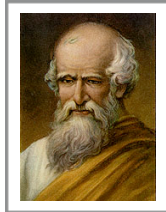


The Secret to STEM Success is Reading Proficiency

The Kennewick community in the state of Washington achieved a remarkable milestone. In a school district where over 50% of students qualify for the school lunch program they moved their 3rd grade reading proficiency level from 57% to over 90%. In a decade of independent research with proven results Kennewick discovered a secret. **When reading proficiency increased, STEM success followed.**

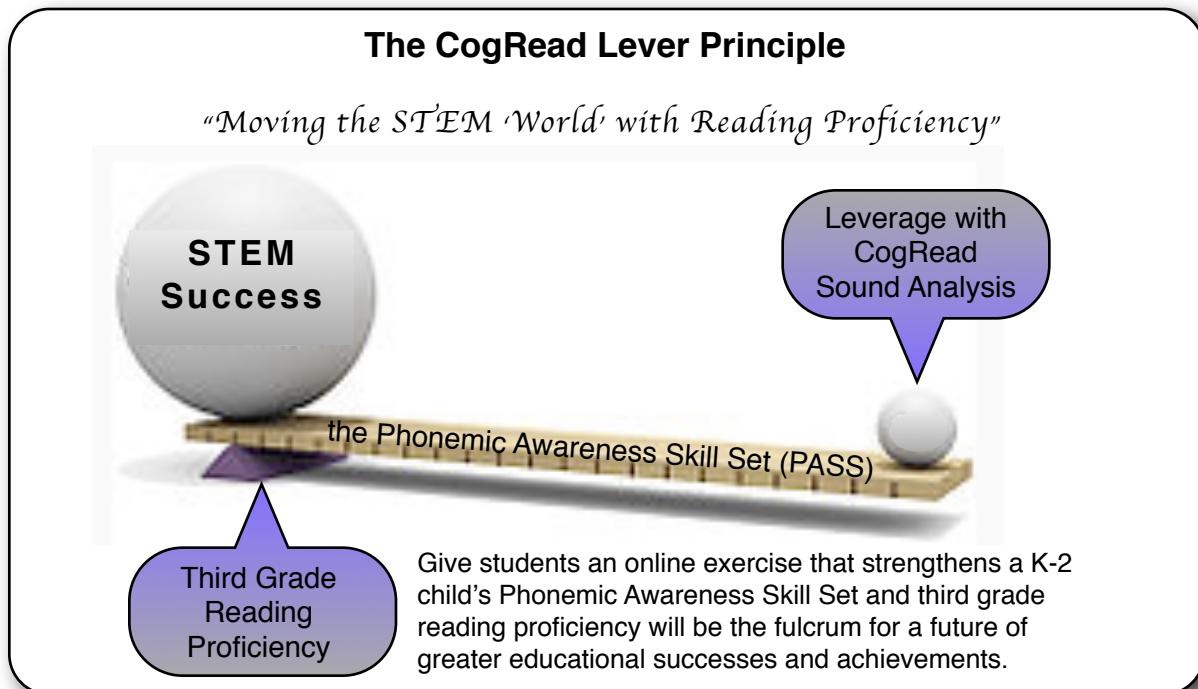
“We found that reading scores at third grade predict math scores at sixth grade almost as well as math scores at third grade predict math scores at sixth grade. We also found that our math scores increased as our reading scores increased, without significant increase in math instructional time.”

Annual Growth, Catch-Up Growth, The New Foundation Press, 2007, Page 181



Archimedes of Syracuse ranks as one of the greatest minds in recorded history (c. 287 BC – c. 212 BC). He was a Greek mathematician, physicist, engineer, inventor, and astronomer. *“Give me a lever long enough and a fulcrum on which to place it, and I shall move the world.”* was his boast when he discovered the laws of levers and pulleys.

Kennewick, like Archimedes, can boast. Previous forces and factors that tried to move STEM forward for under-resourced, minority girls and boys had failed. Increasing reading proficiency was the leveraged solution that worked.



The strength of our STEM workforce sustains our nation’s ability to produce and prosper. Together we can move our science, technology, engineering and math world forward for every child.

More of the same has not solved the crisis. According to the Anne E. Casey Foundation’s Kids Count research 68% of America’s youth are not proficient readers by the fourth grade. That number among urban under-resourced and minority students is 82%. Four out of five children do not have the underlying skills to meet standards much less excel and succeed in the core technological and science fields. With a little help at the right time some of those children can become our brightest minds making our greatest contributions.

Discover Kennewick’s secret. You can implement a solution to improve STEM scores in your community and nationwide! Join the Campaign at <http://CogRead.org>