Maker’s Lab

Johnnycake Elementary School

Bre-Anne Fortkamp, Principal
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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.