PEARL HOMES CONTINUED

Lago Mar Barbara B. Walker Rhonda Rechkemmer

Lake Shores Chris Ler C. Valleroli Abby Balderson Michelle RedBow

Lakeview
Carolyn Weems
Courtney Mickiewicz
Daniel & Sarah Miles
Jane Mitchell

Lakewood Linda David

Larkspur Thomas B. Cunningham Erica Whitley Cheryl C. Dzengeleski

Linkhorn Laura Lilieberg Betsy and Dave Goode

Linlier Mary K. Sawyer Little England Elear & Bill Brown

Little Neck Amy and Scott Goodove Feliberti Family Bryan Rex Daryl Mitchell

Lynnbrook Landing Matt Froestad

Lynndale Estates Jennifer Teague

Lynnhaven Colony
Donna Rennick
Wayne Bryan
Beverly Boler
Lauren McGill
Joseph Pierzynski
Scott & Camela Lowery
Elmer Quinn

Lynnhaven ForestJohn & Rebecca Saunders

Lynnhaven WoodsJosie Sprague
Ken & Diana Veazey

Joseph Miller

Malibu Nicholas & Barbara Kimpan Marina Shores

Tyler Carmack

Mariner's Landing

Ali Fortier
Matthew's Green

Debbie Henslee

Meadow Ridge
Richard Fleming
James & Jackie Butler

Middle Plantation
Jing He

Jing He Monica Roestenberg Scott Levin Mary Schulte

New Castle Mary B. Phillips Newsome Farms William Harmor

Nichols Park
David Dirlam
North End

Susan Ippolito Laura Yoakam Sande McLaughlin Holly Korte Christopher & Victoria Vacaer

Maria Miglioretti
Mr. & Mrs. Tommy Drew
Carol & Michael Dovan
Katie Hand
Kristin Isfeld
Janet Azar
Gayle Johnson

F. Ďudley & Connie Fulton Diana M. Shocket Elizabeth Heischober Oak Springs

Dan Porter
Ocean Lakes

Tyra Joyce Worthey Tagen Sirk Hailey Evans

Ocean Park
Tim Solanic
Adam Farmer
Rachel Clark
Joanne & Todd Parker
Dione Boecker
George Jones
Marian Atterberry
Rob & Melissa Waddell
Mike Namisnak
Jennifer Concepcion

Oceanfront
Stafford Craymer
Overlook Point
Chantel Firman

Chris Lana

Pecan Gardens Juanita M. Demastus

Pelican Dunes Lisa Doyle Myra Jessie Flint

Pembroke Deborah Cassa Jennifer Eller Amber D'Antoinio Amber Lovejoy Mary

Pine Meadows Ryan Quinn

Pine Ridge Meghan Raftery Karen Serogylos Janet Zitt

Piney Lakes Misty Pena Plaza Debbie Barrigar Point O'View Elyana Rose Poplar Halls

