



H.O.P.E. Grant Application Form 2017-2018

Completed applications should be submitted along with the H.O.P.E. Grant – Application Detail Form to the H.O.P.E. mailbox (heyworthhope@gmail.com) at least 2 weeks prior to the H.O.P.E. review meeting.

Applicant Name(s): Wendy Hadden

Project/Proposal Title: STEAM in the classroom through children's literature and writing activities

Target Audience: 2nd grade students in my classroom will be the primary audience; however, the other second grade teachers are welcome to borrow the books and materials to use in their classroom.

Number of Students Benefitting: The project will benefit every student in my classroom (23 students this year). The materials are non-consumables, so they continue to benefit at least 20-25 students every year. The other second grade teachers will be welcome to use them as well, potentially benefitting approximately 75 students every school year.

School Year: 2017-2018 (to be used every school year)

Total Dollar Amount of Request (note cap of \$750 for individual classroom needs, \$3,000 for grade level or school-wide programs): \$747.24

Applicant Signature(s) & Date: *Wendy Hadden* 9-29-17

Principal Signature & Date: *P. D. Kim* 9-29-17

HES Librarian Signature (if applicable) & Date:

Director of Technology Signature (if applicable) & Date:

****To Be Completed by H.O.P.E. Exec Board****

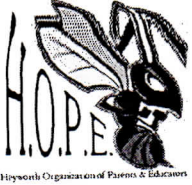
Date of H.O.P.E. Review Meeting:

Date Invoice Received:

Approved/Denied (Score):

Date Payment Provided:

Comments:



H.O.P.E. Grant – Application Detail

The goal of H.O.P.E.'s grant program is to enable supplementary financial support to Heyworth Elementary staff for the end benefit of student education/enrichment. The below questions should be completed to provide a more detailed description of the grant request. The application form should not exceed one typed page. Completed applications should be submitted along with the Grant Request Application Form to the H.O.P.E. mailbox (heyworthhope@gmail.com) at least 2 weeks prior to the H.O.P.E. review meeting. Completed applications will be made available to H.O.P.E. Membership prior to the review meeting and copies will be on hand at the meeting for additional review prior to voting.

1. Describe the proposed need/project/program and the objectives it would accomplish.

Last year I received a grant and began implementing a STEAM (Science, Technology, Engineering, Art, and Math) program in my classroom. I ordered many materials that students could use to build, create, work collaboratively, etc. They are highly engaging, hands-on, motivating, and allow for collaboration and higher-level thinking. I would like to expand my STEAM program into my language arts program. This grant focuses on incorporating STEAM into reading and writing, using a variety of high-quality, engaging children's literature books. I have done research and found several lesson plans using children's books that would be the basis for students to create and apply a STEAM project. I have also found some teaching materials that provide specific projects that correlate with specific children's books, as well as task cards that lend themselves to a variety of children's literature.

I will use these books and STEAM materials/projects in several different ways in my classroom. One way I plan to use them is to read a specific book aloud to all students, and then provide them with a STEAM task or project that is based upon some aspect of the book. Students would work cooperatively in a hands-on situation, using higher-level thinking and problem-solving skills to complete a task/project to accompany the book.

I would also use these as extension activities and opportunities for students who are reading at various levels. I am always looking for ways to differentiate my teaching and provide for individual student learning. I have found books with supplemental STEAM activities and tasks at a variety of reading levels and interest levels. I will have these books available with specific task and project cards for each book. They will be available for students to use throughout the week during our small group reading time. Students will be able to work individually or collaboratively, and they will be able to choose books and projects that are on both their reading and interest level.

Another way that I will use these is as an option for students to do when they are done with their other work. Students are always asking me "what they can do next." I anticipate that by adding a variety of children's literature and

corresponding hands-on activities and project choices to our STEAM area, students who finish their classroom work will be able to be engaged in a purposeful, hands-on, motivating learning situation.

Collaboration and hands-on curriculum opportunities are very important in creating a classroom in which students are engaged, motivated, and involved. When students are motivated and engaged in their learning tasks, they will naturally grow as learners, thinkers, readers, writers, mathematicians, etc.

2. What is the estimated cost of the project/program? Please summarize and attach itemized list.

The total requested is \$747.24. This includes \$261.20 in curriculum materials from Teachers Pay Teachers and \$486.04 in children's books from Amazon. I have included itemized lists.

3. Who and how many would benefit from this project/program? What would be the impact on students/staff?

My entire class of second graders would benefit from this project. The materials are nonconsumable, so hundreds of students would potentially benefit from using them throughout the years. I anticipate that the impact on my students would be two-fold. In providing students with high-quality literature, and then having them engage in a hands-on manner with the text, my hope is that this will build excitement and enthusiasm toward reading and books. This engagement will then help students become better, more proficient readers. Another impact that I foresee happening is that students become very engaged and motivated in the hands-on process of creating or solving a STEAM task that goes with the book. This will build higher-level thinking and problem-solving skills, among other positive results. The more engaged students are in their learning, the more they are going to grow and flourish in their education throughout the school year.