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

Family STEAM Day

(Science, Technology, Engineering, Art, & Mathematics)

February 8, 2020

Art work by Carolyn Sparacio, Grade 6 Student at School # 4

Register TODAY!
Save this brochure!
Dear Parents,

On Saturday, February 8th, 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 February 8th!

Sincerely,

Phyllis Harrington, Ed.D.
Superintendent of Schools

---

**FAMILY STEAM DAY**

**Place**

Oceanside Middle School and Boardman Elementary School Complex

**Date**

February 8, 2020

**Time**

8:30 am - 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
February 8, 2020
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 using the following link: https://forms.gle/UNVyjZFv7AxpTk87

You may list your workshop preferences when completing the digital form. 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. (If you are registering more than two children, you will need to complete the form multiple times.)

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 digital registration form TODAY. In addition, to finalize your registration, you will need to send a check made payable to Oceanside UFSD for the appropriate fee. Mail your check to the Department of Community Activities or send it in with your child in an envelope marked “Family STEAM Day” no later than Friday, January 10th, 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 FEBRUARY 8th

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.

<table>
<thead>
<tr>
<th>FAMILY MATH, SCIENCE &amp; TECHNOLOGY DAY SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GRADE K-2</strong></td>
</tr>
<tr>
<td>8:30 - 9:00</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>9:00 – 10:00</td>
</tr>
<tr>
<td>10:00 – 11:00</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>11:00 - Noon</td>
</tr>
<tr>
<td>Noon</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

*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 Family STEAM Day Planning Committee
The ultimate combination of low and high tech. Found-object sound sources (trash) are sampled, manipulated and transformed through science and technology into danceable beats. Along the way we’ll address issues of sustainability and plastic pollution, acoustics, and music production. Students will learn how studios work with sound to create sound effects, as well as how DJs layer sounds to create electronic dance music.
WORKSHOPS
Family STEAM Day
February 8, 2020
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.
Allison Glickman-Rogers, Principal, Oceanside Middle School, & Kristin Lamparello, District Administrator

Workshop 102
How Good Are Your Eyes?
Can you follow along? Popsicle Sticks + Yarn = Hours of Weaving Fun!
Frank Zangari, Principal, School # 8 & Frankie Zangari, Dr. Zangari’s son

Workshop 103
Build the Tallest Structure
Test your engineering and design skills to build and improve structures to meet challenges (tallest, widest, coolest) using cups and wooden cubes.
Jessica Keegan, Director of Elementary Teaching & Learning, Oceanside Schools

Workshop 104
Will it Float? Will it Sink?
Design an aluminum foil boat to hold the most counting bears.
Roseann Schiller, School # 2

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.
Diane Provvido, Oceanside Schools, Assistant Superintendent of Curriculum, Instruction, & Research, & Beth Castiello, Principal, School # 3

Workshop 106
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!
Michelle Mastrande, Assistant Principal, Oceanside Middle School

Workshop 107
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! This is the perfect engineering activity for little builders!
Erin Marone, Principal, School # 2 & Kaitlin Vidafar, School # 2
**Workshop 301**  
*Ready, Set, Glow!*  
Dive into the mysterious environment of the deep sea as you learn about bio-luminescent animals through slides and pictures, glowing models, and demonstrations.  
*Cornell Cooperative Extension*

**Workshop 302**  
*My Winter Break*  
Interactive activity where students learn the value of money associated with their favorite winter activities.  
*Lisa Strahs-Lorenc & Rhonda Ich*, Equity First Foundation

**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 Rafter*, School #3

**Workshop 304**  
*Harry Potter Breakout Room*  
You have been given detention by Professor McNair. It is rumored that the last student that was given detention by Professor McNair was forgotten in her office while the quidditch lying professor enjoyed herself at the quidditch game. The poor girl was never seen again. Can you escape professor McNair’s office so the same fate does not befall?  
*Suzanne Dwyer*, Oceanside Schools

**Workshop 305**  
*Crustacean Exploration*  
Live Crustaceans in your classroom! Explore the unique specializations of lobsters and their crabby relatives, including hermit crabs, Asian shore crabs, barnacles & shrimp.  
*Cornell Cooperative Extension*

**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
February 8, 2020
Oceanside School District

Workshop 501
100 Toothpick Challenge
Build the tallest structure using 100 toothpicks and a cup of gumdrops!
Tina Pumo & Mary Weber, School #3

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 Rafter, School #3

Workshop 504
Harry Potter Breakout Room
You have been given detention by Professor McNair. It is rumored that the last student that was given detention by Professor McNair was forgotten in her office while the quidditch lying professor enjoyed herself at the quidditch game. The poor girl was never seen again. Can you escape professor McNair’s office so the same fate does not befall?
Suzanne Dwyer, Oceanside Schools

Workshop 505
Marine Reptiles and Their Land Buddies
Discover what makes a reptile a reptile and what adaptations these creatures have to help them survive in some of the world’s most unique environments. Reptiles from marine environments are covered, along with some of their terrestrial counterparts. Participants will be able to pet live reptiles such as a ball python, corn snake, bearded dragon, painted turtle and a diamondback terrapin.
Cornell Cooperative Extension

Workshop 506
My Winter Break
Interactive activity where students learn the value of money associated with their favorite winter activities.
Lisa Strahs-Lorenc & Rhonda Ich, Equity First Foundation

Sensational Sharks 507
Explore the biology and ecology of these fascinating creatures and learn about conservation efforts to save these misunderstood predators. Touch shark jaws, eggs, teeth, and other artifacts as you learn some fun facts about these top oceanic predators.
Cornell Cooperative Extension
Every child must be accompanied by at least one adult!

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

REGISTER EARLY!
FILL OUT THE DIGITAL FORM TODAY AND MAIL A CHECK TO DEPARTMENT OF COMMUNITY ACTIVITIES BY JANUARY 10th.
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 BOARDMAN ELEMENTARY/MIDDLE SCHOOL COMPLEX

Sunrise Highway or Merrick Road to Oceanside Road

South on Oceanside Road approx. 2½ miles to Alice Ave
Left on Mott St. and follow to rear of school.

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