

Adam Hag5 Hags Will Mason Warmer Malkel Luck! Bailey Bob oba & 4465 a Enme! SKipper Urock -EMILT. H295 King Jullian Buck - Bredley charlie

Water roch out this summer (HAKAS)

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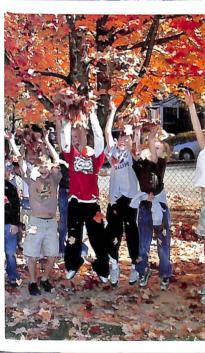




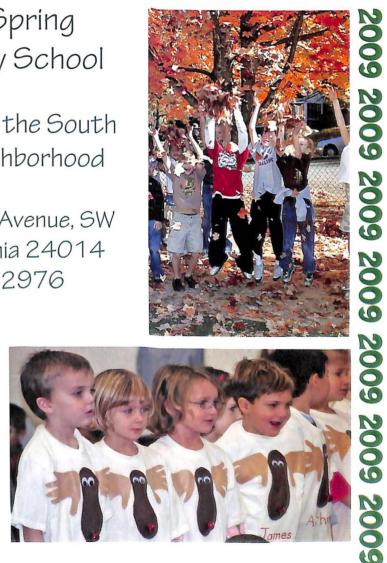
Crystal Spring Elementary School

The nucleus of the South Roanoke Neighborhood

2620 Carolina Avenue, SW Roanoke, Virginia 24014 540.853.2976









Mrs. Jordan visits with some of her fourth graders during recess.

Ms. Armentrout gives Olivia Offermann some pointers during the Turkey Bowl.



Ms. Armentrout, Mrs. Jordan and Mrs. Witten gather in the third floor hallway.

Mrs. Witten and her son, Marshall enjoy being at the same school!







The 2009 Yearbook is Dedicated to the Fourth Grade Teachers

An interesting thing happened when the fifth graders were asked to vote on the yearbook dedication. After the votes were cast and counted, we realized that the top three vote-getters were from the same grade level. When the students were asked to choose one of the three, the vote ended in a three-way tie. Therefore, it was a natural decision to dedicate the 2009 yearbook to all three of our fourth grade teachers: Lissa Armentrout, Susan Jordan and Martha Witten. Ms. Armentrout has been teaching at Crystal Spring for four years. Some comments about her include, "she's fun to be around," "she helped me understand Science and Social Studies--before they were my worst subjects," and "she has made my years at Crystal Spring ones to remember!" Congratulations, Ms. Armentrout! Mrs. Jordan student-taught at Crystal Spring in 2002-2003 and has taught fourth grade here ever since. She is married to Lyn and has an eighth grade son named Brice. Some thoughts on Mrs. Jordan include, "she was an awesome fourth grade teacher and taught me so much," and "she made fourth grade fun and helped me in Math when I needed it." Many students commented how much they admired Mrs. Jordan for her strength in fighting cancer last year and one also said, "she is amazing to me and I love her like my mom!" Congratulations, Mrs. Jordan! The third member of the fourth grade team is Mrs. Witten. Mrs. Witten has taught at Crystal Spring for nine years. She is married to Tim and has a third grade son, Marshall, and a daughter on the way. Mrs. Witten was described as giving, kind and humorous. Other comments include, "she understood me and my classmates when we were in her class," and "she helped me through all of my struggles I give her 10 stars!" Congratulations, Mrs. Witten! Individually, each of these wonderful ladies brings her own unique qualities to her students. Together, they work as a team to provide a well-rounded education to their fourth graders and to prepare them for their final year of elementary school. We thank Ms. Lissa Armentrout, Mrs. Susan Jordan and Mrs. Martha Witten for making fourth grade a great year at Crystal Spring!













Crystal Spring Faculty and Staff



Lissa Armentrout Teresa Aurnou Karen Ayers Harry Barlow Cathy Bear Jason Bradford Sherry Butler Cheryl Collis Sonja Crawford David Dallas Liz Dalton Cindy Eades Jennifer Emerson Megan Flynn Susannah Francis Mary Hale Catherine Houtz Jan Hutsell Gretchen Jensen Chris Jones Susan Jordan Jennie Kimmelman Stefanie Leavelle Michael Long Candace Lucas Melissa McIntyre Donna Melville Dave Merritt Maggie Moen Jamie Moran Patricia Price Christy Reddy Cindy Robertson Robin Scott Donna Sellers Melissa Shorten Renee Simmons Martha Spencer Catherine Stoller Debi Tinsley Samuel Vargas Wade Whitehead Dana Witt Martha Witten

Bus duty is easily handled by Mrs. Jensen, Ms. Kimmelman, Mrs. Emerson, Mr. Jones, and Mr. Dallas!

















