

PLAN NAME

Innovation Hour

ID

3251980

LOGO**CREATED DATE**

9/14/17 2:26:31 PM MST

LAST UPDATED

9/18/17 3:08:09 PM MST

SUBMISSION FORM**PERSONAL INFORMATION****FIRST NAME**

[REDACTED]

LAST NAME

[REDACTED]

JOB TITLE

3rd Grade teacher

PHONE NUMBER

[REDACTED]

EMAIL ADDRESS

[REDACTED]

SCHOOL

Meadow Point Elementary

GRANT TITLE

Innovation Hour

NUMBER OF STUDENTS IMPACTED

100

SUBJECT YOUR GRANT RELATES TO (CHECK ALL THAT APPLY)

ArtsLiteracyLeadershipSTEM

GRANT APPLICATION QUESTIONS**PROVIDE A TWO-SENTENCE DESCRIPTION OF YOUR GRANT THAT CAN BE USED FOR PUBLICATION**

Over 100 third grade students of all levels will be engaged in STEM activities where they will be empowered to explore their own passions. Students will be engaged in experiential learning, persist in problem-solving, embrace collaboration, and work through the creative process.

Purpose (Explain what you hope to achieve. What will be different or better if successful: Why it is needed, and how it is INNOVATIVE.)

Our third graders will be entering a workforce where they will be solving problems that are unknown. They need regular opportunities to dream, explore, problem solve, plan, create, collaborate, invent, test, modify, and share their work. The focus will be authentic problems, tasks and activities to help them build 21st Century Skills. Current research has shown that regular opportunities in project based learning, raises achievement in all academic areas.

Measurable Objectives: (Include the number of students who will benefit.)

Over 100 third graders will be encouraged to engage in exploring their passions. They will be involved in STEM Design Process. During this process students Ask, Imagine, Plan, Create, Improve, Share. Students will take thoughtful risks, engage in experiential learning, persist in problem-solving, embrace collaboration, and work through the creative process. Students will be assessed throughout this creative process, by teachers giving feedback, students self-assessing and reflecting on their

projects, along with peers giving feedback along way as well. We will use rubrics, checklists and student self-assessments to measure how engaged students were in the STEM process.

How will your grant achieve a District/School goal?

This grant opportunity follows our district and school goal of increasing student innovation, project-based learning, and focus on STEM. This grant aligns with the Cherry Creek School STEM vision rooted Tony Wagner's "Seven Survival Skills". These include critical thinking, problem solving, collaboration, curiosity and imagination, accessing and analyzing information, agility and adaptability, along with effective oral and written communication. Being engaged in innovation hour, students will explore their passions and collaboratively engage in the STEM process and develop a love for life-long learning

Implementation of Strategy: (Instructional procedures)

Each trimester students will be challenged to explore something to do a project over and that they want to learn more about. Students will spend time researching and creating a product that will then be shared with their class, school, community or the world. We will follow the STEM process, defining a problem, brainstorming possible solutions, making a plan, then sharing their creations with others. Students will use a variety of materials to engage in this process. They may be using, but are not limited to Chromebooks, building's 3-D printer, Legos, consumable materials such as ping pong balls, cardboard, fabric, paper etc

Time Line: (Will additional resources be needed in the future? Outline when your grant will begin and end)

Pending grant approval, students will begin their first STEM project as soon as we can purchase materials needed for their creations. These projects will continue each trimester until the end of the year. We would like to continue doing this for years to come. We will need plastic bins to organize materials, lego kits, robotic kit, snap circuits and many consumable materials: straws, toothpicks, rubber bands, index cards, q-tips, popsicle sticks, cupcake liners, coffee filters, masking tape, duct tape, playing cards, pipe cleaners, mop buckets, paper plates, plastic silverware, magnets, fabric, sewing supplies, cotton balls, felt, string, dental floss, flashlights, origami paper,

Evaluation Procedures: (Explain how you will measure the success of your program)

The success of innovation hour will be measured formative assessments as students progress through the STEM process. We will use rubrics, checklists and student self-assessments in order to guide instruction with these student-centered projects. We will use a summative rubric at the end of the trimester when students present their projects. We will also assess students on their oral and written communication, as they will be expected to create a written and oral product explaining their project and what they learned.

School/Community partners involved (Financial or volunteer) in project

The Meadow Point PTCO is aware of costs of consumable materials and is always willing to help out when possible. Parents are always excited to come in and volunteer in their child's classroom. Especially when we are engaged in STEM learning opportunities. Most importantly, students are very engaged and excited about learning, especially when it is student-driven.

List of additional contacts (if applicable)

BUDGET QUESTIONS

Budget (not salary or sub-time), guest speakers, etc.) Grant cannot exceed \$1,000 total.

*Please obtain the lowest bid for any items purchased.

Personnel:

COST \$

919.16

DETAILS

- (4) Tree of Knowledge Robotics kits: \$183.80
- (4) Snap Circuits SC-300 Electronics Discovery: \$183.96
- (2) Simple & Powered Machine Set: \$339.90
- (20) Plastic storage bins: \$79.80
- Consumable Materials: \$212

Equipment/Supplies: What is it, number, title, type purchased?"

COST \$

\$919.16

DETAILS

- (4) Tree of Knowledge Robotics kits: \$183.80
- (4) Snap Circuits SC-300 Electronics Discovery: \$183.96
- (2) Simple & Powered Machine Set: \$339.90

(20) Plastic storage bins: \$79.80
Consumable Materials: \$212

Other: (i.e. scholarships, travel, postage)

COST \$
0

DETAILS

Total Request \$:

\$1.000

HAS YOUR PRINCIPAL OR PROGRAM DIRECTOR APPROVED THIS GRANT REQUEST?

Yes

NAME OF APPLICANT'S PRINCIPAL OR PROGRAM DIRECTOR

EMAIL ADDRESS OF APPLICANT'S PRINCIPAL OR PROGRAM DIRECTOR

I have read and agree to the Terms and Conditions of Educator Initiative Grants as listed on the 2017-2018 Guidelines

NAME: [REDACTED]
EMAIL: [REDACTED]
ADDRESS [REDACTED]
ADDRESS LINE 1 [REDACTED]
ADDRESS LINE 2 [REDACTED]
CITY STATE/REGION ZIP/POSTAL CODE
COUNTRY
Andorra

EDITORS
COMPANY POSITION PHONE NUMBER

[REDACTED] [REDACTED] < >

ATTACHMENTS

NAME DESCRIPTION CREATED DATE

No Data

NOTES

FIRST NAME LAST NAME NOTES

[REDACTED]

QUESTIONS/COMMENTS TO SUBMISSION

QUESTION/COMMENT RESPONSE MODIFIED DATE

No Data

EVALUATIONS
STEM

REVIEWER CCSF EDUCATOR INITIATIVE EVALUATION FORM

[REDACTED]