



Teacher Grants Awarded 2016-17

Totaling: \$17,085

Grant Title: Strengthening Geo-Literacy with Maps

Author: Cindy Petree

Site: Stillwater Middle School

Award Amount: \$985

This grant will provide funds to purchase 90 World Atlases plus teacher activity guides to give students the ability to be “hands on” with different types of maps and graphic representations of information. Students can combine online information with the knowledge gathered from maps and graphic representations to formulate and test hypotheses about physical and human geography issues.

Grant Title: Tech for Tots

Authors: Paula Kennedy, Carleen Zacher, Susan Weaver, Diane Fix

Site: Districtwide – PreK

Award Amount: \$830

Funds will support early childhood technology by providing cases and applications for iPads previously purchased to implement small groups of iPads in the PreK classrooms to support math and pre-reading curriculum.

Grant Title: Molecular Magnets

Author: Tricia Klopfenstein

Site: Stillwater High School

Award Amount: \$400

Funds would purchase ten magnetic sets of molecules. Students will be able to experience and model various concepts using the molecules for a more thorough understanding. The sets are intended for Chemistry and AP Chemistry, although it will be shared among other courses.

Grant Title: iPad, iPad, What Do You See?

Author: Ginger Billman

Site: Richmond Elementary

Award Amount: \$450

With funding for one iPad Mini & case, children will be engaged in technology while actively learning phonemic awareness, math, reading, listening and handwriting. This technology will allow children to expand the learning that has already taken place in the classroom.

Grant Title: Castles of Clay

Author: Susan Yeager

Site: Stillwater Junior High School

Award Amount: \$995

Funds will allow Art 1 and Pre-AP art students to create clay castles inspired by medieval architecture. This interdisciplinary project incorporates social studies, geography, architecture, and different aspects of visual arts such as art history, aesthetics, and art production.

Grant Title: Makerspaces for Education

Author: Cara Smith

Site: Highland Park Elementary

Award Amount: \$1,000

Funds will purchase Makerspace kits, which use task cards and provided materials to experience, design and create projects. 4th & 5th grade students will experience learning in a hands-on setting that encourages creativity and discovery, through tinkering, experimenting, and collaborating while using technology to produce their final product.

Grant Title: A Step in the Right Direction

Author: Kevin Zamborsky

Site: Stillwater High School

Award Amount: \$1,000 (PAC Fund)

This grant provides funding for a set of innovative movable stairs to be installed in the SHS Marching Band's 51' semi-trailer, currently undergoing customized interior modifications. The stairs will allow the band to safely enter and exit the trailer while maintaining maximum interior space for storage of instruments, props, uniforms and equipment.

iPads for Special Needs Classroom

Author: Ann McAdams

Site: Stillwater Junior High School

Award Amount: \$820

This grant provides funding for two iPads, along with cases, for use in 8th & 9th grade special education instruction.

Little Linguistics Lexicons

Author: Andrea Garrett

Site: Richmond Elementary

Award Amount: \$420

This grant provides funding for a class set of illustrated dictionaries for use in all content areas of 2nd grade.

Grant Title: Health & Happiness with Kites

Award Amount: \$600

Author: Sarah Ehrlich

Site: Sangre Ridge Elementary

This grant provides funding for 30 kites for use in the physical education program for 3rd-5th grade. Along with introducing students to a new, outdoor physical activity, the kite flying curriculum will incorporate science and math through concepts including: problem solving, weather and aerodynamics.

Grant Title: Use of Guitars to Promote Confidence, Rhythm, Muscle Memory & Fellowship

Award Amount: \$1,000

Author: Dennis Cyr

Site: Stillwater Junior High School

This grant provides funding for guitars, tuners and wall mounts for use in an instructional guitar program offered bi-monthly during the school day.

Grant Title: Hatching Out New Ideas**Award Amount: \$1,000****Author: Robby Branscum****Site: Stillwater Junior High School**

This grant provides funding for a hatch incubator, brooding pen and egg candler to allow agriculture education students in 8th-12th grades to gain lessons in animal husbandry, biology and scientific method by hatching out eggs from various species of poultry.

