



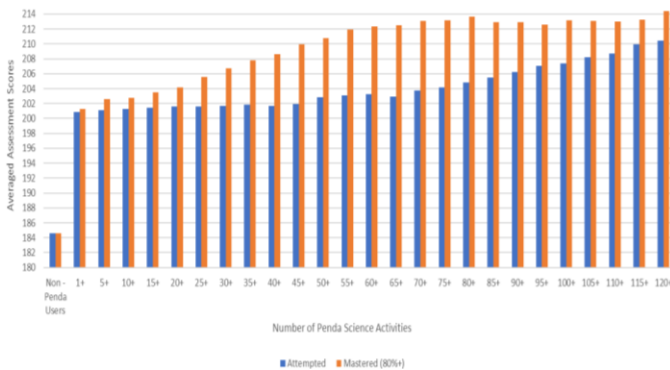
2017 - 2018 PENDA IMPACT EVALUATION NEPTUNE MIDDLE SCHOOL

Osceola County Public Schools, Kissimmee, FL.



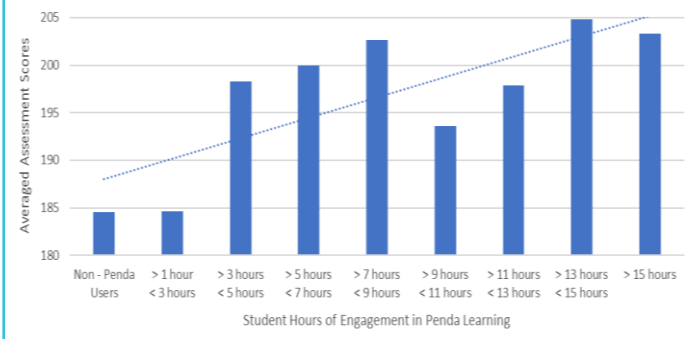
ACTIVITIES ATTEMPTED & MASTERED

Penda Science Activities Attempted/Mastered and Grade 8 SSA Performance Outcomes



HOURS OF ENGAGEMENT

Hours of Engagement in Penda Learning and Grade 8 SSA Performance Outcomes

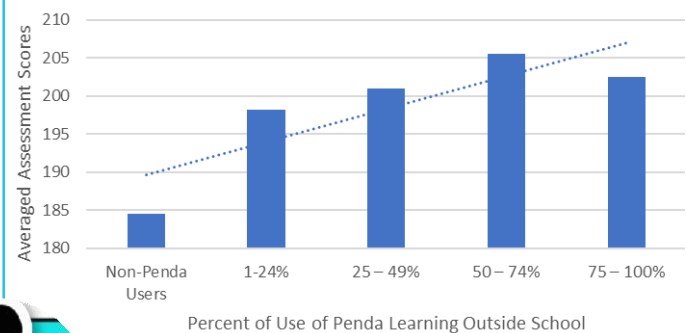


STUDENT PERFORMANCE STATS

	n	Average SSA Score
All Students	500	198.97
Non-Penda Student Users	43	184.58
Penda Student Users	457	200.33

PERCENT OF USE OUTSIDE SCHOOL

Percent of Use of Penda Learning Outside School (4pm - 7am) and Grade 8 SSA Performance Outcomes



STUDENT ACHIEVEMENT IMPACT

- Analysis of 457 grade 8 science students over the nine-month study period indicated a positive relationship between Penda usage metrics and student performance outcomes for students who took the 2018 Florida Grade 8 Statewide Science Assessment (SSA).
- Students who used Penda Learning during the study period scored on average 15 points higher than students who did not.
- Those students who used Penda Learning for more than 13 hours scored on average 20 points higher than non-users.
- Students who attempted and mastered (80% or better) a minimum of 50 activities scored on average 26 points higher than students who did not use Penda Learning.



WHAT TEACHERS ARE SAYING

"Penda is an awesome partner with our district and I am glad they are a part of our school science team!" - *Science Coach*

"I really appreciate that Penda assigns activities that are relevant to what I am teaching each week. In January, we then focus on 6-8 standards to get students ready for SSA testing. The weekly email reports are really really useful for data-driven instruction and intervention. A big time-saver!" - *Grade 8 Science Teacher*

"My students really like Penda. Many of them have well over 15 hours of independent practice time. They do Penda at school and at home. I do monthly class & student challenges via leaderboards. It's a great tool to practice, review, and reinforce the science concepts I've taught." - *Grade 8 Science Teacher*