

Beachland Elementary School PTA
2021 Fall Grant Program Applications

Total \$ Amount Applied For: \$19,470.00

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Thinking Maps Virtual Training of Trainers

DATE: October 12, 2021

SUBMITTED BY (Individual/Group, Indicate if teacher, staff, student, parent): Principal, Rachel Finnegan

EMAIL AND PHONE: Rachel.finnegan@indianriverschools.org 772-564-3335

DESCRIBE PROJECT/ITEM TO BE PURCHASED: Thinking Maps Virtual Training of Trainers
(Thinkingmaps.com/resources/trainings)

COST/DOLLAR AMOUNT REQUESTED: \$2,700 (Most workshops are three days and range from \$775-\$895 per person)

WHO WILL BENEFIT FROM THE PROJECT/GRANT? All students and teachers K-5 will benefit having a trainer of thinking maps on campus. The trainer(s) would offer support and provide a week-to-week plan of action to lead the implementation to train the entire school for implementation in the classroom.

WHAT LEARNING/SCHOOL/DISTRICT OBJECTIVES DOES THIS ADDRESS: By having a trained trainer of thinking maps on campus, the trainer can coach/model, have resources available for teachers/students, and lead small groups of Thinking Maps to state standards and best practices to enhance and extend learning.

WHAT IS YOUR TIMETABLE (When will you need funding and when will it be put into place): There are trainings for the 2021-2022 virtually from 9:30-3:30 for one to three days, depending on the course. However, I would like to have the option of allowing three teachers/staff members to be trained to support implementation K-5. This also would provide the option for allowing a teacher to be trained over the summer.

Budget Line for Transportation for Field Trips

DATE: October 15, 2021

SUBMITTED BY (Individual/Group, Indicate if teacher, staff, student, parent): Rachel Finnegan, Principal

EMAIL AND PHONE: Rachel.finnegan@indianriverschools.org

DESCRIBE PROJECT/ITEM TO BE PURCHASED: Budget line for transportation for field trips when/if school transportation is unavailable

COST/DOLLAR AMOUNT REQUESTED: \$3,000

WHO WILL BENEFIT FROM THE PROJECT/GRANT? (Include grade(s)/subject(s) and approx. # of students.) All grade levels needing the additional money to cover charter busses or transportation expenses.

WHAT LEARNING/SCHOOL/DISTRICT OBJECTIVES DOES THIS ADDRESS:

Field trips are connected to Florida standards and curriculum. The field trip allows for a first-hand experience to learn about the content from the classroom.

WHAT IS YOUR TIMETABLE (When will you need funding and when will it be put into place):

December 2021 – May 2022

5th Grade Headphones and Flexible Seating – Math and Science

DATE: 09/34/21

SUBMITTED BY: Samantha Crisafulli-Grade 5 Math and Science

EMAIL AND PHONE: samantha.crisafulli@indianriverschools.org 772-564-3364

DESCRIBE PROJECT/ITEM TO BE PURCHASED:

1. 2 sets of Vinyl floor cushions for small group Rti. https://www.amazon.com/HONEY-JOY-Alternative-ClassroomPreschool/dp/B098JWXZBK/ref=sr_1_23?dchild=1&keywords=floor+cushions+for+class&qid=1632424972&sr=8-23

2. Set of (10) head phones for students who do not have them at school.

https://www.amazon.com/BulkClassroomHeadphonesClassroomsComfortable/dp/B07L4JFR3Q/ref=sr_1_1_sspa?dchild=1&keywords=student+headphones&qid=1632425046&sr=8-1spons&psc=1&splLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEwV1JSVzlaMktRVFZFJmVuY3J5cHRIZElkPUEwNTYwMTU0Mk1SS0lWNUcwVVFSTSZlbnNyeXB0ZWZlbnNzc3NDU4M1VZWFZOT1RPUkJUTiZ3aWRnZXROYW1lPjNwX2F0ZiZlZ3Rpb249Y2xpY2tSZWRpcmVjdCZkb05vdExvZ0NsaWNrPXRydWU=

COST/DOLLAR AMOUNT REQUESTED: \$270.00

WHO WILL BENEFIT FROM THE PROJECT/GRANT? (Include grade(s)/subject(s) and approx. # of students.) 45-5th grade students will benefit from this grant.

