

Cobb County Green School Initiative

2017/18 Report



The Cobb County Green School Initiative is a cooperative effort between Cobb County Water System, Keep Cobb Beautiful, and the Cobb County Parks and Recreation Natural Resources Unit. The initiative was designed to recognize Cobb County schools who demonstrate a commitment to environmental education. To qualify as a Green School, a school must have at least 5 teachers receive Green Classroom designations, by completing 5 lesson plans or projects that help students learn about, protect, and beautify their environment.

This year 26 schools received Gold status designation, with at least 15 green teachers:

Addison Elementary, Baker Elementary, Belmont Hills Elementary, Big Shanty Elementary, Blackwell Elementary, Bullard Elementary, Chalker Elementary, Cheatham Hill Elementary, Davis Elementary, Due West Elementary, Ford Elementary, Hillgrove High, Kennesaw Charter Science and Math Academy, Keheley Elementary, King Springs Elementary, Lewis Elementary, McCall Elementary, Murdock Elementary, Nickajack Elementary, Pickett's Mill Elementary, Pitner Elementary, Russell Elementary, Still Elementary, Timber Ridge Elementary, Tritt Elementary, and Vaughan Elementary

7 schools received Silver status designation, with at least 10 green teachers:

Bells Ferry Elementary, Daniell Middle, Fair Oaks Elementary, Faith Lutheran Christian School, Green Acres Elementary, McCleskey Middle, and Mount Bethel Elementary

2 schools received Green status designation, with at least 5 green teachers:

Lovinggood Middle and Pine Mountain Middle

In total, **35 schools** received the Green School designation for the 2017/18 school year. These designations represent the work of **651 teachers**, with over **7,000 hours** of environmental education reaching more than **51,000 students**.

Activities Completed

Just a small sample of the many creative and original activities completed by our Green Schools this year.



Addision Elementary students celebrate being sworn in as Water Deputies after acting as Leak Detectives for Fix a Leak Week

Eco-Engineering

Budding engineers practiced their critical thinking and problem-solving skills by designing various projects, including a rain-barrel based irrigation system, water filtration systems, and erosion control devices. Students also participated in citizen science projects such as stream monitoring, and community service projects such as campus cleanups and leak detection.

School Gardens

Students designed, planted, and maintained various types of school gardens this year, including vegetable gardens, pollinator gardens, and flower beds. They used these gardens to learn about the needs of plants, plant life cycles, composting, and nutrition. Green Acres Elementary School received the first Real Gardens Grant in Georgia and created a multi-discipline garden.



Big Shanty ES students participate in a stream study with the Cobb County Watershed Stewardship Program



Middle school artists celebrate their artwork depicting the Value of Water

Earth Art

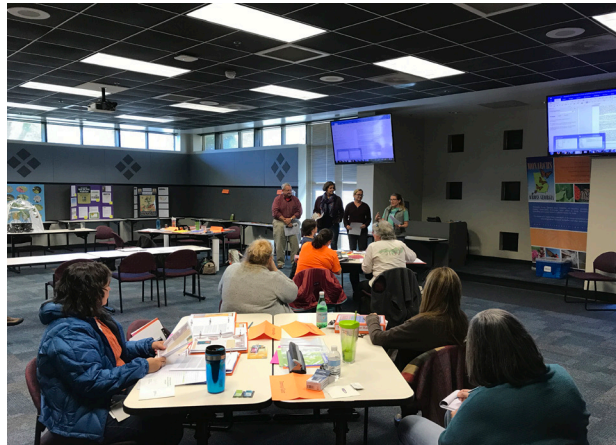
Many students participated in art contests like the *Allatoona Ally and Friends* coloring book challenge or the *waterSmart waterArt* calendar contest. Students also created artwork from nature, such as leaf prints, nature journals, and painted rocks for dry creek beds.

Activities Completed

Just a small sample of the many creative and original activities completed by our Green Schools this year.

Reading & Writing

Students practiced persuasive writing by participating in hands-on projects and reading a wide variety of books, including *The Lorax* and *the Long Walk for Water*. This connected students to real life environmental issues like the plight of honey bees and monarch butterflies.



Cobb Teachers learn about Monarchs across Georgia with WaterShed Stewardship

Mount Bethel students visit the Noonday Water Reclamation Facility and learn about wastewater treatment and the manmade water cycle



Environmental Infrastructure

Cobb students learned about the important role of manmade infrastructure in protecting the environment. Students visited Cobb's Wastewater plants, got to investigate the impacts of FOG and flushable wipes on our sewer system. Many students increased their STEM knowledge by building a water and wastewater system through the How Water Works Lesson and building Water Filters during the Filtration Station Lesson.

