PENDA
A Learning 2020 company

ACCELERATE SCIENCE ACHIEVEMENT FOR ALL STUDENTS

Penda Science's game-based, standards-aligned online intervention plateform helps students in grades 3 through 10 develop mastery and excel in science.

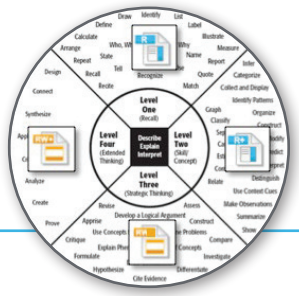
Whether they're science whizzes or struggling to master concepts, Penda simplifies data-driven instruction and RTI/MTSS so all students can build their skills and confidence. Using an engaging, game-based interface that fully absorbs students in learning, Penda online activities supplement science instruction and support differentiated instruction. While activities are aligned to ALL of the Florida NGSSS science standards for grades 3 - 8 and high school biology, Penda's unique Pacing Assistance Service custom aligns activities with your curriculum, scope, and sequence to further streamline lesson planning.

NEUROSCIENCE AND COGNITION

Students learn best when they are engaged and in a state of "flow," where challenge and skill are in equilibrium, and having to make choices on the fly greatly enhances learning and retention. Students choose; students learn. Penda's online game-based activities are designed based on empirical evidence to captivate and encourage students to learn, in class or at home.

PEDAGOGY

Penda Science puts cuttingedge pedagogy front and center, employing Webb's Depth of Knowledge Levels to expand the learner's skill set with rigorous activities that have been shown to literally forge new neuronal pathways in the brain.



GAMIFICATION

More and more research continues to validate that gamification is a powerful learning tool. Because games engage both the emotional and intellectual functions of the brain, the student's understanding — and desire — is more deep and robust. Penda activities combine the fun of a video game with cutting-edge educational enhancement. The result is a sum that is greater than its individual parts.

888.919.0404 | www.pendalearning.com

LEARNING 20/20
High Quality Content for Exceptional Learning

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THE PENDA EXPERIENCE

Penda Science improves the experience of students, their teachers and administrators.

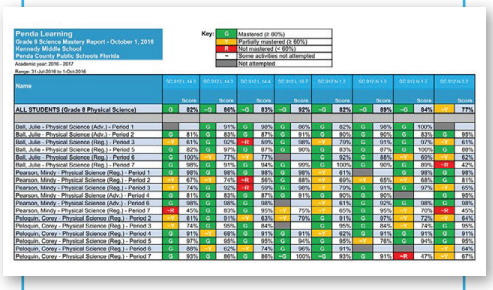
Penda inspires and accelerates learning for students, simplifies data-driven instruction for educators, and helps to proactively employ RTI/MTSS for all ability levels.

STUDENTS LOVE PENDA BECAUSE ...

- They can choose their own avatar to represent their online identity, and earn points to customize their avatar, which engages them emotionally and cognitively.
- They learn complex material through fun, well-designed activities that provide instant feedback screen-by-screen.
- They can choose friends from their school or class to challenge in their Penda World, fostering healthy academic competition and camaraderie in and out of the classroom since Penda is 24/7 from any connected device.

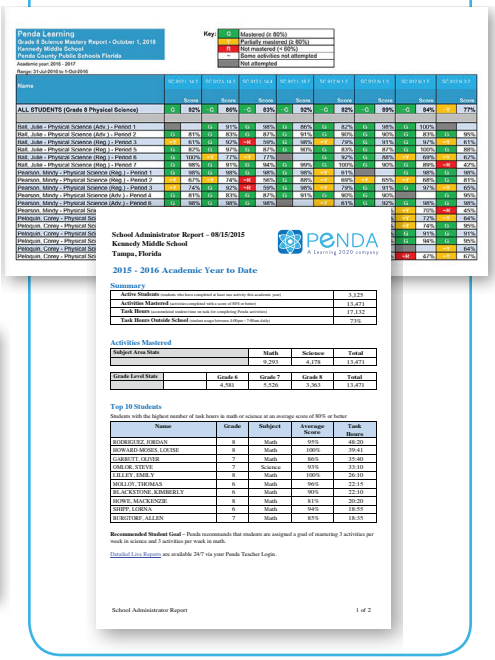
TEACHERS LOVE PENDA BECAUSE ...