Crystal Spring's Staff is...

Mr. Richards and Mrs. Breslin "ham it up" for their kindergarten students.

Mr. Bradford and Mrs. Leavelle enjoy watching their team, the Williamsburg Wave, during the Second Annual Turkey







Mrs. Butler and Mrs. Eades bundle up to enjoy the Turkey Bowl.



On Mr. Barlow's last day as Building Manager of Crystal Spring, he was showered with gifts by Mr. Merritt.



Ms. Armentrout gets in the spirit of Halloween!



Parents, students and staff (including Mrs. Jackson, Ms. Robertson, Mrs. Brown, and Mrs. Turpin) give Mr. Barlow a standing ovation on his last day.



It's the Good Witch! Mrs. Crawford dons her witch's hat for the class Halloween party.









The Best in the World!!



"Celebrity Scoopers" Mrs. Hutsell, Mrs. Jordan, Mrs. Jackson, and Ms. Robertson are still smiling after a night of serving ice cream at Maggie Moos.

Dare Officer Payne brings a friendly face to Crystal Spring every Friday!





Mr. Whitehead is the "Music Man" at the Turkey Bowl!



Mrs. Collis demonstrates the new security system in the front office!



Our building is in good hands with Lora Doss and new Building Manager, Cordell Turner.



Mrs. Simmons strategizes with her fellow teammates at the Turkey Bowl game.



Mrs. Backlund and Mrs. Jackson help keep things running smoothly on the third floor!













Mrs. Bear's Preschool Class

James Ayers
Mary Martha Blackwood
Caris Cranwell
Anthony Duran

Connor Erwin Alexander Gawley Logan Hilovsky Abigail Hunter





































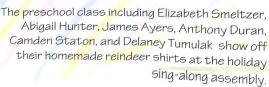














Mrs. Bear's class enjoys a beautiful fall day.

Connor Erwin, Will Overton, Deon Robertson, and Alex Gawley have a great time playing with cars and trains.





James Ayers, Logan Hilovsky, Delaney Tumulak, and Davion White gather for a picture.

Elizabeth Smeltzer, Mary Martha Blackwood, Abigail Hunter, and Meredith Winn agree that preschool is great!

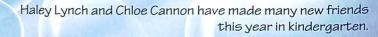






Playing with the kitchen items is a favorite with Camden Staton, Lillie Mitchell and Sarah Polk.

There is so much to do during playtime for Mallory O'Donnell, Caris Cranwell, Mary Martha Blackwood, Sarah Polk, and Camden Staton.



The art center is a popular choice for Ashanti Hollinghead, Elizabeth Dixon and Cara Wilson during center time in kindergarten.

Tremell Lee, Donzel White, Cameron Price, and Anthony Muhammad love playing with the Lincoln Logs during center time.



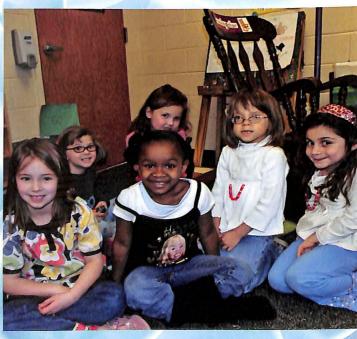






Jaden Barbour, Isaiah Hall, Katherine Aziz, Sophie Hoff, and Alexander Branscom enjoy playing with the globe.

Mary Fowler Sharp, Sophie Hoff, Markayla Banks, Carlin Bumgarner, Paris Swisher, and Katherine Aziz gather to play in Mrs. Houtz's class.



Mrs. Houtz's Kindergarten Class











Katherine Aziz Jaden Barbour Alexander Branscom Carlin Bumgarner











Chloe Cannon Owen Churchill Brady Cole Elizabeth Dixon













Jack Ericcson Isaiah Hall Sophie Hoff Ashanti Hollinghead Mina Isaac Tremell Lee













Haley Lynch Aidan McMurtry Anthony Muhammad Cameron Price Khalil Saunders Mary Fowler Sharp











The art center is a favorite for Aidan McMurtry, Brady Cole and Owen Churchill.



Mrs. Houtz's class enjoys a great fall day.







