The Future Requires New Ways to Learn

Students need more than math, literacy, and web skills. They need to know how to ask good questions, collaborate, adapt, and innovate. A 21st century education prepares students for What’s Next.

PROGRAM OVERVIEW
Mathematics K-11
English Language Arts K-12

Prepares Students for WHAT’S NEXT in Learning

• Promotes Engagement with interactive content, multimedia, games, and digital tools.
• Encourages Collaboration where students share, discuss, debate, and present their ideas.
• Infuses 21st Century Skills for critical thinking, problem solving, creativity, and innovation.

“...I see the growth in my students’ academics as well as in their confidence. It was a very successful year!”

GRADE 6 SYSTEM OF COURSES TEACHER
How do we ensure the highest-quality education? With systems thinking. System of Courses connects critical aspects of teaching and learning to transform education, improve achievement, and prepare students to compete in the 21st century. This intentional systems approach integrates content, outcomes, professional development, technology, and skills across Grades K-12. No other educational system offers this kind of cohesive integrity.

Clarity of Purpose: Students “know and show” what they’re learning.

Modeling of Learning: Students see how learners think about problems and concepts.

Independent Work: Students are actively engaged and take responsibility for their learning.

Focused Teaching: Teachers guide lessons and projects to support needs and include learner voice and choice.

Academic Discourse: Students are encouraged to collaborate and develop knowledge.

Collaboration: Students share with their peers and express their own ways of thinking.

Assessment: Formative assessments and self-assessments help learners demonstrate standards mastery.

Closure: Students consolidate learning and prepare for the next lesson.
The current generation of learners have grown up with multimedia, interfaces, video, and text messaging. *System of Courses* connects to their digital lives. Interactivity, animations, gaming, and video streaming replace passive content and textbooks. But nothing replaces good teaching. *System of Courses* helps teachers engage millennial learners, and that’s the first step to deeper learning.

**Mathematics**

**Interactive Graphing Tools:** Visualize concepts and have learners demonstrate their understanding.

**Interactive Problems:** Watch, tap, swipe, and explore! Problem-based lessons include audio and video.

**Opening Videos:** Turn textbooks into interactive learning experiences. It’s how students learn best.

**English Language Arts**

**Text Annotation and Student Notebook:** Highlight, underline, and add notes—strategies for close reading of complex texts.

**Interactive Games:** Gaming challenges students and gets them eager to learn outside the classroom.

**Conventions and Mechanics Tools:** Practice writing well-crafted sentences with interactive grammar tools.
Teamwork skills are in demand by everybody, including employers. *System of Courses* intentionally develops students’ collaboration skills through project-based learning and digital tools. Students can easily share information, access projects, and collaborate on assignments, and teachers can provide feedback and tips. *System of Courses* creates a culture of collaboration.

**Mathematics**

**Student Notebook:** It’s the place to share ideas, ask questions, and document learning year after year.

**Collaborative Discussion and Tools:** Students can discuss mathematical problems, explain solutions, and challenge peers.

**English Language Arts**

**Collaboration Tools:** Write, talk, text, and share! Peer-to-peer collaboration lets students learn with and from each other.

**Small Group Work:** Students collaborate on assignments, share perspectives, and support their interpretations.
PROJECT-BASED LEARNING & THINKING

Prepare students for what’s next—jobs of the future. System of Courses combines standards-based content skills with 21st century skills. Lessons engage students in planning, exploring critical thinking, and communication. High-cognitive tasks help students work together: from time management and researching to synthesizing information and using digital tools.

**Gallery:** It’s learner driven. Students engage in real-world problems that engage, inspire, and intrigue.

**Concept Corner:** Problems are challenging and develop deeper conceptual knowledge. Differentiation prevents frustration.

**More to Explore:** Readings, games, and challenges further students’ interests while they work independently.

Dynamic Graphic Organizers: Flexible organizers expand as students record thoughts, ideas, and notes.
WHAT’S NEXT?
A “SMART” ROUTINE

A smart instructional routine helps teachers work more efficiently and effectively in class. System of Courses provides a common instructional routine for all teachers in your school or district. This is the structure every teacher needs, whether new or experienced. The routine helps teachers manage class time and focus on high-cognitive math tasks and habits of mind.

The routine moves to the background. It gives teachers structure and procedures, so you can focus on the different mathematics tasks in each lesson.

Focus on What Counts

“...it gets students talking more. They talk about math a lot more than just doing it on their own using math terminology and vocabulary.”
GRADE 6 SYSTEM OF COURSES TEACHER

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GOOD HABITS BECOME ROUTINE

Looking for patterns, rewording the problem, and drawing a picture are ways of solving a problem. Over time, with enough practice, they become mathematical habits of mind. System of Courses helps students internalize these habits by focusing on Ways of Thinking and how to Apply the Learning. Student Summaries and Reflection make the habits explicit and purposeful.

