



Class Solver Reduces COVID-19 Outbreaks through Class List Management

"COVID-friendly" algorithm helps educators optimize and update class lists

Melbourne, Victoria AU (Oct. 26, 2020) – [Class Solver](#), the most flexible program for creating and managing class lists, has developed an algorithm that's been proven to reduce COVID-19 outbreaks in schools by [36 percent](#). The feature builds upon Class Solver's ability to customize and create class lists based on factors including behavior, academic performance, special needs and parent requests.

"Managing class placement is challenging at the best of times, but with the COVID-19 pandemic we often need to adjust quickly," said Denielle Toth, Principal at Fricano Primary School in New York. "Class Solver has been invaluable – we've been able to create new class lists in minutes while also meeting COVID-19 requirements for our district."

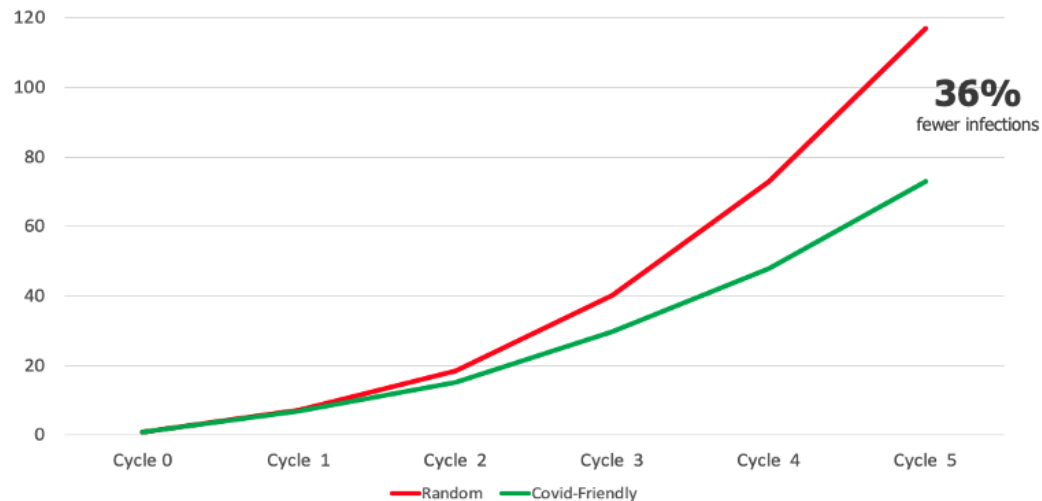
Class Solver integrates seamlessly with many student management systems. The new "COVID-friendly" algorithm saves time and evaluates factors such as social groups, extracurricular activities, bus routes and household dynamics to determine the impact of interactions at school. The feature follows the [recommendations](#) of Ben Schmidt, Director of Digital Humanities and Clinical Associate Professor at New York University, who published data on the correlation between children's social networks and COVID-19 outbreaks.

"If one child infects, say, 2 other students instead of 10, the reduction in the spread of infections across the school and the wider community could be significant," said Shannon Forte, Vice President at Class Solver. "Our team is currently examining ways to support contact tracing, and intends to work closely with education and health departments to better inform COVID-19 policy and procedure."

Educators in the U.S., Canada, Australia and New Zealand piloted the solution to support evolving local COVID-19 regulations. Schools can optimize for hybrid learning models, multi-grade groupings, and family dynamics such as siblings sets and co-parenting situations.

"Our district recently decided do an A/B schedule, and with Class Solver, I was able to quickly redo my lists instantly to meet the new schedule," said Lacy McKinney, Principal of Chackbay Elementary School in Louisiana. "It was a huge life saver!"

Simulated outbreak comparing random class groups and Class Solver's COVID-Friendly solution



Note: Based on a comparative modelling of 3,560 students.

“Creating class lists manually often take schools more than a hundred hours involving all of their staff,” said Amy White, Founder of Class Solver. “We’ve been able to save schools time, but also make a real difference during the pandemic – it’s just so satisfying.”

Class Solver’s COVID-19 algorithm is currently live, and is available to all of Class Solver’s district clients. To learn more, please visit <https://classsolver.com/us/>.

About Class Solver

Class Solver was founded in 2013 by Amy White after her daughter was placed in a classroom with no social support. Since then, Class Solver has worked with thousands of educators to design, test and refine the most advanced system for creating class lists. Class Solver’s purpose is to save teachers and educators time, but ultimately help ensure that children are placed in the best class for their needs. It doesn’t replace the expertise of administrators and teachers; it is a tool to help support them to make the best decisions possible. In 2020, Shannon Forte, a 14-year veteran in EdTech, and former solutions engineer, joined the team as Vice President North America. Class Solver is backed by a number of experienced entrepreneurs and investors.

While the team boasts an excellent reputation as a world-class EdTech, they openly acknowledge that schools also need support in understanding and migrating to new systems. Their free customer support is second to none. In addition, Class Solver integrates seamlessly with a number of student management systems, including PowerSchool, the largest student management system provider in the USA. For more information about Class Solver, please watch [this information video](#) or visit <https://classsolver.com/us/>.

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