Mrs. Moen's Kindergarten Class

Ben Anderson Nathan Andrew Travon Arrington Lamont Bonds

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1

Carter Cole Matteo Collins Truman Collins Lucas Fathy



Monte Bliss Johnson Harry Lowman Piper Manning William Martin Megan McGinnis Alijah Morris









































Mrs. Moen's class enjoys a warm, fall day on the playground.



Truman Collins, Kemper John, Parker Neal, and William Martin stuff their animals into the giant mitten.







Rachel Hartman, Ben Anderson and Alijah Morris have fun building in Mrs. Moen's class. 0

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Ja'Nia Pannell, Trevon Arrington, Nathan Andrew, and Grey Gurley practice lacing up mittens after reading "The Mitten."





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Harry Lowman, Misha Wiley and Carter Cole enjoy building during Center Time. Lucas Fathy, Mia Gibson, Monte Bliss Johnson, and Julia H'Doubler have fun with the large story books.

Na'Mareon Hunter, Jackson Lichtenstein, Campbell Rech, Sarah Riddle, and Keelie Everitt take a break from playing.

Keelie Everitt poses as her favorite food (macaroni and cheese) in the Halloween parade!!

Maggie McKernan, Sierra Cox and Emily Kinnison enjoy playing with blocks during indoor recess.









Madison Wagner, Sadejah Webster, Parisa Ahmadzadeh, and Frank Andes take a break during playtime!





Mr. Richards' Kindergarten Class





















Sierra Cox Chess Duckwall Keelie Everitt Luke Heerens



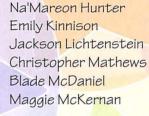
























John McNally Campbell Rech Sarah Riddle Chloe Roberts Ben Schroeder Sophia Smith

















Mr. Richards' class loves a trip outside to the turf!

Lincoln Logs are a favorite among Ben Schroeder, Sophia Smith, Thai White, Keelie Everitt, Spencer Cook, and Chloe Roberts.

Mrs. Butler's First Grade Class

Michael Agren Parker Albright Alex Atherton Kaimir Burwell

Anna Dandridge Jordan Fitchett Cameron Forrest Skyler Gillispie

































Wesley Sharpe
Cade Smith
Callie Summerlin
Reid Taylor
Gage Thompson
Donald White











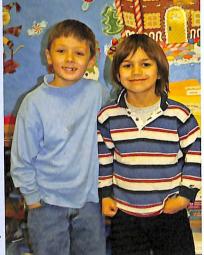






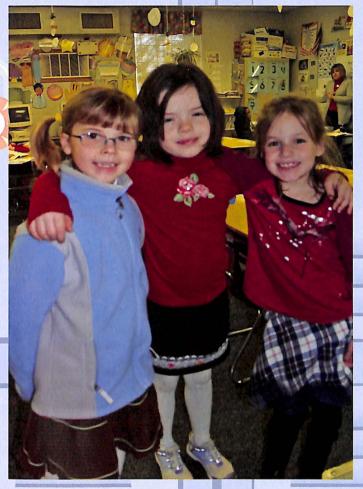


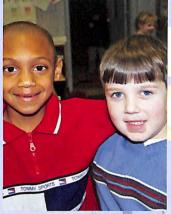






Anne Scott McKenney and Parker Albright welcome their friend, Riley Hoff, to Mrs. Butler's class.

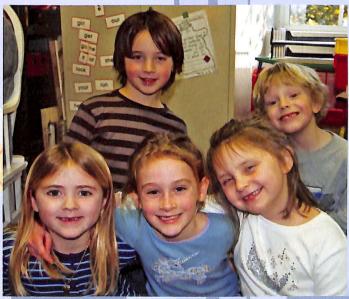




Cameron Forrest and Gage Thompson pause for the camera.

Gabe Nordt, Kaimir Burwell, Parker Mills, and Alex Atherton enjoy playing the Frog Game during indoor recess.







