

# City of Hyattsville 2023 Education Enrichment Grant Program

### City of Hyattsville 2023-24 Education Enrichment Grant Application

Due date: January 5, 2023 Late proposals will not be accepted

#### SECTION 1 - APPLICANT INFORMATION

Name:Eileen Lenge	nfelder
Position: STEAM tea	icher
School:Edward M I	Felegy Elementary
Email Address:	
Phone Numbers:	School:
Amount Requested: _	\$ 497.80
Check Should be Paya	ble To:
Project Start Date: _F Not b	ebruary 7, 2023 Project End Date: June 14, 2023 Pefore January 2023 Not after July 1, 2023
	Reminder: A final report is due by July 3, 2023
SECTION 2 - SIGNATU Principal's Signature:	RES Revon a Libura Date: Jan. 5, 2023
Principal's Printed Nan	ne:
Applicant's Signature:	Eleen 4 Linguistate: Jan. 5, 2023  me: Eileen Lengenfelder
Applicant's Printed Na	me:
SECTION 3 - DESCRIPT	ION OF GRANT REQUEST
Title of Project:	t's Electric!
Please attach a typed o	description of the grant request (three-page limit)

#### **Description of Grant Request**

Students in kindergarten and second grade will explore electricity through the use of this media. While learning about conductors, insulators, and the flow of electricity through a circuit, students use conductive and insulating clay to build a circuit that makes their clay creation light up or buzz. Students will make a garage out of blocks and drive a car into the garage. The motion of the car will set off a sensor and turn the light on in the garage. Students will work in groups of three using the Engineering Design Process to Create, Test and Improve their designs until it fits all the constraint indicators. This process is used to encourage communication and collaboration, which will assist them in their future careers in the community.

#### **Target Population**

The target population is all of the kindergarten and second graders (200+ students) at Edward M. Felegy Elementary. A breakdown of Felegy's enrollment is:

- 91% are eligible for FARMS (Free and Reduced Meals)
- 68% Hispanic
- 29% African American
- 6% American Indian, 2% White, and 3% Asian/Native Hawaiian
- 48% qualify for ESOL services, 22% SPED

#### **Location of Project**

This project will take place in the STEAM lab at Edward M. Felegy.

#### **Project Timeline**

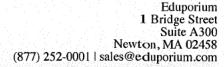
March 7 - March 24, 2023

During this time, 200+ students will engage in weekly 45-minute lessons using the squishy circuits. They will first explore how to get the electricity from the battery pack to light the bulb, then they will build a carport to drive the car using KEVA blocks. Finally they will "drive" the car into the carport and have the light inside turn on when the car is in its spot.

## Detailed budget plan

(see attached invoice)

https://doc-08-bk-apps-viewer.googleusercontent.com/viewer/secure/pdf/acjasf1tg7d5ih37gs0ck2fi7hdfgi0h/39u6np70c4en5hhn7tke16266mu8g22o/1672935825000/gmail/10347899743648287741/ACFrOgCjnmrQX-R7FKSnxPTWotN2OKbRUAYAuaAb\_swuhQCM0tzGfC4flutaCmTaifa6mLV3Vl66F9kVrrqUc1K8vJh62RAMd7KEQ4Yv-kO\_yQgmai7lGDQjnPsELkQ=?print=true&nonce=r0fm8frpsq3i6&user=10347899743648287741&hash=hmhatd34j62dtlh918r0giqan3cv2vv2





Quotation # Q21.000032220 Quotation Created On: Jan 3, 2023 Quotation Valid Until: Feb 17, 2023 Quote for: **Shipping Details:** Eileen Lengenfelder Eileen Lengenfelder Prince George's County Public School Prince George's County Public School 6110 Editors Park Drive 6110 Editors Park Drive Hyattsville Hyattsville Hyattsville, Maryland, 20782 Hyattsville, Maryland, 20782 United States United States T: T: 6

#### **Shipping Method:**

Standard Ground - Shipping Rate

(Total Shipping Charges \$18.00)

Products	SKU	Price	-Qty	Tax	Subtotal
Squishy Circuits Deluxe Kit	1644	\$61.50	5	\$0.00	\$307.50
Squishy Circuits Dough Kit	Squishy Circui ts Dough Kit	\$16,40	10	\$0.00	\$164.00
MonkMakes Relay for micro:bit	00061	\$8.30	1	\$0.00	\$8.30
Remarks with quote:		Subtotal:			\$479.80
Applying for a grant through the City of	Shipping & Handling:			\$18.00	
Hyattsville. It is due January 5 Created by Earl - F/T	Tax: Grand Total:			\$0.00 \$497.80	