WHAT LEARNING/SCHOOL/DISTRICT OBJECTIVES DOES THIS ADDRESS: Objectives will be to comfortably teach our small group rti (in the hallway). We are currently sitting on the floor. These cushions will also be used during our social emotional Sandford Harmony time. The headphones will be available for all students who cannot afford or forgot headphones. Our 5th grade science curriculum is online and headphones are needed daily, as is Iready/Reflex Math, and ExtraMath. These headphones will stay in the classroom for future years use.

WHAT IS YOUR TIMETABLE (When will you need funding and when will it be put into place): as soon as possible

Science Festival

Name: Diana Locke

Email: deeklocke@gmail.com

Phone: 8503457078

Dropdown Field: Parent

Additional Applicants: None

Dollar Amount Requested: \$2,000

Describe Project/ Item To Be Purchased As Well As Dollar Amount Requested:

Science Festival produced by the Stem Discovery Center at the Orlando Science Center. This is an All-day science engagement event that includes hands-on STEM Activities, Live Shows and Presentations, and a Family Science Night. This includes:

- 2 Hands-On STEM Activities (5 sessions of each) See workshop catalog for options)
- 4 Drone Zone Interactive Experiences or 4 Mobile Planetarium* Shows

DRONE ZONE (Grades K – 8) Students will explore drone technology while they try to master flying these amazing machines in a drone cage! They will work together in groups and test their flight skills by flying their drones through a series of obstacles set-up in our mobile flight cage.

MOBILE PLANETARIUM* (Grades K – 8)

We will bring the Universe to your school with Orlando Science Center’s Mobile Planetarium! Our Educators will bring the portable, inflatable dome to your location and use the digital projection system to take your students and guests on an immersive tour through space and time to view stars, constellations, planets, galaxies, and more! *Face coverings required inside the Mobile Planetarium.

- 2 KaBOOM! Live Shows

KABOOM! (Grades K – 8) A show guaranteed to be a blast! The KaBOOM! show is all about the states of matter and physical and chemical change. This informative and exciting presentation shows children different states of matter and demonstrates the changes they can undergo. This show can be chosen as a single program or added as an upgrade to other programs.

- 1 Family Science Night (topic selection on page 7) include everything below:

Primary programs include 90 minutes of hands-on science activities Secondary programs include:

2 hours of hands-on science activities

Supplies for 15 interactive stations

Two trained OSC Educators to facilitate your event

Cooperative learning opportunities among students,
parents, and teachers

Materials aligned to Florida State Standards

Set-up and break-down assistance in your cafeteria,
auditorium, or other large room

Passport worksheets to encourage student participation

Family-take home activities available at osc.org/educators

A raffle prize of 4 Orlando Science Center General

See <https://www.osc.org/learn/education/stem2go/> for additional details.

Who Will Benefit From The Project? (Include grade(s)/subject(s) and approx. # of students.): All students and families at Beachland will benefit.

What Learning/School/District Needs or Objectives Does This Address?: The benefits of experiential learning, particularly in relation to science, is well documented and studied. <https://files.eric.ed.gov/fulltext/EJ1031445.pdf> Unfortunately, due to Covid, students at Beachland have missed out on field trips and other immersive experiences for going on two years. Let's bring the Orlando Science Center to them! This festival will support science education at Beachland by providing hands on, interactive experiences we could not create on our own.

What Is Your Timetable? (When will you need funding and when will it be put into place.): -

If There Is Anything Else You Would Like To Add, Please Do So Here: *Note: There are many alternative options, in the event a festival cannot be held later in the year, the money could be repurposed towards smaller workshops etc.

