dynamic student-level reports with up to 25 columns and unlimited rows of data that easily export to Microsoft Excel for additional analysis or to Adobe as a PDF for sharing.

Test Name 02/16/12, Science 6 CDB 2.2011-2012 Show fewer tests										
Tools Standard		# of Test Items	Advanced	Proficient	Basic	Below Basic	Times Taught	Times Scheduled	Times Assessed	
SCI 6.4.A: use appropriate tools to collect, record, and analyze information, including journals/notebooks, beakers, Petri dishes, meter sticks, graduated cylinders, hot plates, test tubes, triple beam balances, microscopes, thermometers, calculators, computers, timing devices, and other equipment as needed to teach the curriculum, and		1	24						2	
SCI 6.5.A: know that an element is a pure substance represented by chemical symbols;		2	20			4			1	
SCI 6.5.B: recognize that a limited number of the many known elements comprise the largest portion of solid Earth; living matter, oceans, and the atmosphere;		1	11			13			1	
SCI 6.5.C: differentiate between elements and compounds on the most basic level; and		4	16		6	2			1	
SCI 6.6.B: calculate density to identify an unknown substance; and		3	21			3			1	

Use standards-aligned assessment results to help teachers target instruction for individual students, student groupings or classes.

Order by:	Item Number	Highlight Low Performing Students										
	Total Score	Item 1	Item 2	Item 3	Item 4	Item 5	Item 6	Item 7	Item 8	Item 9	Item 10	Item 11
Sections/Whole Percent Correct	69.3%	90.9%	90.9%	95.5%	65.9%	61.4%	81.8%	84.1%	95.5%	79.5%	36.4%	43.2%
Primary Standard ID	-	SCI.6.4.C.R	SCI.6.4.C.R	SCI.6.4.C.R	SCI.6.4.C.R	SCI.6.4.C.R	SCI.6.4.C.R	SCI.6.4.C.R	SCI.6.8.B.5	SCI.6.8.B.5	SCI.6.8.B.5	SCI.6.8.A.9
Point Value	30	1	1	1	1	1	1	1	1	1	1	1
Correct Answer	-	a	h	b	f	b	f	c	g	c	g	c
Student Name *	Total Score	Sort	Sort	Sort	Sort	Sort	Sort	Sort	Sort	Sort	Sort	Sort
AGUILAR, WILLIAM	73.3%	✓	✓	✓	✓	c	✓	✓	✓	✓	j	✓
AGUIRRE, JAVIER	80.0%	✓	✓	✓	✓	c	✓	✓	✓	✓	j	✓
AGUIRRE, MASHELLE	56.7%	✓	✓	✓	✓	h	✓	✓	✓	✓	j	d
AVALES, LUIS	60.0%	✓	✓	✓	g	a	✓	✓	✓	✓	✓	b
BELL, WILLIAM	80.0%	✓	✓	✓	✓	✓	✓	✓	✓	✓	j	d
BENITEZ, VYNZELL	70.0%	g	✓	✓	✓	a	✓	✓	✓	b	j	b
BRACKETT, JESSICA	53.3%	✓	✓	✓	✓	c	h	d	✓	b	j	b
CHODOL, JONATHAN	33.3%	b	✓	✓	g	c	✓	d	✓	b	j	d
CLARK, RAYMOND	66.7%	✓	✓	✓	h	✓	h	✓	✓	✓	h	✓
DEHARD, ROBIN	63.3%	g	✓	✓	h	c	✓	✓	✓	b	j	✓

Pull up an Item Analysis report to make informed instructional changes to determine opportunities for extensions or remediation.

