

21st Century Instructional Initiative Grant Recipients 2016-2017

3-D Printing for the Future

Dundalk Middle School

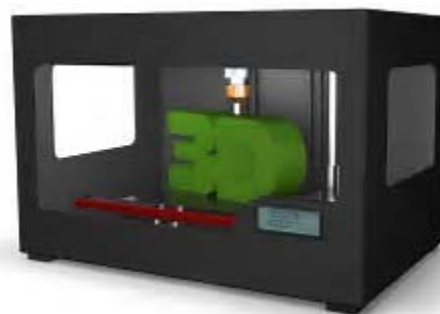
**Seth Barish, Principal
Ella Reid, Grant Liaison**



STEM Focus

A 3D printer for the PLTW classes/clubs was purchased to construct their products after completing the design process and constructing a prototype of a device that will improve a person's life.

Students conducted research, determined cost, researched current solutions. Students used knowledge, skills in abilities from all the general education contents: Science, Reading, Math, Language Arts in addition to the special areas such as art and physical education/Health and music. Students are merely limited by their imaginations and worked within the confines of a "budget" to create their prototype for their "client".



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