

21st Century Instructional Initiative Grant Recipients 2016-2017

LEGO Simple Machines

Lansdowne
Elementary School

Stephen Price, Principal
Amy Cirjak, Grant Liaison

STEM Focus

*Outcomes were accomplished for the **22** students who attended the **6** week program to build robots with Lego's. A diverse set of students was enrolled including students with social and academic concerns. The students were not enrolled because of these concerns, but excelled in the program, attending regularly, working well together and creating new projects without any need for assistance or intervention.*

- Students will increase ability to work in collaborative groups by working to share materials to design and create a common product
- Students will use problem solving and project based learning to build awareness and ability to program within simple circuits