Highlight Low Performing Students											
Overview Data Definition of terms											
Subject: Life and Physical Sciences				High Score: 30							
Grades: 8				Low Score: 0							
Number of test-taking students: 6936				Mean: 19.61							
Points Possible: 30				Median: 20							
				Standard Deviation: 5.01							
Student Name *	Raw Score	Percent Score	Score Group	Proficiency	Percentile	Quartile	NCE	Stanine	Standard Score		
ALSHARIF, LEONARDO	27	90.0%	Advanced	Yes	95.21	4	85.07	8	1.48		
BALIDO, JAMES	27	90.0%	Advanced	Yes	95.21	4	85.07	8	1.48		
CLARK, DANIEL	26	86.7%	Proficient	Yes	91.34	4	78.69	8	1.28		
CLARK, BRENDAN	28	93.3%	Advanced	Yes	97.78	4	92.34	9	1.67		
FARIS, JULIAN	25	83.3%	Proficient	Yes	85.91	4	72.67	7	1.08		
FLORES, NATHANEAL	23	76.7%	Basic	No	72.12	3	62.35	6	0.68		
GONZALEZ, ANDRES	24	80.0%	Proficient	Yes	79.26	4	67.18	7	0.88		
HERNANDEZ, ERIC	17	56.7%	Below Basic	No	28.94	2	38.31	4	-0.52		
LOPEZ, KATHERINE	18	60.0%	Below Basic	No	34.96	2	41.86	4	-0.32		
MADRILL, ETHAN	25	83.3%	Proficient	Yes	85.91	4	72.67	7	1.08		

Analyze performance on benchmark tests which can inform decisions around curriculum alignment, school improvement, allocation of resources, professional development and teaching.

Assessment Administration Tools

Implement Assessment Programs, Measure Progress, and Propel Student Performance

Schoolnet IIS provides benchmarking and formative assessment tools, which let districts implement comprehensive assessment programs. Using these tools, educators can create, manage, deploy, monitor, and score a variety of classroom, school, and district-wide assessment initiatives. Powerful reporting and analysis capabilities allows teachers, principals, and administrators to immediately access student assessment.

The system provides maximum flexibility for creating and administering assessments, using any combination of off-the-shelf scan forms, plain paper, online testing, and/or supported personal response devices. Content management tools let you upload existing assessment content from a wide range of vendors to create new items and tests. Users can also upload student answers via a file import. The system enables you to align items to standards and manage your library over time to continually grow and refine your assessment resources.



The Classroom Assessment Monitor provides a clear view of recent assessment results at login, making it easy to identify students falling behind.

“Our most positive experience with Schoolnet is in using the assessment tools and the data available to make sound instructional decisions. With this tool it can be done all in one place for the teachers as they can create and deliver assessments, review the results and then access materials to improve teaching and learning all with one log in.”

**– Kayla Siler,
North Carolina Department of Public Instruction –
Digital Teaching and Learning**

Key Features and Benefits

Teachers and assessment staff can:

- Utilize items from the test item bank to create tests for the classroom, school, or district level, whether Pearson-provided, district-created, or licensed from a third party.
- Centrally manage all aspects of the assessment process, including test and item creation, test scheduling, printing, pre-slugging, scanning, scoring, and assessment data collection.
- Administer standards-aligned formative assessments online, using plain-paper, off-the-shelf scan forms, or via supported clicker vendors.
- Create a standards-based assessment in a matter of minutes, based on a user-defined assessment blueprint with the Express Test tool.
- Enhance test security through an online test browser and test creation tools that prevent students from accessing other websites during testing and automatically scrambles questions and answers to prevent cheating.
- Capture and score constructed response items submitted online or on paper through an online scoring workflow that can include district rubrics and exemplars to support consistent scoring.
- Access a variety of assessment dashboards and reports to inform instructional planning, to improve decision-making, and to identify struggling students for remediation and differentiated instruction.
- Analyze assessment results at the subject, standard, and item levels, disaggregated by school, teacher, section, and student subgroup.
- Change assessment items and test content vendors without making large-scale changes in assessment and reporting technology.
- Create assessment items and assessments using user-friendly single page workflows.
- Monitor online assessment completion status and scores while they are in progress (in real time) using the proctor dashboard.

