



## Science & Technology Unite: Experiments Are Possible Through Computers

From writing a paper or e-mailing a friend to simply playing a game, technology is no longer a privilege — it's an essential element of daily life. Despite the notion that technology spans the gamut of daily activities, many people don't know that technology also plays an important role in the world of science.

Through COMPUTER EXPLORERS classes, students use technology to look at science concepts on a broader scale. They learn the functions of each experiment, why science is important, and most importantly, how it affects them. Using technology to demonstrate science-related concepts allows students to make mistakes and try different things, all while learning about everything from nature to mechanics.

"In real life, there's no other way for a child to experience a scientific concept," says Laura Graham Leonard, a franchisee in New Jersey. "They need to get their hands dirty and make mistakes to figure out the best solution to problems." Through hands-on learning and interesting topics, COMPUTER EXPLORERS technology classes connect scientific concepts to real life experiences and demonstrate the greater importance to the rest of the world. One class, Too Simple Science Simulation, walks each student through the life cycle of plants in nature. To help illustrate the difficult concepts, students use technology programs to recreate the process through a slideshow, reinforcing the lessons learned in class and nature's influence on other aspects of life.

Tinkering with robots is another way children understand science and technology. "The ability to physically play with the robots and learn how they work and function is very important for students," says Leonard. "Working through programming step-by-step adds another layer and element to their educational experience." At the end of their program, students participate in Engineering Olympics. Incorporating activities such as building the fastest car or making the catapult that launches cotton balls, these events bring all the concepts together and allow students to demonstrate what they learned.

Analyzing nature's life cycle, programming robots, and building cars are only some of the ways technology helps everyone understand science. Through COMPUTER EXPLORERS classes, children learn core concepts at a young age, instilling a love for science and helping to ensure a successful future.

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