Green School Partner Programs

The Green School partners (Cobb Water Efficiency, Watershed Stewardship, P.A.R.K.S., and Keep Cobb Beautiful) presented a variety of lessons to Cobb students this year, including the *Brooke and Branch Puppet Show*, *Pollution Solutions* and *GA Habitats* programs, the *Trash Relay* recycling game, *Animals and Epiphytes*, and the *How Water Works* water treatment lesson, among many others.



Students learn about Water and Wastewater at the Children's water Festival.

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Green Innovation Award



The Green Innovation Award was created to recognize a school that has gone above and beyond the basic requirements of the Green School Initiative to create an innovative environmental program for its students or community. We are proud to present this year's Green Innovation Award to:

McCall Primary

In order to engage Kindergarten and first grade students in an environmental cause, McCall Primary turned to their mascot, the Monarch Butterfly. The butterfly garden was started to line up with the students' standards but has changed and developed with the students enhanced interests. The garden has grown to include flowers, vegetables and herbs. The students are learning the vital role plants have in meeting the needs of various animals and people.

The garden started to address the kindergarten and first grade standard about plants and animals. It was originally designed with only plants the butterflies could enjoy. Once the butterflies started to arrive the students became even more engaged in the vital role the garden had in the lifecycle of a Monarch. The teachers felt the next step was for the students to handle the hands on maintenance and expansion of the garden. The teachers made a rotating planting and watering schedule for the students. They continue this through the summer.

In a unique approach McCall teachers tied the kindergarten persuasive writing standard to the garden. The students were able to use what they had learned about the Monarchs and plants to write convincingly about the need to protect Monarchs.



Green Teacher List 2017/18

Addison ES - Gold

Julie Knobbe *
Carolyn Stoddard
Sherreen Bahr
Charlene Piper
Heather Lecroy
Holly Ross
Diane Lorenz
Stacey Van Syckle
Ashley Stanton
Cheryl shore
Laura Kloos
Lindsay Phillips
Catherine Newell
Kelly Rose
Carley Pizza

Baker ES - Gold

Kimberly Hutcheson
Paula Zaragoza
Arnetta Lewis
Heather Pearson
Jonna Metzger
Karen Kennard
Kim Eyrich
Kim Schweizer
Lindsey Geiger
Liz Estese
Loren Kelly
Melissa Allen
Miska Davis
Monica Wright
Sandra Aufderheide
Sandra Fortune
Stephanie Erni
Hazel Ford
Katie Robinson
Margarita Encinas
Stephanie Shamblin *
Sara Obanion
Margaret Hagan
Melissa Hacker
Kimberlee Collins
Tiffany Googe
Megan Elder

Baker ES - cont.

Courtney Hardin
Katie Wilke

Bells Ferry ES - Silver

Theresa Bass
Kimberly Sigsbee *
Melissa Dillard
Leslie Gaines
Valerie Wisniewski
Susie Gatlin
Angela Titus
Carol Love
Remonna Sears
Elizabeth Nastasi
Rebecca Baldwin
Martha Haas
Susannah Dickinson
Will Tyler

Belmont Hills ES - Gold

Grace Yoon
Melissa Weatherford *
Ashley Owenby
Alessandra Cresto
Rochelle Smith
Judy Brock
Crimson Rooney
Kimberly Benson
Kelly Spires
Kimberly Benson
Natarsha Miller
Nerlie Alexander
Stephanie Bookout
Marita Brinkman
Morgan Steines
Kristen Yarrington
Patrice Hill
Shante McClendon
Gina Trickett
Paula Powell

Big Shanty ES - Gold

Karen Taylor
Jamee Douglas
Jodi Wilder
Gay Crane
Felicia Berenger
Joyce Laudick
Erika Brown
Jennifer Hellman
Monica Burke
Lindsay Robichaux
Lauren Easter *
Karen Wright
Becky Gonzales
Emily Hutto
Shari Tucker
Amanda Janney
Evelyn James
Glenda Hutchinson
Sarah Dwelle
Kyle Norris
Robert Desin