Create: Express Test

Test Name*

Science 6 2015

Subject*

Life and Physical Sciences

Grade Level*

05

to

06

Test Category*

School Benchmark

Hide Item Content from Test Results

No

Score Type*

Total Score

Preferred Standards Document*

Common Core ELA

Answer Key Only

No

Enable Assessment Notes

No

Create: Manual Test

Test Name*

Science 6 2015

Subject*

Life and Physical Sciences

Grade Level*

05

to

06

Number of Items*

10

All Multiple Choice

Test Category*

School Benchmark

Hide Item Content from Test Results

No

Score Type*

Total Score

Preferred Standards Document*

Common Core ELA

Answer Key Only

No

Enable Assessment Notes

No

Instructional staff have the option of building a custom assessment or using an Express Test feature to create standards-based assessments on-the-fly by accessing the item bank.

Test Detail

Beils and Whistles Test: DND [19657]

Online Passcode: SUPERTEST

Test Stage

Private Draft

Public Draft

Ready To Schedule

Scheduled

In Progress

Completed

Test Actions

Copy TestExport TestScore TestView UsernamesTrack Accommodations

Preview Online Test

Test Rubrics (.pdf)Scoring Instructions (.pdf)Exemplars (.zip)

Printing is not available for tests that contain Technology-Enhanced Items

Status & Student Comments

Schedule Information

Instructions

Here are the instructions I added on the Test Detail page.

more

Test Content

Item

1 Open Response from Item Central

Please upload your homework from last night here.

Actions

Point Value4

Standard IDCCSS.Math.Content.6.G.A.1

Response Type

Uploaded File

The Test Detail screen allows educators to review test questions and answers, preview the test, schedule, and view real time data collection status. Other tools for printing tests, usernames, and answer sheets are also available.

Online Passcode: SC8CDB214

Section: Science 8 P-AP - ALCALA.02 :Prd 02

Enable Clickers: None

Student in italics took this test in another section. Hover for section name.

Not Started0

In Progress0

Completed24

Device ID	Student	ID	Test Progress (30 questions)	Results
	ALSHARIF, LEONARDO	887694847	<div><div></div></div>	90% (27/30)
	BALIDO, JAMES	887951508	<div><div></div></div>	90% (27/30)
	CLARK, BRENDAN	887881711	<div><div></div></div>	93% (28/30)
	CLARK, DANIEL	887739886	<div><div></div></div>	87% (26/30)
	FARIS, JULIAN	887558167	<div><div></div></div>	83% (25/30)
	FLORES, NATHANEAL	887972765	<div><div></div></div>	77% (23/30)
	GONZALEZ, ANDRES	887930212	<div><div></div></div>	80% (24/30)
	HERNANDEZ, ERIC	887681758	<div><div></div></div>	57% (17/30)
	LOPEZ, KATHERINE	887990157	<div><div></div></div>	60% (18/30)
	MADRIL, ETHAN	887775076	<div><div></div></div>	83% (25/30)

Through the online test browser, teachers have real time access to class progress through the Proctor Dashboard. See scores automatically, as well as which students may be struggling or off task.

7



Curriculum and Instruction

Align Curriculum, Instruction, and Data to Enhance Instructional Practice

The Schoolnet IIS provides a set of teacher tools that support planning and delivering instruction in the classroom. Upon login, instantly view links to student assessment data, class rosters, standards-aligned curriculum, and comprehensive student profiles—all from the teacher's desktop. Teachers can track class and student progress with formative and summative assessment data, and then easily group students to apply differentiated instruction based on particular areas of need.

The Schoolnet IIS makes it easy for district curriculum and instruction teams to create, manage, and deploy a rigorous and consistent standards-based curriculum directly to teachers' desktops. Districts can also capture district-wide best practices through shared banks of teacher-, school-, and district-approved lesson plans, instructional units, resources, and assessments. Teachers can use the central materials bank to access instructional resources to help supplement their classroom practice, and even use lesson plans to automatically generate fully-aligned assessments.

Search Results

Search Results

(420) Mathematics Multiple Grades Go to My Materials

Materials Type Keyword(s) Search

Reset Filters Previous Sort by Most Popular Results 61 - 70 of 420 Next

Material Types

- Curricular Units (40)
- Instructional Units (58)
- Lesson Plans (362)
- Assessments (0)
- Resources (122)

Intended Audience

- For Educators (420)
- For Students (0)

Publisher

Institution

Adding and Subtracting Decimals Unit Mathematics, 08

Objective: Students will learn how to add and subtract decimals.

