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Effective Technology Integration Shows New Frontiers in Education FRANCO PAOLETTI, East Windsor Regional School District, East Windsor, NJ , LISA MARIE CARLUCCI, Washington Township Public School District, Robbinsville, NJ — In this ever-changing world, technology is affecting how people view learning and the overall educational process. For an educator, the successful implementation of technology can be one of the most effective tools in the classroom. The introduction of virtual simulations of real life situations into what was once considered a teacher-centered classroom, allows the educator to meet the complex differentiated needs of a multi-faced student population. In this modified classroom, the focus naturally shifts on the students and their interaction with the rest of the class and beyond. Effective integration of technology literally opens a window onto the outside world providing students with increased motivation and with the necessary expertise to enter the workforce or successfully pursue higher education. This work analyzes the impact of technology, the methodologies currently in use, advantages and disadvantages, providing examples on how to successfully implement effective programs under budgetary constraints.

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