Blackwell ES - Gold

Patricia Griffith *
Laurie Bradford
Katie Nelson
Gracy Griffith
Mary Pope
Laura Wheeler
Amy Chapman
Melissa McKeehan
Shirley Crosby
Hannah Vitale
Kathryn Collins
Jamie Huthinson
Lisa King
Dana Tyson
Janine Lock
Amy Bekemeier
Liz Chandler

Green Teacher List 2017/18

Bullard ES - Gold

Heather Clark
Jessica Braswell
Kendra Berry *
Brooke Beasely
Diana Rockefeller
Kaitlin Oden
Lauren Fann
Liz Kaufman
Magen Kittrell
Regan Robinson
Stephanie Hicks
Bonnie McKinney
Virginia Coalson
Katrina Gammell
Richelle Elkins
Amanda Hill
Ellen Adams

Chalker ES - Gold

Ashley Bellamy
Sara Hersch
Julie Phillips
Tara Guevara
Michelle Sessions
Brooke Gable
Keisha Gordon
Deborah Duncan
Chinita Allen *
Catheryn Lindsey
Alexis Velez
Tamara Bearden
Donna Hayes
Ginny Lyon
Sarah Kerley
Lamie Carberry
Karen Kraeger
Laura Lotterman-Richards
Kelly Needham
Leigh Pitner
Dbra Sherwin
Susan Rhone
Amy Scott
Cynthia Adam
Carmen Wilson

Cheatham Hills ES - Gold

Ashley Graziano
Jeanie Chambers
Brittany Duckworth
Gina Gullo
Monica Alicea
Lynn Ralph
Julie Traylor
Natasha Anderson
Toni Sutherland
Chelsey Brown
Teresa Eye
Rebekah Moss
Cindy Wagner
Kasey West
Becky Grove
Leighann Hull
Shelia Fisher
Christie Orton
Joni Mullinax
Tessa Whitus
Lindzey O'Brien
Leslie Riccard
Roxanne Spinks *
Cristy Ames
Kay Rigby
Marla Buro

Daniell MS - Silver

Kimberly Hunt *
Kerri Hirsch
Frances Hebb
Leighanna Engkaninan
Susan Cronin
Marianna Foxwell
Melinda Atkinson
Jane Wilson
Jennifer Rabbitt
Sara Harris
Gail Gigantino
Kanika Nolasco
Dana Turner
Rick Parker

Davis ES - Gold

Patricia Abel
Jennifer Carusone
Paris Campbell
Beth Knight
Melanie Jones
Molly Henson
Kim Schroeder
Tammy Tankersly
Megan Brent *
Melissa Pierce
Lara Quigg
Kathy Belongia
Nancy Parsons
Nora Sanders
Jillian Duncan
Kristen Stegall
Jennifer Bartlett
Paige Dobbins
Sarah Glass
Lisa Darrow
Joan Muzyka
Kenzie Winther
Lisa Gay
Laura Crittenden
Cassidy Lawson
Darleen Johnson
Jean Warnken

Due West ES - Gold

Karyn Eveler
Melinda Divelbiss
Susan Braddy
Kirsten Perla *
Erin Milton
Joanie Lewis
Holly Holston
Molly Torch
Jeanne Thome
Kristin Poole
Brandye Keasler
Michelle Lankford
Kelly Brennan
Laura Howerton

Green Teacher List 2017/18

Due West ES cont.

Paige Ullmer
Maureen Friesse

Fair Oaks ES - Silver

Elizabeth Dunlap *
Kaitlyn Caswell
Lisa Dance
Mi Kormos
Renee Gillen
Lori Rogers
Leyna Nguyen
Katherine Mathis
Charlene Kratz
Jennifer White

Faith Lutheran - Silver

Barbara Stoppelwerth *
Sue Doty
Jill Koch
Angie Rush
Julie Ogrinc
Cheryl Bruno
Kari Strehlow
Karen Arndt
Becca Ford
Karla Kraft

Ford ES - Gold

Christina Noblet
Claire Skinner
Heather Henslee
Jennifer LeClaire
Juliana Barnett
Kaley Lynn
Kara Kalra
Kimberly Anderson
Kristina Crimm
Linda Campisi
Mary Garrett
Molly Slayton
Stephanie Aldridge
Tara Jones

Ford ES cont.