3. WAYS OF THINKING
Engage students in mathematical practices and reasoning during problem solving.

4. APPLY THE LEARNING
Connect the math concepts learned during Work Time to new problems.

5. SUMMARY
Make the math concepts explicit by having students explain their solutions and thinking.

6. REFLECTION
Promote the habit of reflection through independent work and formative assessment.

FOCUS ON VISUAL LEARNING IN GRADES K-1
The units and lessons are designed to be visually attractive and age-appropriate for young learners. The simple and intuitive visual display helps these younger students begin to organize their learning.
Deeper Reading, Better Writing, More Communicating

1. OPENING
Set the focus for the lesson with a read aloud, video, vocabulary review, and so on. Engage students in the upcoming task.

2. WORK TIME
Build reading independence while scaffolding support. Students spend time practicing, applying, and collaborating.

3. CLOSING/REFLECTION
Engage students in a discussion, raise questions, have them write, and share the big idea.

4. HOMEWORK
Extend practice, applications, writing, and thinking beyond the classroom.

AN ELA ROUTINE THAT’S EMPOWERING

How do you begin a lesson? Is there a way to encourage collaboration? What about group work and homework? System of Courses offers a well-organized game plan for the English language arts classroom, too. The ELA Routine helps you organize lessons, tasks, and activities, while fostering a culture of collaboration and respect. Spend less time on classroom management and more time on teaching.

The ELA routine and subroutines help create a collaborative workshop in your classroom. The focus is on student learning, standard-based content, communication, and working together.

LITERATURE EVERYONE LOVES!

Common Reads for the Whole Class Include:

- Chicka Chicka Boom Boom by Bill Martin Jr. and John Archambault
- Chrysanthemum by Kevin Henkes
- The Tale of Despereaux by Kate DiCamillo
- Freak the Mighty by Rodman Philbrick
- Alice’s Adventures in Wonderland by Lewis Carroll
- Anne Frank: The Diary of a Young Girl by Anne Frank
- “The Raven” by Edgar Allan Poe
- Romeo and Juliet by William Shakespeare
- A Tale of Two Cities by Charles Dickens
What’s Next? Meet the Grades K-1 app for System of Courses. It’s a comprehensive reading program and state-of-the-art digital program in one. Focus on foundational skills such as the alphabet, phonological awareness, phonics, high-frequency words, and fluency. Teach in a way that’s positively exhilarating—with interactivity, video, sound, songs, and game-like interfaces.

Grades K-1 App
Focus on foundational ELA skills!

Age-Appropriate User Interface: Visual and friendly, the Grades K-1 environment is learner-centered but teacher-mediated.

Interactive Tasks: Learning is hands-on! Elements are child-sized for easy touch, drag and drop, drawing, playing, and writing.

Notebook: Write or type in it! Take snapshots, record stories, create art. The Notebook is an interactive workspace for students.

Reading Foundations Block: Get your class moving, singing, and reading along. Share activities and interactive flashcards! The 30-minute Reading Foundations Block builds core competencies.

- Print concepts
- Alphabet knowledge
- Phonemic awareness
- Phonics
- Oral language skills
- Word reading
- Spelling
- Fluency
- Vocabulary
A learner-driven classroom encourages students to own the learning through self-exploration and collaboration. System of Courses supports teachers as facilitators of learning. Instructional routines, tips, and strategies help teachers create a culture of learning and creativity.

**A Single, Easy-to-Use System:** The cohesive, digital design connects everything, fostering a true learning community.

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**Teachers Leading Teachers**

Watch model lessons and teacher tutorials on demand. Visit the Teacher Community Portal at pearsonsystemofcourses.com to ask questions and share ideas.

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**Flexibility to Make it Your Own:**

“What would you like to do?” System of Courses gives teachers ultimate flexibility to improve their skills, prepare lessons, and get help. The easy interface makes the app responsive to whatever you need. Add your own ideas to the lesson in “My Task Notes.”

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“...for me, so all I had to do is think of ways to make the lesson engaging for the students; I didn’t have to worry about finding resources and coming up with objectives. Definitely less stress.”

GRADE 9 SYSTEM OF COURSES TEACHER

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**In-Line Teacher Supports:** Strategies and notes help you encourage students to explore, collaborate, and take responsibility for learning.
Differentiation is at the core of all good teaching. System of Courses promotes differentiation with formative assessments, standard-based resources, and options for different skill levels. Everything is seamlessly integrated into the instructional routine, including Reflection (formative assessments), teamwork and independent work, and purposeful grouping.

Go-To Differentiation Strategies: The app gives teachers the ability to adapt lessons for different types of learners.
- English Language Learners (ELL)
- Social and Emotional Learners (SEL)
- Students with Disabilities (SWD)

Mathematics

Concept Corner: Extend learning and reinforce the same lesson concepts and skills with options for students’ different learning modalities.
- Videos
- Tutorials and Models
- Manipulatives
- Worked-Out Sample Solutions
- Glossary

English Language Arts

More to Explore: Games, Challenges, Topic Readings, Extension Projects, and more! Here’s where you can differentiate based on students’ skills, interests, and choices.
ASSESSING TO IMPROVE LEARNING

aims to reduce “test anxiety” and leverage technology for a more balanced approach to assessment. Formative assessments offer continual real-time feedback to reduce major learning obstacles. Rather than a do-or-die testing experience, digital notebooks, peer work, teacher conferences, rubrics, and self-assessments create a supportive environment.