Heather Ure

Port Lock Mr. & Mrs. Chris Brumm

Port Lyautey Cynthia Lesch Princess Anne Hills Kevin & Elizabeth Hartz

Princess Anne Plaza Cydnee Nichols Denise Read

Pungo Barbara Henley Reagan Woods

Shann & Ronnie Leonard
Red Mill
The Clevenger Family

John & Catherine Fruit

River Oaks
Whitney Eiban
Robin Hood Forest
Marsha Wallace

Rock Creek Cheryl Amblin

Rolling Wood Wendy & Billy Thompson

Rose Hall Mavion Sofield

Salem Robyn Toran Danielle umon Alacia Nixson

Sandbridge Richard Dyer Sandler Lake Tim & Paige Barrow

Sea Breeze Farms Sonya McKechnie

Shadowlawn Christy Alire Jim Perkins Tom Stahl

Shelton Circle
Jill Johnson
Sherry Park
Randall & Doris Wiele

Sherwood Lake Megan Doty

Shore Drive Trey Riddle Mattie & Jim Gallagher

Shorehaven David & Isabel Lillard Traci Wagner

South Beach Apartments Sandy Sumerlin South Shore Estates

Stephanie Dorsett Mike Caffyn Southhall Quarter Nancy Pond Southern Points

Robin LaVigne Laurie Cumming Lilla Kuper Strawbridge

The Henderson's

Summerset Lake Denise Flocker

Thalia
Amy Perkins
Russ Hechinger
Betty Anne Ward
Lynn Holmbeck
Carolyn & Bill Scullion
Stephen & Gretchen Benda

Thoroughgood
The Jabs Family
Marianne Littel
Mark Tyler
Heather Hallberg

Timberlake Maadira Mobarak Regina Diacopoulos

Trant Berkshire
Shana Lin
Rebecca Chappell
Wellington Woods
Christine Gorman
Bill Buck
Joanie Grimes
Willoughby
Sasha J. Owen

Wimbleton on the Bay James Burritt

Windsor Oaks
Mary Sims
Lily Popovich
Theresa Stogner
Elicarl Orogo
Mandi Fisher
Carrie McGuire
Jackie McPherson
Mackenzie Santo Domingo
Barbara Jones
Haleigh Reitzel

Windsor Woods
Beth Bailey
Jordana Byrd
Rebecca & Rory Belton
Kristy Rotolo

Witchduck Point Sandra Etheridge

Wolfsnare
Jennifer Belak
John & Kelly Fabre
Woodbridge Pointe

Peggy Tallon

Woods of London Bridge
Kathleen Hamel

No Neighborhood Given
Marylynn Morales
Cuc Shi
James Bonds
Stephanie Rulier
Rhonda Lucas
Kern Penini
Katie Thibault
Linda Morrissey
Kathleen Payton
Alexandria Ayala

Finding "Pearls" in the SOLs

his was a banner year for Pearl Schools! We added nine new schools and now have a total of 58 schools that proudly display the Pearl Schools Banner. Some schools accomplish this by taking part in large programs like "Oyster Gardening" or "Growing Wetlands in the Classroom," while others build and maintain gardens on their school grounds. Still others add sustainability and environmental education to their lesson plans, thus adding Pearl School Points just by teaching the Virginia Beach curriculum. Three such schools are highlighted below:

OCEAN LAKES HIGH SCHOOL

For the teachers and students at Ocean Lakes HS, getting the Pearl School Award is a school-wide project that cuts across many disciplines and ties in nicely with the SOLs and Virginia Beach Objectives.

The teachers at OLHS have found that they can earn points by being a little creative in the way they teach their classes, and by using recycled and repurposing materials in their activities. The PE classes re-used materials to build sustainable cities, clothing and accessories; while the Fashion Marketing teacher had students use recyclables

and trash to design and model outfits at the "Lynnhaven Mall Trashion Show." Advanced Art and Sculpting classes used old chairs for an art project and other art classes made use of magazines for self-portrait collages.

Like many schools, Ocean Lakes took on the challenge to educate staff and students about what should and should not be in recycling bins. They went one step further by enlisting the help of the Special Education students to carry out the Green Cup Recycle Challenge. During the fourweek Challenge, the school competed for Bin Points by "recycling right" – improving recycling compliance rates and decreasing contamination. Bonus Points could be earned for additional waste reduction efforts such as composting or paperless communications. Weekly bin surveys provided instant feedback on recycling efforts and gave them an opportunity to hone their math and writing skills in a real world situation.