Recess Kits for K- 5th grade

Name: Reva Ullian (3rd grade student)

Email: reva.ullian@gmail.com

Phone: 7725326578

Dropdown Field: Student

Additional Applicants: Mrs. Alisa Johnson, 3rd grade teacher, alisa.johnson@indianriverschools.org, 772-643-4510

Cost/Dollar Amount Requested: \$500

Describe Project/ Item To Be Purchased As Well As Dollar Amount Requested: Recess Kits for K- 5th grade. Storage bin for each grade and recess toys (examples- kickballs, frisbees, jump ropes). \$500

Who Will Benefit From The Project? (Include grade(s)/subject(s) and approx. # of students.): All students.

What Learning/School/District Needs or Objectives Does This Address?: The district and state have said it is important for students to have free play at recess every day to provide a break and encourage a healthy active lifestyle.

What Is Your Timetable? (When will you need funding and when will it be put into place.): We will buy the items as soon as the money is available.

If There Is Anything Else You Would Like To Add, Please Do So Here.: -

Funding for Project Lead the Way (PLTW)

Name: Dianne Jellie

Email: Dianne.Jellie@indianriverschools.org

Phone: (772) 564-3329

Dropdown Field: Teacher

Additional Applicants: Bethany Rice – Beachland Administrative Assistant – Oversees PLTW purchases – (772) 564-3324 – Bethany.Rice@indianriverschools.org

Researched and submitted by Trina Van Os – PTA volunteer – (650) 814-1945 – trina24@gmail.com

Cost/Dollar Amount Requested: \$5,000

Describe Project/ Item To Be Purchased As Well As Dollar Amount Requested: Everything in this grant proposal involves the Project Lead the Way (PLTW) program. More information about PLTW provided later in the proposal.

Total dollar amount requested: \$ 5000

Breakdown:

New Launch Kits from PLTW: \$1200

Consumables from various sources: \$600

iPads: \$ 3000

iPad Cases: \$200*

Note Currently the school district only authorizes the use of Scratch Jr., an APP that is integral to the program, on IPADS. PTA Executive Board and Principal will look into requesting authorization on devices currently owned by the school (Laptops and Desktops) or more cost effective tablets. If approved cost of grant would decrease by \$3200.

*At this time Bethany Rice is waiting to hear back from the school district with a quote on iPad cases. This dollar amount was calculated from cases on Amazon. This dollar amount may need to be amended.

New Launch Kits and consumables:

Items to be purchased are two science launch kits for fourth grade and one science launch kit for fifth grade from the PLTW website. These kits provide the durable items that can be used and reused for the entire grade, plus one set of consumables* for one classroom. Additional consumables from different vendors are to be purchased to provide materials for the additional three classes per grade level. There are also a few consumables to be purchased from different vendors to supplement the previously acquired launch kits for first and second grade classrooms.

*Consumables are one-time use items that are used and then discarded. For example, aluminum foil, paper cups, construction paper, etc. These can be purchased from the PLTW website, however using different vendors drastically reduces the total cost.

iPads + cases:

Items to be purchased are ten new iPad tablets and protective cases to primarily be used to teach the students about computer coding. Classes average 20-25 students. The students can work in pairs to complete activities. The preferred coding program has been district approved for iPads, but not desktops. Therefore, the students would be unable to complete their coding modules without these iPads. (The school district will only allow iPads to be used, we are not allowed to purchase and use android tablets.)

Who Will Benefit From The Project? (Include grade(s)/subject(s) and approx. # of students.): New Launch Kits and consumables:

The Launch Kits and consumables will benefit approximately 400 students in their classroom science classes. The proposal is for STEAM items for grade levels 1, 2, 4, and 5. There are approximately 100 students per grade.

iPads + cases:

The iPads, and their protective cases, will be used to facilitate Beachland Elementary's STEAM initiative through computer coding. The tablets can be used by students across the grade levels as they rotate through the Friday PLTW modules (more about this below). At this point in the school year, the coding modules would be implemented during the remaining three of the four quarters, meaning approximately 300 students would be using them this school year.

