21st Century Instructional Initiative Grant Recipients 2016-2017

Maker's Lab

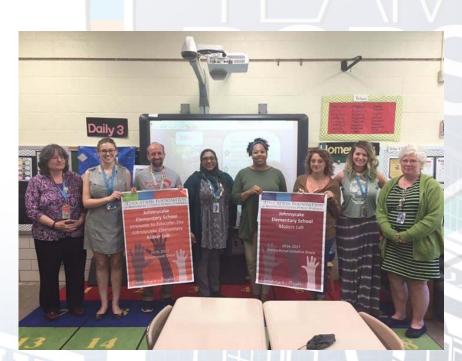
Johnnycake Elementary School

Bre-Anne Fortkamp, Principal Monyette Pitts, Grant Liaison

STEM Focus

Through support of this grant we were able to:

- Order necessary makerspace resources (furniture, tools, building materials, robotics components)
- Build and organize makerspace.
- Provide staff development session which offered teachers an opportunity to use makerspace and work with facilitators to plan learning activities with appropriate learning strategies and cross curricular connections.
- Host guest speaker and mobile STEAM museum who motivated students with Innovation-based assembly.
- Staff and makerspace facilitators completed surveys to pre and post-assess understanding of design process, comfort with collaborative learning strategies, and impressions of student engagement.
- Open Maker Lab for student use.
- During Family STEM Night student projects were showcased.
 Parents and interested community stakeholders were invited into Maker Lab to participate in design/engineering challenge hosted by HotSpots partners.



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