- Penda's Pacing Assistance Service assigns students automated weekly activities that are custom aligned with your curriculum, scope, and sequence, with no added work needed by staff.
- Auto-graded activities provide a rapidfeedback cycle to students.
- Automated weekly email reports helpteachers see class mastery at aglance and proactively identify which students may need interventions.
- Data-driven instruction, response to intervention, and differentiated instruction are made easier through user-friendly reports that help teachers make evidence-based decisions. Thoughtful features help customize content for targeted interventions.



ADMINISTRATORS LOVE PENDA BECAUSE ...

- Its user-friendliness means implementation requires little teacher training.
- Automated monthly reports show key data at a glance for easy progress monitoring for each teacher's class periods and standards.
- Penda is available online and can be used on any device, at school or at home.



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PENDA IN PRACTICE

Penda Science turns fun and games into sustainable achievement.

Penda's ease of use makes it simple for teachers to quickly master it and use it to enhance learning.

MEANINGFUL, THOUGHTFUL PROFESSIONAL DEVELOPMENT

Penda Learning's professional learning experiences are built with Learning Forward's Standards for Professional Learning in mind. We've mindfully crafted learning experiences with just the right blend of theory, research, and models of human learning to achieve the educator outcomes our experiences are built for.

USING PENDA

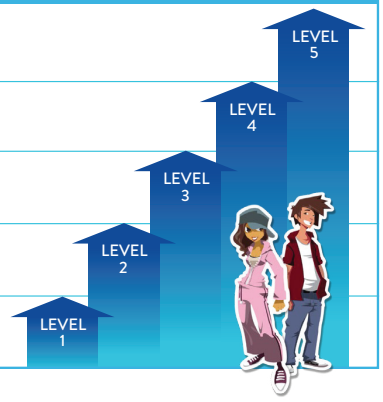
Level 5 Penda Power User

Level 4 Differentiated Instruction

Level 3 Response to Intervention

Level 2 Data-driven Instruction

Level 1 Blended L earning



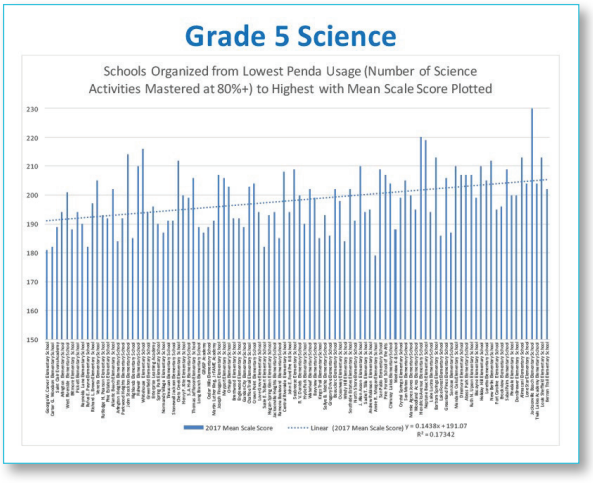
PROVEN TO INCREASE STUDENTS' SCIENCE KNOWLEDGE

Districts across the country are using Penda to support RTI/MTSS intervention and raise science achievement on high stakes assessments. Here are the results just a few of our partner districts have experienced using Penda.

Duval County Public Schools (FL) uses Penda Learning district-wide in 146 schools for science RtI/MTSS

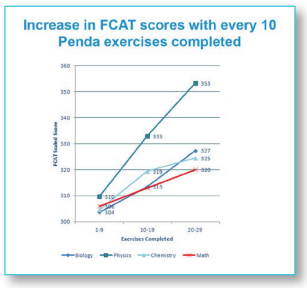
76 schools increase mean scale score;
82 increase percent of level 3 and above

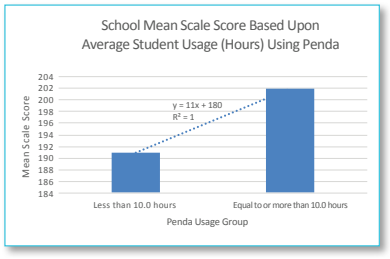
DUVAL COUNTY PUBLIC SCHOOLS



8,000 Orange County Public Schools (FL) see dramatic improvements in FCAT test performance

OCPS



Hillsborough County Public Schools (FL) Raises Mean Scale Science Scores 11 points

Hillsborough County PUBLIC SCHOOLS Excellence in Education