

# Submission Cover Page

## Submitter Information

Name of person submitting this form: Alissa Schonmann

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School or Organization name: Morris Plains Borough School

School or Organization City and State: Morris Plains, NJ

The number of students represented: 48

Student grades: Grades 3-5, & 8

**Link: [Click here for video submission](#)**

## Please share your school STEM context

What is your school's approach to Science, Technology, Engineering, and Math (STEM) education?

We have a huge emphasis on STEAM in our school district. Our curriculum focuses on student-led hands-on challenges. Students are given problems to solve and they use the Engineering Design Process to come up with creative solutions. Although we like the solutions that students come up with, we emphasize the journey through the entire process. Students understand that even though they have a solution, they can still reflect on how they could improve their work further. We are fortunate enough to have an abundance of technologies in our beautiful STEAM Lab. The STEAM Lab is equipped with VR stations, 3D printers, one to one Chromebooks, iPads, Sphero Bolts, Makey Makey, and more! Students get a well rounded experience that includes engineering challenges, computer programming, 3D design, 21st Century computer skills, all while infusing the arts into the curriculum. Our hands-on approach allows for our students to learn skills that will last them a lifetime!

## Showcase of work

Our program's research has found that it is important to share and celebrate the work of students around STEM, would you like anyone to be informed of this submission?

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