Fran McMath
Kimberly Kunst
Shirley Trammell
Ashley Miller
Cynthia Edwards
Libby Mitchell
Kellee Strickland
Courtney Kelly
Melissa Hosey
Michelle Vance
Rebecca Goodman
Craig Hurley
Cherie Nix
Bethany Snyder
Stephanie Beckett
Nancy Justen
Todd Plunkert
Maria Hunt
Mary Nottingham
Jennifer Tillman
Michele Willis
Shawna Plunkert
Bonnie Fleming
Elizabeth Cunningham
Bramlett Micklow
Christine Garrison
Renee Hess
Lauri Cook
Laura Hargrove

Green Acres ES - Silver

Dung Nguyen *
Angela Kapella
Mae Hoskin
Susan Garrett
Monica Brooks
Ginger Hendrix
Allison Darling
Talita Dasaro
McKay Martin
Breanna McAlister
Judith Faison
Leeanee Hince
Valerie Thomas

Hillgrove HS - Gold

Connie Nelson *
Jeanine Allen
Nikki Bisesi
Terralyn Sherrod
Cindy Ford
Allyson John
Sarah Mereness
Cecily Abernathy
Rachel Kucera
Guy Catton
Donna Meeks
Rhoda Owolabi
James Ivey
Chantal Beugre
Leigh Steed

Keheley ES - Gold

Allison Johnson
Amy Judd *
Joanna Johnson
Melissa Orff
Othniel Campbell
Amy Germano
Brandy Mitchell
Charlotte Souter
Cheryl Dillon
Denise Black
Harriet Denny
Jennifer Nichols
Katie Biello
Stacey Fisher
Stephanie Lawson
Wendy Greenwald
Aletha Midkiff

Green Teacher List 2017/18

Kennesaw Charter - Gold

Christy Nichols
Leslie Healy
Tamra Beeler
Diana Godfrey
Michael Donnelly *
Sarah Walls
Nickie Lowery
Jessica D'Amato
Stephanie Quackenbush
Kylie Williams
Judy Cauthen
Tiffany Bagwell
Pamela Ritter
Michele Fann
Judy Cauthen
Clarence Jeffries
Brenda Haklik
Ms. Walker

King Springs ES - Gold

Joannah Shoushtarian *
Pamela Wilfred
Nicole Williams
Hannah McAlpine
Emily Atkins
Jennifer Ford
Chelsea Whitesell
Erin Georgeson
Heather Hodge
Mary Bencina
Joni Gaw
Katherine Messinger
Patricia Calvin-Thomas
Roslyn Anderson
Michele Bice
Sarah Burke
Alana Owens
Kristen Kraemer
Mandy Dixon
Abby Cheavas
Marilyn Brown
Jeanne Broadhurst
Martinique Perry

King Springs ES cont.

Susan Denney
Shay Grice
Beverly Garriga
Lily Denny
Karla Rozier
Rebecca Kriz
Carol Keasler

Lewis ES - Gold

Marylea Remkus *
Shelley Hartnett
Amanda Lovette
Kathryn Linpinsel
Donna Sills
Amy Boyette
Laurie Edwards
Anne Barnhill
Heather Charest
Randall Smith
Debra Collins
Lisa Fries
Ryann Henderson
Laura Layde
Kathy Richardson
Jennifer Nicklis
Kari Reeves
Rebecca Roberts
Kourtney Jones
Stephanie Fuchs

Lovinggood MS - Green

Rachel Wise *
Renee Skillman
Donna Bresnan
Janice Scoville
Rachel Ramsey
Dawn Castleberry

McCall Primary - Gold

Rosemary Rincon
Brittany Haugen
Erin Moore
Hannah Carmichael
Tiffany Chauvin-Kalfus
John Edwards
Lori Webber
Melissa Usrey
Sharon Wallace
Kelli Stagich
Lorri Skaar
Erin Ciaccio
Helena Lofton
Erin O'Brien Tompkins
Maureen Perry *
Angela Vazquez
Julianna Beck
Rachel Luna
Cassandra Martinelli

McCleskey MS - Silver

Annette Simpson *
April LaRue
Susan Reagan
Hannah Zboray
Kelly Sangster
Jeri Henry
Blake Wright
Megan Okeeffe
Doug Hale
Casey Wayne

Green Teacher List 2017/18

Mount Bethel ES - Silver

Maureen Mullins *
Vanessa Owens
Laura Ferguson
Gail lindsay
Cynthia Cabral
Angela St. Jean
Heather Mullins
Beth Norris
Stacye Fogel
Meredith Rockwell
Jody Greenwald