Assessment as an Integral Part of Learning

- Assessment AS Learning
  Self and peer assessments to further one’s own learning

- Assessment FOR Learning
  Formative and diagnostic assessments to adjust learning

- Assessment OF Learning
  Summative assessments to document learning mastery

Reports and Analytics to Manage it All

System of Courses provides real-time analytics and auto-generated reports. It saves teachers hours of time manually grading assessments and doing administrative tasks.

Scoring Overview: Easily monitor class and individual student progress and adjust teaching on the fly.

“I like that students give presentations, discuss, disagree, and help each other.”
GRADE 6 SYSTEM OF COURSES TEACHER

Student Assessment Reports: Auto-graded assignments provide quick feedback to help students on the spot.

Standards Reports: Auto-generated reports show standards mastery over time, and keep teaching on track.

Item Analysis Report: Drill down into detailed analysis, so you can precisely focus teaching.
A comprehensive mix of formative, summative, and performance-based assessments provides a richer, fuller picture of student understanding. System of Courses includes computer-based testing plus many opportunities for peer feedback, reflection, self-assessment, and real-world performance tasks. Throughout the learning process, students get actionable, immediate feedback. It’s the best way to learn.

A MULTIFACETED ASSESSMENT PLAN

English Language Arts

Cold Reads: Students read texts they’ve never seen before and answer questions, to inform teacher planning.

Cold Writes: A cold task measures students’ mastery of writing text types—Narrative, Opinion/Argument, and Informational.

Unit Accomplishments: Writing tasks at the beginning of a unit help identify student needs for lesson planning.

Project Units: A performance-based, end-of-year project pulls together content knowledge, thinking skills, and work habits.

Mathematics


Lesson Quizzes: Formative assessments identify learning gaps, so teachers can quickly modify and differentiate instruction.

Project Unit: Real-world, authentic projects allow students to demonstrate thinking and reasoning through written explanations, models, video, and presentations.

End-of-Unit Assessments: Summative assessments include short-form and open-ended response questions, allowing students to explain their thinking.
MOVING BEYOND STANDARD PROFESSIONAL DEVELOPMENT

How do you use technology as part of the teaching and learning process? System of Courses provides in-depth on site and on-demand professional development. Pearson specialists will help you establish a new teaching and learning culture based on technology integration, collaboration, and 21st century content and skills. In-class coaching, online and face-to-face training, technical support, and embedded strategies make training useful and lasting.

Creating the 1:1 Classroom: Teacher Support Is Critical

- **Launch Training:** Pre- and in-service training helps you set up a comprehensive implementation plan. Focus on core teaching competencies related to content, instruction, assessment, classroom management, and technology integration.

- **Coaching:** On-site coaching includes modeling and co-taught lessons. Job-embedded study groups help customize the coaching for your school. Differentiate professional development to support specific teacher needs.

- **Focus Walks:** Pearson specialists and teacher leaders follow up with classroom walkthroughs and observations. The goal is to drive continuous improvement and teamwork. Learn to identify the focus of the observations, reflect, and improve practices.

- **Technical Services:** A Pearson technology team will conduct a site review and assist you with set up, equipment, and network design. Ongoing and on-call help supports your technical needs throughout the implementation of System of Courses.

“I used to just put notes on the board and now we are doing posters and relying back on it. We now have a word wall and sentence starters. It has made me do more questions, giving them more wait time, answering their questions with more questions.”

GRADE 9 SYSTEM OF COURSES TEACHER
10 QUICK TAKEAWAYS

1. Digital-first system uses mobile devices to support learning, classroom management, assessment, and teacher effectiveness.

2. Single, aligned Math K-11 and ELA K-12 program transforms education from kindergarten through high school.

3. Standard-based content emphasizes higher-order thinking skills, with flexible scaffolding and customization options.

4. Student-centered, teacher-led pedagogy makes the work of teachers more effective and engaging.

5. Project-based learning promotes critical thinking and problem solving through active exploration and real-world tasks.

6. Communication and collaboration activities support 21st century education.

7. Instructional routines promote consistency and effectiveness across classrooms and grade levels.

8. Multifaceted assessments include formative assessments throughout instruction and performance-based assessments.

9. Real-time analytics and reports save teachers time, pinpoint student needs, and track learning outcomes.

10. Ongoing professional development enhances teacher capacity and integrates technology into the learning process.

WHAT’S NEXT

Contact your Pearson Account General Manager for details, consultation and assistance.

OR

Go to pearsonschool.com/systemofcourses and sign up for a 120 day sample to experience it yourself.
WHAT’S NEXT

A Digital-first System for 21st Century Teaching and Learning

PearsonSchool.com/SystemofCourses