

# 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.

