

Organization (required)

Moss Elementary

Organization website

<https://www.washoeschools.net/moss>

Contact First and Last Name (required)

Jill Spencer

Contact Email (required)

jspencer@washoeschools.net

Contact phone (required)

775-123-4567

Organization address (required)

*2200 Primio Way
Sparks, NV 89434*

Dollar Amount Requested (Up to \$250) (required)

\$239.92

Project Title. Please give a short title to your project. (50 word limit) (required)

Fourth Grade STEM Car Challenge: Energy, Electricity, and Motion

Please provide a brief narrative/description of the project with defined objectives. (500 word limit please) (required)

Students will be building and designing small solar powered electric cars to see energy converting from one form to another.

This project aligns directly to Next Generation Science Standards (NGSS) 4-PS3-4: Apply scientific ideas to design, test, and refine a device that converts energy from one form to another.

The objective of this project is for students to apply knowledge, engage in the engineering design process, and demonstrate mastery of physical science concepts.

Provide a budget justification for each objective. List dollar amounts for each objective and detail any materials/supplies/purchases etc. that the funds are to support. (400 word limit) (required)

8 Solar Car Kits: \$29.99 each, \$239.92 Total

- Solar Kits to be used to apply knowledge, engage in the engineering design process, and demonstrate mastery of physical science concepts.

To be purchased from <https://www.solarmade.com/store/product/jss-deluxe>

Please provide a timeline for the project objectives. (250 word limit) (required)

Receive Funds - November 8

Order Supplies - November 15

Design/Build Cars - December 2 - December 6