What Learning/School/District Needs or Objectives Does This Address?: Beachland Elementary is a Project Lead the Way (PLTW) school. (See URL below for more information.)

PLTW is a standards based supplemental science curriculum that provides our students with hands-on activities, problems, and projects. It encourages developing a problem-solving mindset, learning to work in groups with peers, and makes science fun. Because PLTW is standards based, it incorporates into our STEAM School of Excellence school district certification and our School Improvement Plan.

PLTW provides transformative learning experiences for PreK-12 students and teachers across the US. They create an engaging, hands-on classroom environment and empower students to develop in-demand knowledge and skills they need to thrive. They also provide teachers with the training, resources, and support they need to engage students in real-world learning.

PLTW modules are experienced by whole grade levels weekly in their specials rotations. Each quarter every classroom is appointed one specials class to attend on every Friday. Fridays have been removed from the regular LAMP (Library, Art, Music, PE) specials rotation to create time to work through and complete an entire PLTW module. The materials for these grade level PLTW projects in the Friday specials classes are funded by the school. In addition, the school district pays for Beachland's annual membership to PLTW.

The launch kits and consumables will allow for the additional expansion of PLTW into individual classrooms. Historically, Ms. Rice, the school Administrative Assistant, has held fundraisers to fund these classroom level projects. For example, that fund allowed for the purchase of this year's third grade materials, and that's why third grade is not listed in this category. (Kindergarten currently participates in PLTW only in their Friday specials classes.) However, that fund is now exhausted.

The iPads and protective cases will allow for the addition of computer coding to be experienced across multiple grades in the Friday whole school PLTW module rotation. Grades K-2 will complete the module Animated Story Telling in their Friday rotation. In this module students will learn the basics of coding and retell a story through the Scratch Jr program. Grades 3-5 will complete the Grids and Games module in their Friday rotation. In this module students will learn how to program a game that uses a grid. The teachers just recently learned of the district's inability to put the preferred coding program, Scratch Jr., on the existing desktops, so these new iPads and cases are essential to allowing the coding modules to be experienced.

<https://www.pltw.org/our-programs/pltw-launch>

What Is Your Timetable? (When will you need funding and when will it be put into place.): Funding would be appreciated as soon as possible as products purchased will be put to immediate use.

If There Is Anything Else You Would Like To Add, Please Do So Here.: Thank you for opening up this grant proposal program to everyone involved with the school.

Approved Trade Books for K-5th grade

Note Original grant request was for 2nd grade. PTA Executive Board opted to expand the grant money from \$5,000 to \$6,000 and to grade levels K-5. \$1,000 would be provided to each grade level to go towards purchase of these books.

Name: Amy Korzon

Email: amykorzon2@gmail.com

Phone: 772-564-3300

Dropdown Field: Teacher

Additional Applicants: Diane Jellie, Cheryl Miller, Wendy McFarland, Melanie Eaton

Cost/Dollar Amount Requested: \$6,000

Describe Project/ Item To Be Purchased As Well As Dollar Amount Requested: The Second grade team would like to purchase approved trade books for additional support of the new Amplify reading curriculum. **Addition:** Grant will cover grades K-5.

Who Will Benefit From The Project? (Include grade(s)/subject(s) and approx. # of students.): There are approximately 90 students in the second grade at Beachland that would benefit from these extra reading resources. **Addition:** New changes to grant expands books to all grade levels, the number of children benefitting will be 506.

What Learning/School/District Needs or Objectives Does This Address?: The books we would like to purchase align with the Amplify domains. Currently, these are the only approved supplemental reading materials that can be used in the classroom and are on the Amplify additional resource list.

What Is Your Timetable? (When will you need funding and when will it be put into place.): We would love to order these books as soon as possible. They would allow for small and whole group differentiation to reach all levels of learning.

If There Is Anything Else You Woud Like To Add, Please Do So Here.: -