

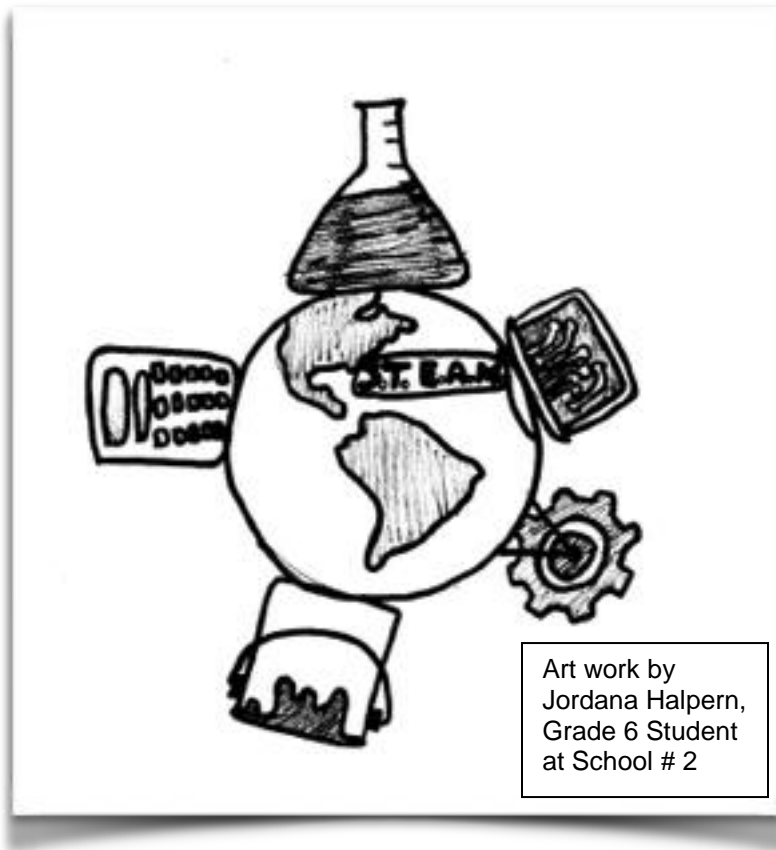


The Oceanside School District
in partnership with
Oceanside Community Service
presents:

Family **STEAM** Day

(**S**cience, **T**echnology, **E**ngineering, **A**rt, & **M**athematics)

November 18, 2017



Art work by
Jordana Halpern,
Grade 6 Student
at School # 2

Register TODAY!
Save this brochure!

OFFICE OF THE SUPERINTENDENT

PHYLLIS HARRINGTON, Ed.D.

**OCEANSIDE UNION
FREE SCHOOL DISTRICT**

Administration Building
145 MERLE AVENUE
OCEANSIDE, NEW YORK 11572-2206
516-678-1215
(Fax) 516-678-7503
(Email) pharrington@oceansideschools.org

Dear Parents,

On Saturday, November 18th, the Oceanside School District will be presenting a very special event for parents and elementary school children: Oceanside Schools' Family Science, Technology, Engineering, Art, & Mathematics (STEAM) Day.

This program will involve parents and children as partners in the learning process. Together you and your children will participate in activity-based workshops that will be designed to promote elementary school students' enthusiasm for learning in these important areas.

Family STEAM Day represents a community effort. Many teachers, parents, staff, administrators, and students have been working since last spring to ensure that this will be a memorable event. Your participation will contribute greatly to making it a success.

I look forward to seeing you on November 18th!

Sincerely,

Phyllis Harrington, Ed.D.
Superintendent of Schools

OCEANSIDE SCHOOL DISTRICT

ADMINISTRATION

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Superintendent of Schools

Mrs. Diane Provvido
Asst. Superintendent for Curriculum, Instruction & Research

Dr. Jill DeRosa
Asst. Superintendent for Human Resources, Student Services and Community Activities

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FAMILY STEAM DAY

Place

Oceanside Middle School and Boardman Elementary School Complex

Date

November 18, 2017

Time

8:30am-12:00 Noon

An Oceanside UFSD event assisted by the parents, students, teachers, staff, and administration of the Oceanside School District

PARTICIPANT INSTRUCTIONS

Family STEAM Day

November 18, 2017

Oceanside School District

**PLEASE READ ALL INFORMATION CAREFULLY
BEFORE FILLING OUT THE REGISTRATION FORM.
PLEASE SAVE THESE INSTRUCTIONS!**

Family STEAM Day is intended to provide an exciting and adventure-filled day of learning for children in grades K-6 with their parents. Opportunities are provided for children to explore WITH their parents some of the wonders of science, technology, engineering, art, and mathematics.

