

5 MILLION STUDENTS 8 YEARS OF INDEPENDENT RESEARCH SHOWS ONLINE STEM RESOURCE RAISES TEST SCORES

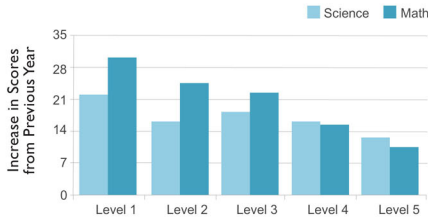
An online supplemental resource for science and math that not only gets students authentically engaged in research based pedagogy but has also consistently been shown to drive results. With over 8 years of Independent Research across the world, students and teachers can feel confident that using Penda will raise test scores.

INTERNATIONAL BASED RESEARCH SHOWS ONLINE RESOURCE MAKES AN IMPACT!

Since 2003, an independent, non profit organization, the **Fischer Family Trust** (www.fischertrust.org) has conducted research studies into the success of Penda in the United Kingdom.

The scores of over **5 million students** who used Penda (known as SAM learning in the U.K.) were compared against the results of U.K. students who had not used Penda but who took the same government mandated tests. The results of the longitudinal study showed that there was a positive and direct relationship between scoring well on standardized state assessments and the use of Penda.

SCHOOL PERFORMANCE IN UK HIGH SCHOOL END OF
COURSE EXAM/GRADUATION REQUIREMENTS



Low achieving students experienced the greatest gains on standardized assessments after utilizing Penda.

* Impact of e-learning on GCSE, KS3, KS2 students, 2009-2010

In the latest research study* the following conclusions were determined:

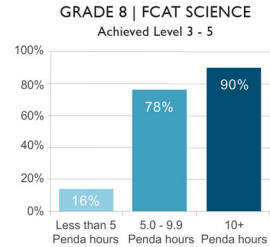
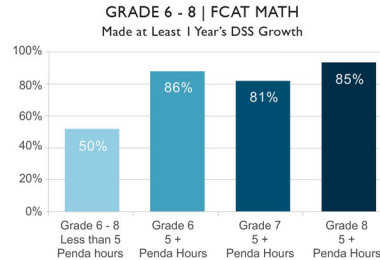
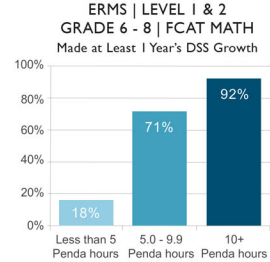
- Overall gains made by **economically disadvantaged** students were **significantly higher** than students in other sub groups.
- There is a positive relationship between the use of Penda and student achievement. Students **improved their state test scores by 10%** or more when using Penda.
- Students who were **low achievers** on State Tests and EOC exams **demonstrated the highest academic gains** in comparison to their peers, when practicing concepts on Penda for 10 hours or more.

SCHOOL BASED RESEARCH SHOWS THAT Rtl STUDENTS MAKE AT LEAST 1 YEAR'S GROWTH USING PENDA

East Ridge Middle School, Lake County, FL, utilized Penda for remediation for Tier 2 and Tier 3 Rtl students. When analyzing the FCAT results of their 6, 7 and 8th Grade students, East Ridge Middle School found that 77% of the Rtl students made at least 1 year's growth with as little as 5 hours use of Penda in total.

Key findings include:

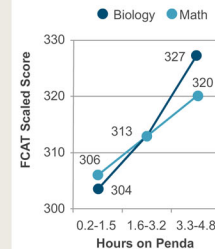
- 77%** of the Rtl students who did as little as 5 hours on Penda made at least 1 year's growth in math.
- 81%** of ALL Grades 6-8 students who did as little as 5 hours on Penda made at least 1 year's growth in math.
- ERMS reduced the percentage of level 1 and 2 students by **38%** in one year.
- 100%** of all Grade 8 students who used Penda passed their Algebra EOC.



U.S. BASED STUDY RE-ENFORCES FINDINGS!

Independent efficacy study by Professor Dale Mann, Columbia University, examined records from 8,000 Penda users from Florida's OCPs.

The study revealed that there are statistically **significant relationships** between a student's use of Penda and their **FCAT test performance** in both Science and Math.



To find out how
PENDA CAN HELP
RAISE TEST SCORES
AT YOUR SCHOOL
contact Penda on:

email: help@pendalearning.com
tel: 1-800-481-8101
www.pendalearning.com



See U.S. efficacy studies