For many years Ocean Lakes High School's AP Environmental and Earth Science teachers have used the wetland plants from the Growing Wetlands in the Classroom as a teaching tool. This year, Laura Woods (AP Environmental) decided to take the program to a new level by having her students use the plants to solve a problem dealing with storm water management. The students built a floating wetland to place in a containment pond at the Hampton Roads Sanitation District (HRSD). With help from HRSD and LRNow, the PVC pipe platform is making use of wetland plants to clean and filter the water in this pond. *Continued on page 2*



WINTER 2015 NEWSLETTER

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LANDSTOWN MIDDLE SCHOOL

Thanks to the efforts of their mentor, Brent Horner, from Landstown HS and the hard work of all the staff and students, we are proud to welcome the addition of Landstown Middle School as a Pearl School. Landstown has added a special room to their school called the STEM room. This room is stocked with old appliances and computers that the students can disassemble and reassemble. These appliances, that normally would be filling the landfill, are giving students a chance to learn first-hand the scientific principles that make them work, helping them to master skills needed to succeed in the 21st century and encouraging the students to become creative thinkers. In another part of the building, Art students made use of old newspapers and other trash to create a way to educate students about trash that pollutes our waterways.

During Landstown's S2 Night-Sustainability and STEM Night, students showed off their projects that work to promote a culture of sustainability and incorporate engineering design processes. This included their robotics team, the Earth Savers Club and a "Trashion Show."





With students taking part in the Tidewater Science Fair, Save the Bay Day, on-going recycling efforts and Adopt-A-Spot, it was easy for Landstown MS to get all the points they needed to become one of our newest Pearl Schools. Congratulations!

BROOKWOOD ELEMENTARY SCHOOL

Brookwood ES became a Pearl School for the first time last year. This year they continued as a Pearl School by weaving sustainability and environmental education across the disciplines and the grade levels. Kindergarteners learn to reuse their milk cartons as planters, and used them to plant flowers to give their families on Mother's Day.

The Art teacher created lessons plans that incorporated the use of re-useable materials and natural materials. Such projects included:

- Kindergarteners making, "biodegradable snowmen" from cornstarch and packing peanuts
- First graders learning about the "Ecosystem of a Garden" and then painting with natural paints made from berries
- Chinese New Year's dragon puppets were made from trash from the cafeteria
- 4th graders created cardboard animal sculptures

Students in the Music classes learn to make instruments from cast-offs. They used brake drums for percussion and paper towel tubes to make shakers.

Grades 1-5 read books and did projects dealing with the three Rs (Reducing, Reusing and Recycling) and then adding the 4th R (Reinventing) to the list.

The fourth graders took part in "Blue Money," a multi-discipline unit on sustainability that combined information literacy, math, science and social studies skills to explore sustainability issues in major river systems.

Lastly, the end of the school year was celebrated by having a Pizza Garden Party using herbs grown by the students in their garden.



As you can see, Pearl School Points can be earned just by teaching with a little imagination and infusing lessons with real world experiences that teach the importance of taking care of the resources we have been given. "Being Green" and "Sustainability" may just seem like current buzz words, but for 58 schools in Virginia Beach, they are deeply embedded in the way they teach and act, both inside and outside their school grounds.

NEW PEARL HOMES

JUNE 16, 2014-DECEMBER 31, 2014

We surpassed our goal of 2014 Pearl Homes by the end of 2014! The winner of the new Pearl Home drawing for tickets to our 2015 Oyster Roast is BRIAN BECKSTED of Kings Grant. Congratulations to Brian and to all of our new Pearl Homes. If your flag is faded or torn, please bring it in to our office and we will give you a bright and shiny new one.