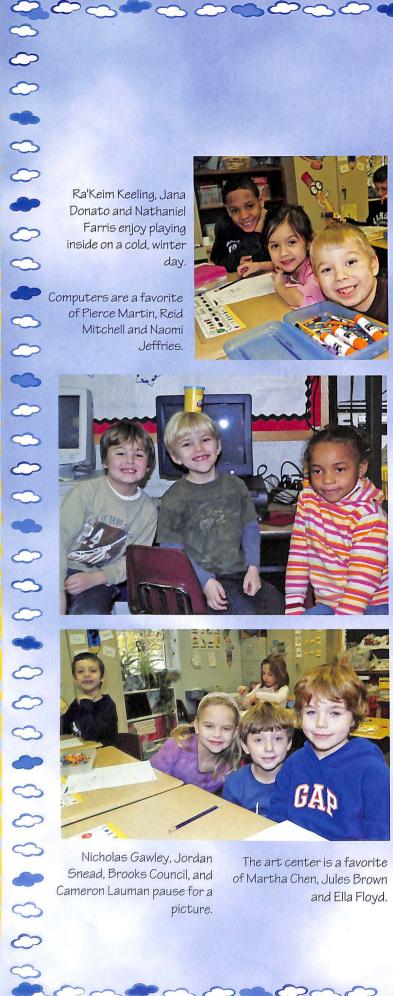
Callie Summerlin, Cade Smith, Jordan Fitchett, Skyler Gillespie, and Reid Taylor are having a ball in Mrs. Butler's class!

Mrs. Butler's class gathers under the tree for a group picture.



Lillian Jones and Ian Morling are hard at work on a symmetry worksheet.







Nicholas Gawley, Jordan Snead, Brooks Council, and Cameron Lauman pause for a picture.

The art center is a favorite of Martha Chen, Jules Brown and Ella Floyd.





Mrs. Eades' First Grade Class











Grayson Angle Deondrae Bonds Jules Brown Martha Chen









Brooks Council Jana Donato Nathaniel Farris Ella Floyd













Nicholas Gawley Colin Hagy Naomi Jeffries Lilian Jones Ra'Keim Keelina Cameron Lauman













Pierce Martin Brandon Mathews Reid Mitchell Ian Morling Taylor Salliss Jordan Snead



Colin Hagy, Taylor Salliss and Grayson Angle are hard at work in Mrs. Eades' class.

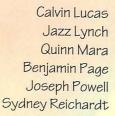


Mrs. Eades' class enjoys a warm, fall day outside.

Mrs. Leavelle's First Grade Class

Garrettson Ayers Maia Bush Wilson Elder Joshua Gawley

> Ella Higgins Josiah Jeffries Murphy Johnson Brooke Knisely



Grace Skeen Ziya Smiley Nora Terrill Abby Tershak Callen Tumulak William Van Metre







































Mrs. Leavelle's class pauses for a class picture during recess.



The train is a fun indoor activity for Garrettson Ayers, Sydney Reichardt, Joseph Powell, and Jazz Lynch.





Joshua Gawley and Callen Tumulak pause for a break during indoor recess.





Mrs. Leavelle, Murphy Johnson, Ella Higgins, , William Van Metre, and Maia Bush enjoy visiting with Mayor David Bowers in his office.

Calvin Lucas, Murphy Johnson, Benjamin Page, and Abby Tershak have fun at the art center.







Computer time is a big hit with Grace Skeen and Ziya Smiley.

Wilson Elder, Brooke Knisely, Ella Higgins, Josiah Jeffries, Quinn Mara, and Nora Terrill love playing with Legos!





Donovan Everitt, Bhargav Mallidi, Mark Bowman, and Aidan Erwin climb the slide during recess.

Josie Johnson, Emmeline Nguyen and Eliza Ayles monkey around on the climbing bars.

Beth Carter, Caroline Smith, Camryn Koviak, and Georgia Robinson enjoy a rare outdoor recess in January.









Second grade is great fun Aidan Arney, Ethan Kinnison, for Ms. McIntyre's students. Elliott Kennard, and Carter

Aidan Arney, Ethan Kinnison, Elliott Kennard, and Carter Plunkett are happy to be outside on a cold January day!



Ms. McIntyre's Second Grade Class

















WELL TOUR TELL





Aidan Erwin Donovan Everitt Mark Heerens Crawford Higgins













Kienzle Hilovsky Josie Johnson Elliott Kennard Ethan Kinnison Camryn Koviak Lily Latimer













Bhargav Mallidi Emmeline Nguyen Connor O'Donnell Carter Plunkett Mariah Robertson Georgia Robinson













Mariah Robertson, Kienzle Hilovsky, Lizzie Stuhr, and Lily Latimer have a great time on the playground.

Connor O'Donnell, Crawford Higgins and Mark Heerens "hang around" on the playground!