Workshops and other activities are offered with the hope of bringing to light an interesting area of science, technology, engineering, art, and mathematics. Participant families will attend three workshops.

You **MUST** register your child for the event. See page 9.

You may list your workshop preferences. **Please understand that with the large number of families attending, it will not always be possible to give you your first choice.** Early registration will increase your chances of getting your first choice. We will close registration when the maximum number of participants that we can accommodate has been reached. *When you arrive on the day of the event, you will receive a packet indicating which workshops you will be attending.*

Every child or pair of children must be accompanied by one or two adults. *Children at different grade levels should register separately with an adult for each.* (Two registration forms are included on the same page for this reason.)

This event is financially self-supporting (as has been the practice with similar events sponsored by professional organizations) and offered in conjunction with Oceanside Community Activities. The registration fee for the event is \$30 for a family of 2-4 people. This includes two children attending different workshops. The cost for an additional child or adult is \$5 per person.

Complete the registration form **TODAY** with a check made payable to **Oceanside UFSD** for the appropriate fee. Mail your check and registration form on page 9 *no later than Friday, October 27th*, to:

DEPARTMENT OF COMMUNITY ACTIVITIES
ATTN: FMSTD
125 MERLE AVENUE
OCEANSIDE, NY 11572

PLEASE TURN THE PAGE FOR FURTHER INSTRUCTIONS

WHEN YOU ARRIVE AT OCEANSIDE MIDDLE SCHOOL ON NOVEMBER 18th

Enter through the Middle School main entrance and pick up your participant folder at the registration desk. Included will be workshop assignments, a map of the building, last minute information, and contest information.

Children can work on the contests before the first session with help from their parents. Tables will be set up where the children can view aspects of the contests and deposit their solutions. Winners will be announced during Session 3 and prizes for correct answers will be available in the main office.

The PTA will have a concession where coffee, juice and snacks will be available to purchase.

Committee members and student helpers will be on hand to assist you.

| FAMILY MATH, SCIENCE & TECHNOLOGY DAY SCHEDULE | | | |
|--|--|------------|------------|
| | GRADES K-2 | GRADES 3-4 | GRADES 5-6 |
| 8:30 - 9:00 | Registration Contests & Raffles in Cafeterias | | |
| 9:00 – 10:00 | Workshop 1 | | |
| 10:00 – 11:00 | Large Venue – Bash the Trash presents: <i>Junksters</i> | | |
| 11:00 - Noon | Workshop 3 | | |
| Noon | Prize Pickup (in contest area) Hand in evaluation forms | | |

PLEASE SAVE THESE DIRECTIONS

If it is necessary for you to cancel, please notify Tara Mauer, as soon as possible *prior* to the date of the event. We will refund your money and register someone who has been closed out. ***Refunds will not be given for absentees.***

If there is a need to contact the site **on the day of the event**, the phone number is **678-8518**. This is the main phone number for School 9M.

If you have any questions **prior to the event**, please contact Mrs. Mauer at **678-1269**.

***We hope that you will find the day
a rewarding and fun-filled family experience!***

The FMSTD Planning Committee

Bash the Trash Presents:

THE

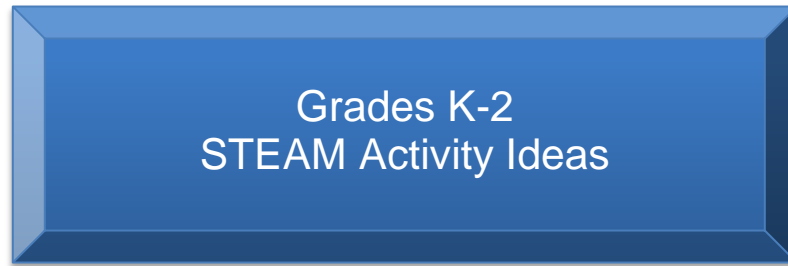


The Junksters features rockin' songs on crazy instruments built from trash; a family-friendly and audience-participatory performance that is sure to entertain as they educate. It's Science, Sound and Sustainability meets Roots with Grit!

Junksters will have your family laughing, singing and dancing along! The music is drawn from 25 years of continuous performing, and spans genres as well as generations for total engagement.

