



GRANT APPLICATION

Please respond to the following questions. Use the reverse or additional pages as needed. Submit the form and responses to the address at the bottom of this application. Grant deadlines are May 31 and November 30 each year for the following semester.

Name: Beth Miles

Email: beth@windymiles.com

Phone: 607-387-4841

Alternate phone:

School/Organization: Trumansburg After School Program Inc

Position/Title: Director

Project title: Mobile STEM - After school Research Facility

Primary project objective: To introduce students to the core STEM process skills which are observing, questioning, hypothesizing, predicting, planning, and communicating. Grade levels and number of students to benefit: K-2, 35 students

How will grant funds be used to support the project objectives?

Using various everyday materials in group challenges - projects

Schedule for project (start and end dates):

January to June 2017

How will you measure success of the project?

85% to 90% of students are engaging in the challenges, students are requesting the mobile STEM

Amount of funding needed for implementation:

Provided by TCSD Foundation: \$178.38

Provided by Other Sources:

Detailed Budget (attach page if necessary):

If your project is not funded by TCSD Foundation, do you anticipate completing the project, and, if so, how? would be done on a smaller scale and asking for parent donations of supplies.

Beth E. Miles

11-15-2016

Applicant Signature:

Date:

Teacher's signature or principal of 501c3 organization is required.

Principal's Signature:

Date:

One or more principal's signature is required if project operating in a classroom or on school grounds.

Applications accepted from Trumansburg Central School District and local 501(c)3 organizations.

Mail or email completed form and any supporting documents to:

Katherine Walker / 19 Congress St. / Trumansburg, NY 14886 / katherinewalker@gmail.com

# Mobile STEM

This fall I attended an afterschool conference in which one session was on how to include STEM in an afterschool program. We used materials that are easy to purchase from a grocery store to complete the challenges. When I started to price out the materials for the mobile STEM, I realized that I would need extra funding. We are a non-profit and an extra project like this would take time to get donations and would be done on a smaller scale.

Tape and straws alone may not seem like much but challenge a student to build the tallest tower using only 12 straws and tape. ~~and~~ <sup>Then</sup> See the excitement on their faces as they become engineers.

# mobile STEM

## materials needed:

- 1) The Curious Kid's Science book:  
100 creative Hands on activities for  
ages 4-8 by A Sia Castro \$ 15.39
- 2) Chenille kraft jumbo  
pack 500 Assorted colors \$ 8.89
3. wooden 1' cubes 50 pieces \$ 13.99
4. Rolling organizer 10 drawers \$ 39.99
5. plastic 3oz cups 100 count \$ 5.85
6. 250 pieces of jumbo  
assorted color straws \$ 13.48
7. Scotch home and office  
masking tape 1' x 55 yards  
6 rolls \$ 17.89
8. ~~10~~ 10 boxes of spaghetti \$ 12.90
9. Various items that will  
be needed by teachers \$ 50.00

\$ 178.38