Preview Save Schedule

Adding and Subtracting Fractions Mathematics, 08

Adding and subtracting fractions, mixed numbers

Preview Save Schedule

Curriculum and instruction staff can use Schoolnet to create and manage standards-aligned district-wide curriculum, pacing guides, and instructional resources, and deploy them directly to the teacher desktop. Teachers can easily search for or create their own standards-based lesson plans, units, resources, and assessments.

“With Schoolnet, we are able to make systemic and systematic decisions around program effectiveness, instructional effectiveness, curriculum implementation, and student learning.”

—Aaryn Schmuhl, Assistant Superintendent,
Henry County Schools, GA

Key Features and Benefits

Teachers and instructional staff can:

- Access district curriculum, teacher lesson plans, student profiles, class rosters, and planning calendars all within a single click.
- Access a lesson plan creation wizard, which lets teachers build and share lesson plans in line with the district template, align them with standards, and share them throughout the district.
- Differentiate instruction and develop learning plans based on student performance, using a variety of instructionally-focused reports like item analysis, standards mastery, and skills analysis.
- Collaborate, recommend, and share best practices, lessons and resources with a searchable resource bank.
- Easily deploy a standards-aligned, district-wide scope and sequence with centralized creation, management, and publishing tools.
- Link curriculum, instructional resources, and assessments with district and state standards to create a fully-aligned instructional program.
- Create classroom assessments that are automatically aligned to district lesson plans, using the Express Test feature.
- A 5-point rating system allows users to identify recommended materials and provide ratings on materials.

Teachers can create lesson plans with their own materials and easily save and schedule them to assist with their day to day instruction.

Section calendars with drag and drop functionality let teachers plan ahead and keep track of how many times they've taught a certain standard. Store lesson plans or instructional units in one convenient place.

Proven Schoolnet Implementation Overview

Pearson's Schoolnet 7 phase implementation methodology is designed to ensure your district reaches its goals. We work closely with you to assess your district's needs and academic goals and, using that data, we collaboratively develop a comprehensive plan that aligns to and supports your goals.

We understand every district has its own unique requirements and our experienced implementation team works with you to configure the right solution to support and enhance your student data & assessment management.

Implementation Methodology

Our proven 7 phase implementation process ensures fidelity & efficacy of implementation which results in a system uniquely configured to help you reach your goals:

1. **Prepare.** Following contract signing, the Schoolnet Project Manager and the District Project Manager confirm project scope, agree to a Statement of Work, make proper team assignments, and plan and prepare for the onsite kickoff meeting.
2. **Discover.** This phase begins with a kickoff meeting with the district. We work closely with your team members to perform a gap analysis and collect information about your technical environment, data systems, curriculum, standards, benchmark assessment process, item banks and professional development infrastructure. This process continues in the Design and Build phases.
3. **Design.** The length of the Design phase varies depending on the scope of the implementation and the availability of data. In this phase, we establish your specified system preferences and configurations as well as determine the data and reports that will help meet district goals.
4. **Build.** SIS and standardized assessment data is loaded into the Schoolnet solution. The focus is on staging and validation of SIS data, or other existing data warehouse or operational data stores. The Professional Development and Communications Plans are also finalized in this phase.
5. **Qualify.** Working with the district, we perform a Data Load and Configuration Test (DCT) to confirm that data and configurations meet district-approved validations and preferences from the Design phase. The result is a completely configured system ready for roll-out and training.
6. **Deploy.** Pearson moves the district instance of the system to a production environment and works with your project team to deliver training and communication across the district.
7. **Transform.** In this final phase, Pearson conducts knowledge transfer with the district, provides regular data loading services (SIS, test data, etc.), leads professional development workshops and helps guide adoption.

For more information about Schoolnet, please visit our website at www.schoolnet.com, or email us at schoolnet@pearson.com.



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