Solve the problems of teaching math and science in Pre K–2.
Young learners come to you with built-in curiosity.

The Pearson early math and science solution helps you seize their imaginations and never let go.

The reports are disturbing. Again and again, the United States ranks near the bottom of developed countries in studies of mathematics and science skills among older students. The irony is that, from the earliest age, children have natural curiosity that is perfectly captured in the concepts of science and math. Now, Pearson helps you transform those early moments of inquiry into the foundations of math and science competency that can benefit children throughout their lives.

A computer is the logical environment for math and science.
The Pearson approach supplements classroom lessons with the early math and science instruction in Waterford Early Learning™. The non-profit Waterford Institute invested years in developing this adaptive instructional program. Interaction makes both subjects real and accessible, and the research indicates that children learn math and science concepts more easily when they are taught in combination.

This digital generation expects you to keep up.
High energy, intense curiosity, and lively imaginations make for excitement and challenge in early learning classrooms. Multimedia learning fits perfectly into that mix. Kids in Pre K–2 already speak this language. It engages and focuses them. A controlled amount of time spent interacting with the computer balances other classroom techniques and suits the media-savvy style of today’s learners.

There’s nothing fuzzy about these concepts.
Waterford instruction is explicit. The concepts are presented clearly in a real-world context. Lessons begin with the “what” of math and science concepts in order to help students grasp the “why.” This process not only helps the learning stick. It also leads to development of higher order thinking.

Students learn the beauty of trial and error.
Mathematicians and scientists are patient people. They theorize, try things, and go back to the beginning when the results aren’t right. Your students get to do the same when they work with Pearson courseware. Because it’s adaptive, each learner moves at an individual pace with multiple opportunities to grasp concepts. Your kids are empowered to succeed, and there’s no more potent motivator than that.

See what your math and science students will see.

Call 888.977.7900 for a Pearson demo.
“I overheard my first-graders talking about the food chain. They understand the basic concept of the food chain. Amazing.”
This is teaching like you always hoped it would be.
Pearson courseware does the heavy lifting to help you teach each child as an individual.

Whether you have specialized expertise in math and science education or count these subjects among your endless classroom responsibilities, you’ll appreciate a partnership with Pearson. Our courseware automates many assessment, planning, and reporting functions. It’s easier to make progress in both subjects. That’s a huge benefit to each child and to your school as it responds to the mandated assessment of math and science in grade 3.

We’ll set a perfect pace.
As you well know, even the earliest learners bring different experiences and aptitude to the classroom. From the first moment, Pearson helps you celebrate and teach to that individuality. The technology enables students to set their own pace and rewards them with frequent encouragement that creates and reinforces a pattern of success.

You have an assistant for every child.
Pearson courseware is adaptive, the near equivalent to having a teaching colleague keeping an eye on each student. Explicit lessons move forward at a pace the child sets. At any time, you can see a report on the status of each individual student and the class as a whole. The courseware even intervenes automatically. This information enables teachers to easily identify when it is time to intervene with one-on-one instruction.

You’ll expand your repertoire of techniques.
Every teacher has favorite tools—the hatching cocoon, the counting game, the jar full of marbles, and on and on. The multimedia environment that Pearson provides expands your “bag of tricks” with research-based and classroom-proven tools. From songs and stories to safe virtual experiments, you’ll inject even more fun and creativity into the classroom.

You can watch success happen.
It’s never been so easy to measure students’ conceptual understanding of science and mathematics. With help from Pearson, you’ll get a clearer picture than ever of just how each student is doing. Reports offer details like time spent on lessons, lessons completed, and comparisons to class averages. You gain a rich understanding of performance that can inform your classroom decisions.

Explore computer-based learning in early math and science.
Call 888.977.7900 for a Pearson demo.
“I can’t count the times I’ve been able to catch and fix a problem that I might have missed amid the hubbub otherwise known as my classroom!”
Experimenting is a luxury you don’t have much time to afford. Pearson can help you with accountability, staffing, and technology issues all at once.

Mandated math and science testing now begins in grade 3. To meet that challenge, you need to make the most of every opportunity to reach Pre K–2 students with the best targeted instruction. Add to that the heavy demands you already have to place on your educators and technology infrastructure, and you have the perfect rationale for partnering with Pearson.

Get the accurate data you need.
Waterford provides you with on-demand reports to assist you in meeting accountability requirements. The up-to-the-minute output allows you to analyze and report on measurable results at both class and student levels.

Help your staff meet the demands.
Their days are full. Their workloads are already intense. Implementing the technology solution from Pearson is a sensitive strategy to help your educators achieve more. The intuitive interface makes it easy to incorporate technology.

Leverage your current technology.
To get maximum use from your existing equipment, Waterford is compatible with both PC and Mac® computers. It works equally well in systems with a mixture of both platforms. Programs can be installed directly onto an individual client machine or onto multiple client machines through a server delivery.

Meet your commitment to 21st Century Skills.
Testing isn’t the only measure of success. Pearson’s instructional technology emphasizes creative thinking and digital literacy. As your students gain math and science proficiency, you’ll also help them build the thinking skills that will serve them throughout their educational lives into the working world of the future.

The research supports technology-based math and science instruction.

Call 888.977.7900 for a full report.
“Tests are reality. We can’t ignore them, but we try not to teach to them. Pearson supports us in that approach.”
Promote Success with Pearson.

As the leader in instructional technology, Pearson shares your passion for helping students, teachers, and your entire system reach their greatest potential.

Our research-based curriculum solutions excel at engaging students and lifting their results to higher levels. Our commitment to service extends beyond implementation to provide you and your staff with outstanding product support and ongoing opportunities for professional development.

Early Math & Science Solution

Waterford Early Learning

Pre K–2
Your youngest students receive explicit, individualized instruction in mathematics, science, and English.