



3D-Printing Adapted Toys

This season, we had the opportunity to 3D print adapted toys for a local pre-school. These toys were made to fit the needs of students, and engage them in fun and exciting STEM activities.

For the design, we modified [this](#) design to have bubble wands instead of seats, then we placed a pole with fairly high mobility into the center. This allowed for kids to engage with one another excitedly. We also placed a fan in the middle to blow out the bubbles.

The final model was combined and presented to the student, and was successfully useful for both him and his sibling, which was super exciting. We are working to finalize a model of this design that can be directly printed as opposed to separately assembled.

Materials:

(9) Bubble Wands

(1) Print File

(1) Fan

(1) Battery

(1) Container of Bubbles

Recommended: Tarp for Runoff