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Mrs. Shorten's Second Grade Class

Cooper Albright Noah Bowers Charlie Boxley Emme Cannon

Chloe Cunningham Robert DeMattia Will Gibson Whittney Hamilton

Vin Www Xx U

By

Thomas Jackson Laura Latimer Walker Long Parker Manning Randall McDaniel Caleb McMurtry

Tyler McNeil Megan Pace Giselle Pfaeffle Kevin Poole Selden Poore Paige Smeltzer

Jamie Smith Ryan Smith Olivia Snyder Scarlett Stevens Claire Winters Evan Zachmann













































Tyler McNeil, Evan Zachmann, Cooper Albright, and Walker Long ham it up on the playground.

Recess is a fun time for Scarlett Stevens, Laura Latimer, Whittney Hamilton, and Giselle Pfaeffle.



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Selden Poore, Robert DeMattia, Noah Bowers, Will Gibson, and Kevin Poole are happy to be outside on a rare, warm day in January!





Chloe Cunningham, Megan Pace, Ryan Smith, and Claire Winters are having a ball during recess.

Paige Smeltzer, Emme Cannon and Olivia Snyder take a break while outside with their class.







Caleb McMurtry, Charlie Boxley, Thomas Jackson, and Jamie Smith are all smiles!

Mrs. Shorten's class gathers for a picture on the playground.



Shelby Stanley, Triff H'Doubler and Da'Nera Kinsey enjoy the slide during recess.

Danizha Ridgeway-Sinclair and Dalton Mara wait their turn in the cafeteria lunch line.

Griffin Thompson, Emily Tenzer, Reynolds Hamilton, Katherine Rakes, Matthew Moore, and Callie Price enjoy a laugh at the picnic table during recess.







Mrs. Simmons' class gathers for a picture on the turf.

Kenyon John, Jalen Jackson, John Stockstill, and Graham Thomasson do a balancing act on the teeter totter.





Mrs. Simmons' Second Grade Class





















Kenyon J<mark>ohn</mark> Grace Anna Johnson Remi Johnson Da'Nera Kinsey













Caroline Kulp
Dalton Mara
Morrigan McKernan
Matthew Moore
Andr'U Osby
Kai Perkins













Callie Price
Louisa Prillaman
Katherine Rakes
Danizha Ridgeway-Sinclair
Shelby Stanley
John Stockstill











Emily Tenzer
Graham Thomasson
Griffin Thompson
Megan Withers
Chevin Wright-Watkins





Jai Braenovich, Morrigan McKernan, Grace Johnson, and Louisa Prillaman are happy to be outside for recess.

Dalton Mara, Megan Withers, Remi Johnson, Caroline Kulp, Kai Perkins, and Andr'U Osby balance on the swings.



Mr. Bradford's Third Grade Class

Spencer Angle Rebecca Bivens-Hart Wells Carson Tariana Carter

> Julia Cundiff Emily Donato Jerome Jeffries Gretchen Kepley

Conrad Lauman Noah Pedelty Jeffrey Perkins Emma Pillis Josh Privott Anauria Wade









































Conrad Lauman, Tariana Carter and Rebecca Bivens-Hart find a comfortable spot in Mr. Bradford's room.



Mr. Bradford gets "mummified" at the class Halloween party.

Josh Privott, Shayleim Cooper, Marshall Witten, and Jeffrey Perkins enjoy a game of "Snakes and Ladders" during recess.





Spencer Angle and Jerome Jeffries work on a project in Mr. Bradford's class.

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The art table is a favorite for Anauria Wade, Julia Cundiff, Margo Winn, Gretchen Kepley, and Emma Pillis.







Noah Pedelty, Emily Donato, Chermayne Wilson, and Wells Carson gather for a game of "Connect 4." Mr. Bradford's class hams it up for a class picture.



Anna Zahorchak and Sarah Rivenbark sketch their plans for the Explorers project.

BUS

Zachary Fathy and Emily Musselewhite put their heads together to plan their project on Jacques Cartier

Group work is a blast for Carter Mason, Carson Hrusovsky, Katherine Lake, and Naya Lozano.







SCAJ Lumsden, Connor O'Dwyer and Kaitlyn Lawrence are hard at work on their Christopher Newport presentation.

The Reading Corner is a comfortable spot for Stuart Van Metre, Diamonte' Wells and Devin Overton.





