Murdock ES - Gold

Heather Frazier
Margaret-Ellen Laetner
Meredith Christensen
Christine Kells
Jennie Dang *
Amy Trembley
Karen Lane
Caitlin Nash
Vanessa Choate
Jennifer Pitts
Melanie Hilliard
Rebecca Harmon
Jamie Smith
Catherine Gardner
Brianne Matarazzo
Nicole Rothlisberger
Megan McRoberts
Leslie Bell

Nicholson ES

Katharine Schulz

Nickajack ES - Gold

Diane Kordel *
April Cochran
Amy Karp
Anslie Hill
Deryl Heflin
Karen Harrison
Katie Morris
Renita Stamper
Kathryn Robbins
Stephanie Burns
Jensen Morris
Kasey Brindle
Maria McDonald
Abigail Priest
Carol Hollis
Jessica Milovich
Dina Espenshield
Susan Wolfgang

Picketts Mill ES - Gold

Jennifer Kellam
Kristen Bintliff
Cathy Ewers
Amy Pace
Allison Grebe
Lynn Hahn
Kimberly McCreary
Myrna Alley
Virginia Aiken
Kristin Wilson
Cindy Cole *
Lori Sproat
Carolyn Schumacher
Elizabeth Fountain
Jennifer Rooke
Cassandra Llewallyn
Kim Campbell
Patricia Orton
Ashlee Green
Kate Cordell

Pine Mountain MS - Green

Demetrius Proby
Jeffrey Hofmeister
Jessica Kochanek
Nicholas Waltz *
Vanessa Petit

Green Teachers 2017/18

Pitner ES - Gold

Kathy Parks
Patricia Ucciferri *
Robin Poulos
Abby Sandlin
Heather Johnson
Laura Franco
Marcia Robinson
Mia Rownd
Tammy Begora
Stephanie Caracelo
Kelly Born
Christine Carter
Marsha Howell
Marissa Gaines
Tracey Homer

Russell ES - Gold

Amber Hicks
Bridget Purdy
Kelly Bodner *
Latonia Simmons
Christian Laster
Gregory Chambers
Elizabeth Zych
Charlotte Seel
Linda McCall
Kaitlyn Callan
Stephanie Delaine-Green
Vivian Huddleston
Kathy Ross
Shanele Moultrie
Ashley Winsett
Deborah Brown-Bell

Still ES - Gold

Lynn Duhn *
David Brown
Julie Wacker
Lashelle Joiner
Amanda Caden
Julie Bowen
Stacey Strudthoff
Marissa Hallberg
Simone Bowden
Bethani Bollig Minish
Cynthia Volckmann
Maureen Sherrer
Emily Dozier
Meredith Lasko
Debra Auzenne
Jordan Fleming
Jordan Cantelmo
Michele McCulloch
Miatta Smith
Jennie Wilson
Alicia Adams
Michelle Plumer
Joi Cox

Timber Ridge ES- Gold

Brittany Rosa
Stephanie Turco
Catherine Murray
Judy Osborne *
Jenny Bickerstaff
Melinda Butler
Charlene Zarnik
Staci Carper
Heather Pretorius
Elizabeth Hauenstein
Brittany Swann
Laurie Weiner
Amity Leverone
Alison Dunford
Bethany Campbell
Christina Burnight
John Cox

Tritt ES - Gold

Trecie Wiggins
Tamera Neal *
Hillary McManus
Andrea Waters
Amanda Smith
Jennifer Herman
Joseph Giunta
Beth Blick
Kelle Laushey
Sarah Gardner
David Eichler
Amy Benson
Melody Swierski
Anee Wender
Catherine Tommasello
Barbara Kappel
Amanda Gillespie
Laura Cervi
Joni Adams
Kim Lamphere
Carla Teuchert
Jennifer Bosma
Charis Swift
Tina Love
Kimberly Bower
Heather Garrett
Allison Walker

Green Teacher List 2017/18

Vaughan ES - Gold

Allison Monroe
Cory Babcock
Stacy Pitts *
Carol Case
Elizabeth Glass
Kelli Connors
Kirk York
Nicola Boone
Kristine Porter
Carianne Good
Elizabeth Southern
Megan Koch
Jenna Bullis
Stacie Brock
Jennifer Deck
Tracie Perkins
Liz Sikes
Meagan Saeger
Devin Gunning
Jennifer Everson
Ashley Mushegan
Katie Baggott
Teresa Pitzel
Christy Garvin
Tracy Sieracki
Jennifer Maxwell
Karen Meyer
Kathryn Murray