Sensory Overload**Award Amount: \$350****Author: Austin Hula****Site: Stillwater Middle School**

This grant provides funding for small manipulatives that serve to help special education students who may have difficulty being still and attentive in the classroom. The manipulatives allow the students to hold something small in their hands, which is not distracting to peers. Providing these tools to teacher identified students who need more movement to maintain focus and engagement in the classroom, will benefit the students directly, as well as reduce disruptions for peers and the teacher, allowing for more effective instruction.

5th Grade Hands-On History**Award Amount: \$650****Author: Beth Shell****Site: Skyline Elementary**

This educational project aims to engage 5th grade students in interactive, activity based and peer to peer learning opportunities as a means of bringing the Colonial American period of history to life. Providing Hands-on History Kits will give students an opportunity to manipulate secondary sources and artifact items of the colonial period in order to deepen understanding of this period in our history.

Growing an Understanding for Plants**Award Amount: \$970****Author: Emily Harris****Site: Stillwater Middle School**

This grant will provide funds to equip 6/7th graders with growth chambers and materials needed in order to grow plants using hydroponics. Students will study how each part of the photosynthesis equation affects the growth of plants, plant parts and plant reproduction using the materials purchased. The materials provide the opportunity to engage in inquiry learning and scientific research, which forms lasting connections and a higher level of understanding.

Ozobots Programming Robots Line by Line**Award Amount: \$1,000****Author: Rebecca Palmatary****Site: Westwood Elementary**

Funds from this grant will purchase Ozobots, small programmable robots that promote both creativity and coding skills. Students will advance from basic color coding to intermediate block-based programming with these tiny bots. Supporting apps, flexible programming environment and lesson plans make it easy to integrate Ozobots into any curriculum – STEM and beyond. The Ozobots will be used with students in grades 2-5 in the school site's Gifted Education program, as well as at Stillwater's 2nd annual summer STEM Camp for grades 6-8.

Listening & Reading Center in ELL Classroom**Award Amount: \$565****Author: Anastasia Mendoza****Site: Skyline Elementary and Stillwater Middle School**

This grant will provide funds to purchase materials to create a portable listening and reading center to provide ELL students at two school sites an opportunity to improve their listening and reading skills with a variety of texts in English.

Broadway Musical Junior**Award Amount: \$700 (PAC Fund)****Author: Quinn Baldwin****Site: Stillwater Middle School**

Funds will support the production of a Broadway Junior musical at the Middle School. The purchased materials will include a performance license, director's guide, 30 actor scripts, rehearsal CDs, musical scores, a choreography DVD and additional materials.

We Got the Beat**Award Amount: \$1,000****Author: Trish Ranson****Site: Westwood Elementary**

This grant will purchase 4 World Music Drumming tubano drums, one djembe stand and five stools to accommodate the larger class sizes in the music classroom. Drumming together increases focus and awareness of others. It builds community and cooperation. The items will be used as part of the World Music Drumming curriculum for 4/5th grades.

STEM Bins**Award Amount: \$800****Author: Sarah Sinclair****Site: Sangre Ridge Elementary**

Grant funds will aid in the creation of STEM Bins, plastic containers filled with exploring activities. They will be made up of engineering manipulatives that encourage experimenting, building, observing, modeling, exploring, problem solving and creating. This will create a learning environment for 5th grade students that is more hands on and active and supports the Math and Science curriculum.

Centered Around Success**Award Amount: \$550****Author: Melanie Davis****Site: Will Rogers Elementary**

This grant will fund math, reading and writing kits for hands-on, curriculum based center activities for 1st graders.

Hotspot Internet Program for Low-Income HS Students**Award Amount: \$1,000****Authors: Uwe Gordon, Dr. Toby Brown and Dr. Brian Whitacre (OSU Extension)****Site: Stillwater High School**

This pilot project would fund five Hotspot devices to provide a year's worth of home Internet access to low-income student families and allow for testing of whether such devices impact student performance. Oklahoma State University will match funds to purchase five additional Hotspot devices to be used in the project.