

Making science *REAL*. Is it *really* that simple?

Real science is messy. There's not always an obvious answer, and mistakes are a significant part of the process. Scientists and engineers are motivated by a desire to answer questions and solve problems, even if it takes many tries. The only way science and engineering can truly happen is if analysis, evaluation, and creativity are part of every step of the process.

KnowAtom is a solution for schools that allows real science and engineering to take place in the classroom. We believe that STEM offers students the chance to develop higher order thinking skills that will serve them for the rest of their lives. By asking questions and solving problems, students are becoming scientists and engineers in the classroom. And when the learning involves hands-on experiments and prototypes that are messy and creative, students are transformed because they are gaining skills that give them a new way of looking at the world.

KnowAtom enabled more than one million hours of hands-on STEM learning in elementary and middle school classrooms last year. As a result, most students also increased their STEM proficiency, as measured by their state's standardized test scores when compared to their peers from the year prior. KnowAtom focuses on what matters—bringing students and teachers together to do real science and engineering every day in the classroom—and transforms STEM education in the process.