WORKSHOPS

Family STEAM Day
November 18, 2017
Oceanside School District



Workshop 101 **Exploring Volcanoes**

This is an easy, classic and fun way to introduce science to young children. Conduct an experiment alongside your child that will peak their interest while teaching them that science can be fun.

Julie & Gregory McGahan, School # 6

Workshop 102 **Magnetic Moments**

Let the force be with us! Do you know what happens when magnets are near? Come learn about the invisible attraction.

Rhona Kahn & Carol Stoger, School # 6

Workshop 103 **Build the Tallest Structure**

Test your engineering and design skills to build the tallest structure using cups and wooden cubes.

Joanna Kletter, School # 4

Workshop 104 **Will it Float? Will It Sink?**

Design an aluminum foil boat to hold the most counting bears.

Jessica Keegan, District Administrator

Workshop 105 **Bubbles**

Play with bubbles at four interactive stations and learn more about their unique physical properties. Make bubble wands, bubble prints, and bubble shapes. Become a bubble scientist! Find out why a bubble is round and explore bubble colors.

Beth Castiello, School # 3

Workshop 106 **Building the Tallest Structure**

Test your engineering and design skills to build the tallest structure using cups and wooden cubes.

Diane Provvido, District Administrator

Workshop 107 **100 Toothpick Challenge**

Are you up to the challenge of creating a free-standing tower using only 100 toothpicks and gumdrops? Explore construction and engineering as you design and build your structure using limited materials and a creative mind!

Corrine Protasiewicz, School # 2

Workshop 108 **Marshmallow Fun**

When most people hear the word "marshmallows," they think of roasting them at campfires and eating them in s'mores. Have you ever thought of building amazing 3D shapes with them? In this workshop, you will use marshmallows and toothpicks to create unique structures that will bring your imagination to life!

Aarti Shamin, School # 2

WORKSHOPS

Family STEAM Day

November 18, 2017

Oceanside School District

Grades 3-4 STEAM Activity Ideas

Workshop 301

Making Music in the iMac Lab

Create music on the iMac computers using Garage Band software.

Burn your recorded music to a disc and play it anywhere!

Steve Martin, Oceanside Middle School

Workshop 302

Green Screen Fun

Have you ever wondered how special effects were done in the movies? Stop by our special effects station to learn about green screen. Students will be able to learn how a green screen works and can see themselves flying like superman or walking on a distant planet among other surprises.

Audrey Miller, Oceanside High School

Workshop 303

Paper Helicopter Challenge

Your challenge is to design a helicopter using only paper, scissors, and paper clips! Can you do it? Use your science and engineering skills to build and alter your helicopter to make it spin further, faster, or even change direction!

Victoria Schoen, School #3

Workshop 304

Make It Happen in Maker Space

Wondering, tinkering, and building...Oh my! Come join us for a hands-on Maker-Space experience as you explore Keva Planks, Magformers, and more!

Scott Bullis & Deana Maresca, School # 5

Workshop 305

100 Toothpick Challenge

Build the tallest structure using 100 toothpicks and a cup of gumdrops.

Dr. Allison Glickman-Rogers, Oceanside Middle School

Workshop 306

Cool Science: Fun with Dry Ice

Few things can equal the excitement of the cool, magical science that can be accomplished with dry ice.

There's just something captivating about a substance that is so cold that it burns -- and changes from a solid into a gas without ever becoming a liquid! You'll create bubbles that smoke, make a crystal ball out of bubbles and produce eerie layers of fog that float above the ground--just like in the movies.

Susan Bruno, School # 4

Workshop 307

Dazzling Kaleidoscopes

Create your own kaleidoscopes and see all of the colorful patterns that are created from the light.

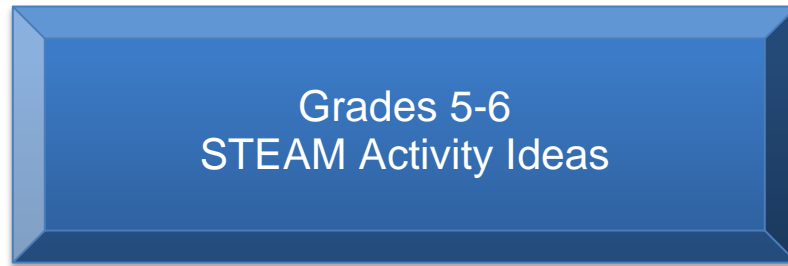
Jackie Hughes, School # 2

WORKSHOPS

Family STEAM Day

November 18, 2017

Oceanside School District



Workshop 501

Making Music in the iMac Lab

Create music on the iMac computers using Garage Band software.