Mrs. Crawford's Third Grade Class























Katherine Lake Kaitlyn Lawrence Naya Lozano AJ Lumsden











SCHOOL BUS

Carter Mason Connor O'Dwyer Devin Overton Makaila Perkins Malorie Peters Sarah Rivenbark



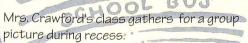






Jack Sherman Stuart Van Metre Diamonte Wells Anna Zahorchak







Teddy Harris and Christopher Ayers enjoy being partners in Social Studies.

Mrs. Hutsell's Third Grade Class

Taquan Arrington Taylor Beck Emily Cathey Whitney Cook

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Cate Duckwall John Gurley Robert Hancock Alex Hawthorne











Lilly Thomas

































John Gurley, Grayson Rech and Madeleine Pressley ham it up for the camera!!



Whitney Cook, Emily Cathey and Josh Polk work well together in Mrs. Hutsell's class..

Indoor Recess time is a winter favorite for Elijah Saunders, Alex Hawthorne, Lilly Thomas, and Shadaisa Taylor.





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Nicholas Logan impersonates Martin Van Buren at the Third Grade Wax Museum. 600

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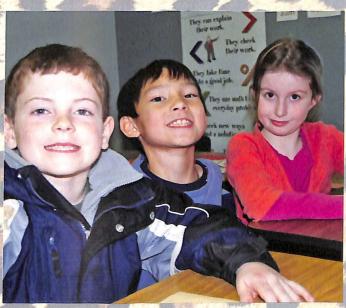
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Lee Murray, Taylor Beck, Taquan Arrington, and Abby Shorten enjoy drawing during indoor recess time.

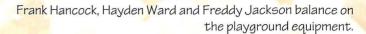






Robert Hancock, Ricky
Tershak and Cate Duckwall
work hard in third grade.

Mrs. Hutsell's class gathers on the playground for a class picture.



Christian Cundiff and Jon Marco Sanchez are enjoying a fun game of kickball.

> Christopher Wright-Watkins, Shaequan Bell, Chris Steele, and Reeves McKenney enjoy the view from the picnic tables.









Ms. Armentrout's class enjoys being outside on a beautiful, fall day.

** ** ** ** ** ** ** **

Alex DeFelice, Caroline Heymann and Chloe' Bush enjoy playing on the equipment at recess.



Ms. Armentrout's Fourth Grade Class











Shaequan Bell Sahvaliel Brown Chloe' Bush Christian Cundiff









Alex DeFelice Katherine Douthat Carter Draper Austin Edge













Cabell Eggleston
John Garst
Frank Hancock
Caroline Heymann
Freddy Jackson
Reeves McKenney











Aliyah Mejia Jon Marco Sanchez Chris Steele Hayden Ward Christopher Wright-Watkins



John Garst, Cabell Eggleston and Austin Edge are thrilled to play outside on a cold, winter day!



Carter Draper, Katherine Douthat and Aliyah Mejia take a break at recess to pose for a picture.

Mrs. Jordan's Fourth Grade Class

Rickey Adkins Mary Stewart Barnes Joe Boxley Kiyan Dungee

> Errion Durham Tyrese Gaither Jack Garst Andrew Hamilton









































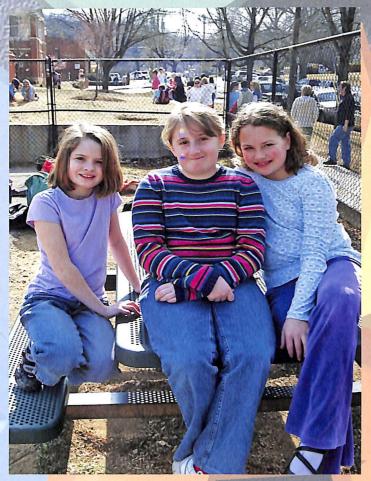


Joe Boxley and Brice Johnson enjoy playing soccer on the turf during recess.



Zack H'Doubler, Andrew Hamilton, Greyson Stuhr, and Rickey Adkins enjoy a game of kickball on the blacktop.

Olivia Smith, Cassie Ramsey and Elizabeth Peterson enjoy their outdoor recess time!





Chase Magnuson and Jack Garst have fun at their class Valentine party.

Mary Stewart Barnes, Kasey Longworth and Helen Schmedtje gather before their afternoon recess time.







Kiyan Dungee, Errion
Durham, Tyrese Gaither, and
Roshawn Leftwich take a
break from their game to
smile for the camera.

Mrs. Jordan's class enjoys a beautiful fall day.







For Ellen Wood, Olivia Offermann, Sophie Ericsson, Callie Garst, and MonTierra Jarrett, soccer is the sport of choice.

