



Innovation Project Application

Library: Bay County Public Library

Project Manager: Sandra Pierce

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Name of Project: LEGO Club @Your Library

Project Amount requested: \$614.12

Scope of the Project: LEGO Club @ Your Library will offer the opportunity for elementary school students (K-5) to come to the library and participate in planned challenges or themes to create a final product using basic engineering techniques. Lego club will allow students to experiment, create and build through learning.

What need in the library/community will this project address? The library will provide a unique opportunity for children to come and collaborate with each other and the teachers to learn different engineering techniques. At this time, the only LEGO based activity in this area charges a fee for children to participate. The library will offer a safe environment for children to converse and create around LEGO building blocks. These makerspace programs will be free of charge, thus filling the need for those that wouldn't be able to afford to participate.

Resources required and budget: (Amazon.com)

- 3 Classic Large Creative Brick Box Build your own Creative Kit (790pcs)
\$47.99 X 3 = \$143.97
- Classic Baseplates | 100% Compatible with All Major Building Brick Brands | Stackable Bases | 12 Tight Fit Base Plates in Rainbow Colors 6" x 6"
\$19.99 x 3 = \$59.97
- LEGO City Complete Wheel Assembly 20 black axles, 40 black rubber tires, 40 light gray wheels
\$14.75 x 3 = \$44.25
- Lego Education Community Mini figures Set 59.99 x 2 = \$119.98
- LEGO Classic Windows of Creativity 11004 Building Kit, New 2019 (450 Pieces)
\$26.82 x 1 = \$26.82
- Creative QT Play-Up Wall Panel - XL Building Brick Play Wall - Pre-Assembled - Compatible with All Major Brands of Interlocking Blocks - Vertical Building Surface - Green - 34 inch x 44 inch
\$169.95 X 1 = \$169.95

- IRIS 4-Drawer Rolling Storage Cart with Organizer Top, Gray
\$24.59 X 2 = \$49.18
- **Total \$614.12**

Activities/Timeline (include estimated completion date): LEGO club will be scheduled to meet monthly for a total of 10 classes with a new challenge for each class. Challenges or themes will be used to help keep the students focused and it makes club meetings different each time. LEGOS will also be used for pop up opportunities during other STEM related programs in the library and the community. The club will start in January 2020 and continue through October 2020.

How will the library sustain this project? LEGOS are basic building blocks that are reusable and can be cleaned and maintained over many years. The library will seek gift LEGOS from the community as well as add to the collection when necessary.

Library Director's signature: *Robin Slade* Date: 10/14/19

Amy R. Cooper Date: 10/16/19
Signature of agent, office, or board to whom the Director reports

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Approved _____ Not Approved _____

PLAN Executive Director _____