Burn your recorded music to a disc and play it anywhere!

Steve Martin, Oceanside Middle School

Workshop 502

Bridge Building

Engineer your own bridge using nothing but straws and tape!

Allison Kryder, Oceanside Middle School

Workshop 503

Paper Helicopter Challenge

Your challenge is to design a helicopter using only paper, scissors, and paper clips! Can you do it? Use your science and engineering skills to build and alter your helicopter to make it spin further, faster, or even change direction!

Victoria Schoen, School #3

Workshop 504

Save DC's Password List

Noncop E. Wright has stolen Captain DC's passwords and is threatening to send them to the super shredder. Captain DC is so embarrassed that he hid his passwords in such an unsafe place (under his pillow) that he is refusing to come out of his room. Join our group and help us rescue Captain DC's password list!

Suzanne Dwyer, Oceanside Schools

Workshop 505

Is it Rocket Science?

You don't have to be a rocket scientist to build and launch rockets. Come build and launch your very own rocket! See how high it flies! Can you predict how high it will fly?

John Gangi, Oceanside High School

Shark Guts and Us 506

From the outside, we are very different from sharks and fish. In this workshop we'll dissect both sharks and fish and explore all of the ways that we are alike on the inside. Compare the internal anatomy of humans, sharks, and fish.

Mark Gary, Oceanside High School

REGISTRATION FORM

Family STEAM Day

November 18, 2017

Oceanside School District

Use one column to register 1 or 2 children with 1 or 2 adults who will all attend the same workshops. Complete the other column if you are registering another child and adult at a different grade level.

GRADE LEVEL (CIRCLE ONE) K 1 2 3 4 5 6

CHILD 1 _____
Last Name First Name

CHILD 2 _____
Last Name First Name

ADULT 1 _____
IMPORTANT*****Last Name First Name

ADULT 2 _____
Last Name First Name

ADDRESS _____
Street

City/Town Zip

PHONE # _____

TEACHER OF CHILD 1 _____

TEACHER OF CHILD 2 _____

SCHOOL (CIRCLE ONE) #2 #3 #4 #5 #6 #8 #9E

LIST THE WORKSHOPS THAT YOU WOULD LIKE TO ATTEND
(PLEASE SELECT THOSE AT YOUR GRADE LEVEL)

GRADE LEVEL (CIRCLE ONE) K 1 2 3 4 5 6

CHILD 1 _____
Last Name First Name

CHILD 2 _____
Last Name First Name

ADULT 1 _____
IMPORTANT*****Last Name First Name

ADULT 2 _____
Last Name First Name

ADDRESS _____
Street

City/Town Zip

PHONE # _____

TEACHER OF CHILD 1 _____

TEACHER OF CHILD 2 _____

SCHOOL (CIRCLE ONE) #2 #3 #4 #5 #6 #8 #9E

LIST THE WORKSHOPS THAT YOU WOULD LIKE TO ATTEND
(PLEASE SELECT THOSE AT YOUR GRADE LEVEL)

We will do our best to give you at least one of these choices!

TOTAL FEE: _____ \$30 FOR UP TO 2 CHILDREN AND 2 ADULTS (EVEN IF TWO COLUMNS ARE USED).
\$5 FOR EACH ADDITIONAL PERSON.

Make check payable to OCEANSIDE UFSD for the appropriate fee. Mail to: Department of Community Activities, Attn: FMSTD, 125 Merle Avenue, Oceanside, NY 11572, no later than Friday, October 27th. Use only ONE envelope per family.

Please indicate on the back of this form special needs that may be necessary to accommodate your child.
Thank you for participating in this worthwhile event.

FOR OFFICE USE ONLY

AMOUNT PAID _____ # OF REGISTRANTS _____ CHECK # _____ RECEIPT # _____ RCVD BY _____

REGISTER EARLY!
FILL OUT THE FORM TODAY AND
MAIL IT TO DEPARTMENT OF
COMMUNITY ACTIVITIES BY
OCTOBER 24th.

Workshops may be cancelled due to under-enrollment. Additional workshops, not listed in the program, may be offered if the need arises.

Every child
must
be accompanied
by at least one adult!