Tony Yancey and Bobby Dekorsey love to climb on the playground equipment!

Bruce Farrell, Connor Perkins and William Dorsey take a break from their game during recess.







Mrs. Witten's class gathers for a class picture on the playground.

Claiborne Creasy, Elle Prillaman and Olivia Gibson strike a pose on the playground!













Mrs. Witten's Fourth Grade Class











Jackson Breakell Will Churchill Sam Comer Claiborne Creasy









Bobby Dekorsey William Dorsey Sophie Ericsson Bruce Farrell













Callie Garst
Olivia Gibson
MonTierra Jarrett
Patrick Moore
Olivia Offermann
Nicholas Pace











Connor Perkins
Elle Prillaman
Brandon Thomas
Ellen Wood
Tony Yancey



The fourth grade has recess at the end of their day. Patrick Moore, Sam Comer and Will Churchill look forward to that time!



Nicholas Pace and Jackson Breakell are enjoying a beautiful spring day on the playground!









Mrs. Susannah Francis has also taught fourth grade at Crystal Spring. What she likes about fifth grade is.. "the kids are great, my coteachers are amazing, and you just can't beat the 5th grade field trips and fun activities. This combination makes for a very enjoyable and productive year!"

John Baldridge Marquita Bigelow



lan Blake Justin Brown Adler Cargill











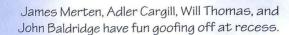








Annalee Lowman and Jordan Morling get "the scoop" from Campbell Lake.





Mrs. Francis Fifth Grade Class







Campbell Lake Annalee Lowman James Merten







Meajah Minor Jordan Morling Austin O'Donnell





Will Thomas Matthew Withers



Mrs. Francis' class enjoys a beautiful fall day!

Mr. Whitehead's Fifth Grade Class

Christian Blackwell Connor Burnett Alexa Cannon







Patrick Elder Halie Farris John Gardner







Charlie Hawthorne Natalie Kulp Warner McGhee







Mr. Whitehead's class gathers under the tree for a class picture.









Buck Parrott De'Quon Peoples

Mr. Wade Whitehead has also taught third grade at Crystal Spring. What he likes about fifth grade is...."they provide the perfect mix of excitement and perspective and are truly inspiring to teach. Most days, I leave school certain that I learned more than I taught!"

Emily Perkins
Bradley Smith
Lissa Smith









Ben Vance Kali Ward Adam Zahorchak





De Quon Peoples, Connor Burnett, Bradley Smith, Paul Zahorchak. Lissa Smith, Alexa Cannon, and Natalie Kulp enjoy their time together in fifth grade.

Mrs. Dana Witt has also taught first grade at Crystal Spring. She says what she likes about fifth grade is.. "the independence and creativity of fifth graders...and seeing how much they have grown, matured and developed the personalities that were just coming out in first grade."





Bailey Bingham J.B. Breakell William Cathey

















J.B. Breakell and Charlie Harris take a break from their soccer game to smile for the camera.



Mrs. Witt's students show off their wackiest attire on "Tacky Day!"



Mrs. Witt's Fifth Grade Class





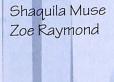












Anna Merten







Sam Sawyer Emily Shafer Taylor Thompson



Mrs. Witt's class gathers for a class picture on the playground.



Fifth Graders Savor Every Moment...

Alexa Cannon, Bradley Smith, Natalie Kulp, Anna Merten, Jordan Morling, Rebekah Ayles, Lissa Smith, and Campbell Lake take a break from their soccer game during recess.

Jack Cunningham, William Cathey, Jack Hitchins, Charlie Harris, and Patrick Elder enjoy their part in the fifth grade play.







The playground is a favorite place for Ben Vance and John Gardner.



Lissa Smith, Emily Perkins, Campbell Lake, Anna Merten, and Jordan Morling are pumped up for the Turkey Bowl!



James Merten and Logan Frank master the tacky look!



Charli<mark>e Hawthorne, B</mark>uck Parrott an<mark>d</mark> James Merten have fun hanging out on the teeter totter.



Mrs. Witt, Mr. Whitehead and Mrs. Francis enjoy teaching together and love their fifth graders!

Live it Up, Seize the Day & Have Fun!



The fifth graders really went all out for Tacky Day! Anna Merten, Maddie Balzan and Natalie Kulp greet the morning crowds with their wacky, tacky appare!

Will Mason, Austin O'Donnell and Matthew Withers protect the goal during recess.





