

Randolph Foundation for Education
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RFE COMPETITIVE GRANTS APPLICATION

Applicant's name: Kate Fisher

Email address: fisherk@randolph.k12.ma.us

Applicant's position: Elementary STEM teacher
(Repeat this info for all co-applicants)

Grant Title:

What is the total budget for your proposal? \$800

Grade(s) affected by the grant: K-5

School(s) affected by the grant: Donovan Elementary School

Total number of students to be directly affected by this grant: 400 (all students at Donovan)

Please provide a brief (one paragraph) summary of your proposal. You will have an opportunity to provide further details below:

Honestly, the ChompSaw would make a huge difference in my elementary science classroom. I work with students from kindergarten to fifth grade, and every time we do engineering builds, cutting cardboard becomes a time-consuming struggle. Kids get frustrated, scissors don't cut well, and I end up doing most of it myself. The ChompSaw would give students a safe, easy way to cut materials on their own, which means fewer delays and more time actually building and learning. It would help students feel more capable and creative, and it would help me manage the chaos that comes with 20+ kids trying to construct something at once. It's one of those tools that just makes things work better—for them and for me.

Describe your project in detail. What are you planning to do? How will you do it? Who will benefit from the project? Why is this project important to the education of your students? What do you hope to accomplish? How will you know if this project is a success?

In my PLTW Launch classroom, students are constantly designing, building, and problem-solving with cardboard and recycled materials. From fourth graders creating business prototypes to younger students engineering toys and designing sun protection for the playground, these projects require safe, precise cutting. I plan to use ChompSaws to empower students in grades K–5 to cut cardboard independently, safely, and efficiently. This will reduce adult dependence, increase hands-on time, and enhance the quality of their designs. The ChompSaws will benefit over 400 students by boosting confidence, creativity, and real-world STEM skills. Success will be measured by increased student independence, smoother project work, and more polished final builds. This

project matters because it supports meaningful, student-driven learning that connects creativity to engineering in a powerful, practical way.

What is the proposed start date? Once purchased

Specifically list all materials and equipment requested along with the itemized cost, and the source of quote:

4 ChompSaws @ \$249 dollars each for a total with taxes and shipping of about \$800
<https://chompshop.com/collections/shop/products/chompsaw-ca>

I verify that a copy of this application has been submitted to the applicable school principal who has approved its content and proposed expenditures.

School Principal