Aeries on the Bay

Nick von Gersdorff Kimberly K. Sykes Christina Whitney

Alanton

Sue Beth Hudson & W. Kevin Hunt

Albemarle Acres Jonathan Scheetz II

Aragona

Alena Waskey Jane Copeland Luisa Burroughs Lisa Athinson

Back Bay Tanya Ray

Battlefield Tyler Bucheister

Bay Colony

Esther Vaughan

Bay Island Joshua Darrow **Ned Salyer** Sandra Í. Wetmore Gail C. Hirder Colleen Drinkard Kathy Maston Trish Mailand

Baycliff

Ruth Ciavarra Rose Bing Margaret Simmons

William Schlemmer

Baylake Pines

Nila Faison Jill and Troy Ivie

Bellamy Mar Estates Deaner Lawless Jr. Susan T. Mayo

Bellwood Meadows Jackie Collins

Bethesda, MD Irene Staver

Ann Farr

Bowcreek **Charles Monts**

Brigadoon Rebecca Armbruster Stan & Pat Winner

Brighton on the Bay Heidi Houston

Broad Bay Island Joanne Filion Mark & Beth Anderson

Renate Foxwell

Broad Bay Point Greens Susan and Stephen Coughlin

Brookegreene Commons Cristin Pullman

Buckner Farms Jane Maramba

Camelot at Deep Creek Lydia P. Villanuevo

Campus East Melinda Luchun Susan Gunn

Cape Henry Shores Tom and Ann Mooney

Cape Story by the Sea

Jessica Hutton Robyn House Tosh Cohoon Mark A. Moore, Sr. Ian Barford Cathie Sykes

Linda Bawcon **Cardinal Estates**

Christina Brown **Carolanne Farms**

Jim Butcher

Castleton Roger and Donna White Cindy Moye

Cedar Lake Shore Christy Jordan

Chapel Lake

Chris Bradford **Charlestowne Lakes South**

Debbie DeLugo Selene Guerrero

Chesapeake Beach Jeanine and Gaylon Montgomery

Chesapeake House on the Bay Conr McGehee

Chesire

Colleen Carter Chick's Beach

Adeline & Stewart Smokler Paul & Natalie Petsu Carl & Julie Sterzing Amber Morris-Carr Maureen Dotson Kathy & Neal Miller Jonna-Dawn Walker **Chimney Hill**

Keesha Shields Theresa Auans

Christopher Farms Susan Moore Jackson Hartman **Church Point**

Kiran Lall-Trial

Colonial Acres Judy Younger

Courthouse Estates Lance Oubre

Coventry Michelle Pickens

Croatan Colleen Johnson

CSBS Jim Leary

Cypress Point

Tracy Johnson Arielle Mays **Diamond Springs**

Julie Berry **Dominion Pines/Riverwalk**

Elizabeth A. Mehek **Fairfield Forest**

Jo Hagerty Foxfire

Nell Tucker

Gatewood Terri Zarella

Glenwood Cara Varela

Gracetown Hawkeye man

Great Neck Meadows William T. Tucker

Great Bridge Sherri Stein

Great Neck Carolyn McPherson Joy McClanahan

Great Neck Farms

The Dinges Family Linda A. Weed Arlene Wallfred

Great Neck Landing Michelle McGowan

Great Neck Meadows Lillian Cooper Sarah Turgeon Jennifer Burch Karen Witham Charlie & Lauren Bolen MB Clark Amy Grogan Melissa Disher

Great Neck on the Bay Revanth Renukunta

Green Lakes Daniel Hazelwood



Green Run Ellen Barton

Rick Tassone Sam Turner Laura Alspaugh Jennifer Roberson **Emily Kotter** Lisa Domalewski

Harbor View Jeff Holste Jeff Stonich

Heritage Point Alfred Pretzl

Hickory

Megan Hord **Holland Meadows**

Cassie Dayag **Hunt Club Forest**

Michelle Bailey-Pittman & Patrick Pittman **Indian Pointe**

Amy Meader

Ingleside Karin D. Grice

Kempsville Ann-Marie Sander Jodie Koch Aaren Dance

Daniel Maas Dianne Kucharczk **Candace Blanton** Jill Wright

Kings Forest Jamie Young

Marie T. Culver

Kings Grant Alicia Mangels Linda Spalding

Erin Leavitt Leavitt Geoffrey Gosik Courtney Reitzel Brian Becksted Chad Foltz

Savannah Pierce