**MAKE SURE TO INCLUDE
THE ADULT'S NAME ON THE
REGISTRATION FORM**

PLEASE INDICATE ANY SPECIAL NEEDS BELOW

SPECIAL “THANK YOU” TO

The Superintendent, Asst. Superintendents and the Board of Education for their support;

The PTAs from all of our schools for contributing their time and effort;

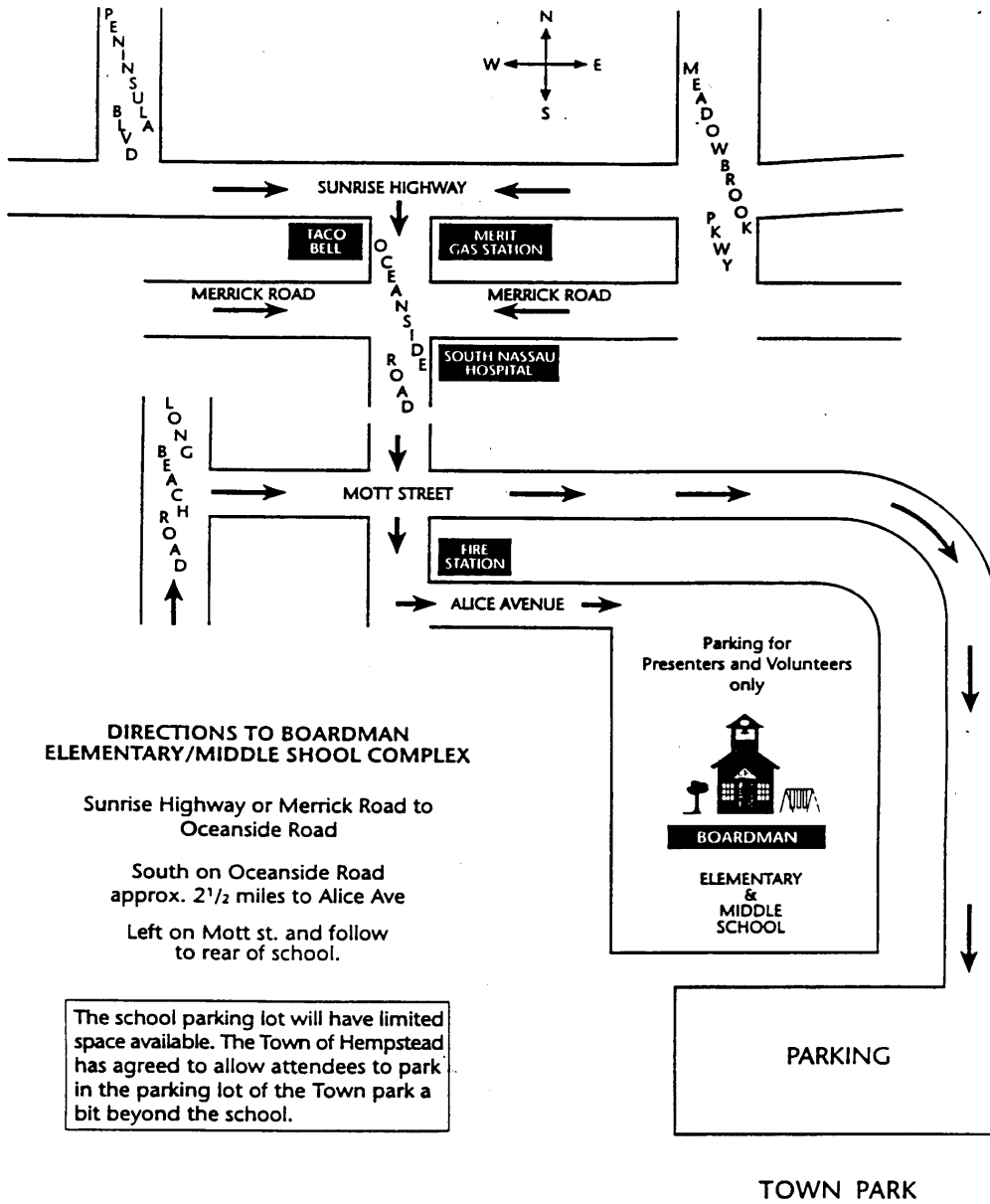
The teachers, staff, administrators, and community residents who are members of the Planning Committee;

The students who are volunteering to help put this day together;

The vendors who are making generous contributions of goods and services;

And especially to the workshop presenters for sharing their time, knowledge, and expertise.

**DIRECTIONS TO
Family STEAM Day
November 18, 2017
Oceanside School District**



The school parking lot will have limited space available. The Town of Hempstead has agreed to allow attendees to park in the parking lot of the Town park a bit beyond the school.

SAVE THIS BROCHURE