

Take the Mystery Out of Science Instruction

Standards-based assessments paired with engaging activities hand-crafted to standards are the winning combination for high-impact science instruction. Penda Science automates instructional tasks and provides insights to educators so they can focus their time on guiding students toward science success.

Follow this roadmap for using Penda Science all year long to boost science scores.

High-Quality Science Instruction & Assessments in Action Empower educators. Drive learning.



Students at or Above Grade Level



What do students already know? What may need to be retaught?
Use Penda's **Course Assessment** to measure mastery of standards.

Universal Screening (Fall)

How do I motivate students who are at or above grade level to progress further?
Use Penda's standards-aligned **Achieving Activities**.

Small Group Instruction

Students at Below Grade Level



How do I support students who are below grade level?
For Level 1 or Level 2 readers, use Penda's **Emerging Activities**. For ELL and SWD students, Penda's Immersive Reader provides read-aloud and translation of text in over 60 languages.

How do I know if students are ready to move ahead with the planned lesson?
Use Penda's **Mini Assessments** to determine students' level of readiness for instruction.

Check for Knowledge

Whole Class Instruction

How do I align instruction to standards?
Use Penda's **Automated Assignments** to help students deepen their knowledge and build mastery at their own pace. Penda auto-assigns standards-aligned activities according to your district's scope and sequence.

How can I keep students engaged in learning science?
Use **Penda Activities** to motivate students to keep learning with gamification elements such as customizable avatars and a collaborative mission called **Space CRAFT**.

Skill Building

Check for Understanding

How do I keep students on track to master all the content they'll encounter on high-stakes and EOC tests?
Use Penda's **NGSS Content Set Assessment** to measure mastery of the performance expectation.

Universal Screening (Winter)

How are students progressing?
Use Penda's **Course Assessment** to measure mastery of standards, compare growth from the fall, and identify which standards students still need to master.

Differentiate Instruction

How can I provide students with individualized instruction?
Use **Penda to scaffold instruction** by standard for each student. Customizable reports help teachers track progress toward goals and adjust intervention.

Are students prepared for end-of-year high-stakes and EOC tests?
Use Penda's **High Stakes Assessment Prep**, that covers content across the entire grade band, to measure mastery of the standards and target instruction to fill gaps ahead of testing.

Preparation for End-of-Year Tests

Where are students at with their learning as the school year ends?
Use Penda's **Course Assessment** to document students' science performance and identify students who may benefit from additional instruction in the summer or next school year.

Universal Screening (Spring)