Sam Sawyer pauses for a quick picture.



T'Nesha McBean and Shaquila Muse know how to have a good time at recess!



Taylor Thompson and Emily Shafer have fun together.



Austin O'Donnell, Marquita Bigelow, Meajah Minor, Jakima Cooper, Campbell Lake, Jack Hitchins, and Annalee Lowman show off their Tacky Day outfits.



Will Mason, Jack Cunningham and John Baldridge gear up for the second annual Turkey Bowl.

Fifth Grade is a Unique Year at Crystal!

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Stephen Holt, Ian Blake, Jack Irons, and Walter Mann smile in anticipation of the "Pi Day" pie throwing:

Warner McGhee and Christian Blackwell pose for a quick picture in front of the school.







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Will Thomas and J.B. Breakell are the patrol captains this year.



Patrick Elder, Jack Hitchins and Stephen Holt have a great time at recess!



Rebekah Ayles poses with crossing guard, Ms. Delaney.



Fifth grade girls including Alexa Cannon, Anna Merten, Natalie Kulp, Lissa Smith, Rebekah Ayles, Bailey Bingham, Maddie Balzan, Emily Perkins, and Halie Farris have fun, fun, fun on the



John Baldridge, Shaquila Muse, Adler Cargill, Maddie Balzan, and Rebekah Ayles demonstrate the "Ice Cream and Cake" dance.

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Fifth Grade Clubs Offer Leadership

Safety Patrol: Each year, fifth graders who would like to be on Safety Patrol fill out an application. They also go through a training session before school starts. The street patrols safely cross adults and children at street corners, hold open the front door and gym door each morning and afternoon, raise the flags each morning, and turn on the computers in the computer lab each morning. The bus patrols help the bus drivers keep the kids safe on the buses. With the time change this year, patrols had to be on duty starting at 7:25 a.m.-that's dedication!





The Rotation Club: Each Tuesday, a group of fifth graders participates in the Rotation Club. This year's choices include Media, Buddies and Service. The Media Club gets to try out various types of technology including Power Point, Garage Band and Flash. The Buddies group gets to do fun things such as crafts and games with the Pre-School class at Crystal Spring. The Service group works on a variety of activities to help the community. These include stocking the School Store and making Valentines and goody bags for the children at the Rescue Mission.

Chimes: Fifth graders may choose to participate in the Chimes program on Tuesdays during club time. This year they performed for Brandon Oaks and the Roanoke United Methodist Home, in addition to Crystal Spring. Many students learned music reading skills for the first time and others used music reading skills in a new way as part of an ensemble. Ms. Jensen leads this group and she says, "We've had a great time making music!"



The search searc

Crystal Spring Clubs...



SCA: Each year, third, fourth and fifth graders elect SCA representatives from their homeroom class. These students must campaign and give a speech to demonstrate their leadership potential. They not only represent their own class, but are also paired with a younger "Buddy Class." The SCA serves as leadership for the school through advocating for students. Concerns are discussed and plans are made to increase school spirit. Some examples of activities the SCA sponsors include "Pasta for Pennies" and Spirit Days such as Tacky Day, Mrs. Stoller works with the SCA.

Chess Club: The Chess Club is made up of students from all of the grades. Due to the earlier start time this year, the Chess Club now meets after school on two different days. Students can attend on either Mondays or Tuesdays. Members are expected to show good sportsmanship, want to grow in their skill as a chess player, and want to have fun! With Mr. Richards as the sponsor, the fun part is easy to accomplish!





Art Club: Something new at Crystal Spring this year is the Art Club, sponsored by Mr. Jones. All third, fourth, and fifth graders are eligible to attend, and they meet once per week during a recess time. Their focus is on school improvement projects. Some of these include two paintings for the stairwells and making stepping stones for the Service Club to install outside. They also made banners for the Faculty vs. Student basketball game. The Art Club is a great addition to Crystal Spring!

Fun For All Ages!!!

Peer Mediators: The goal of peer mediation is to solve conflicts in a way that allows both people to say what happened and find a win-win solution. Fourth and fifth grade students are nominated by their classmates and teachers to help with this process. The students who serve as peer mediators complete an intensive training week where they learn and practice effective communication techniques and how to mediate. It is great to have this process in place when needed. Mrs. Stoller, the new School Counselor, is the sponsor of this group.





Odyssey of the Mind: "OM" has long been a popular activity for many Crystal Spring students. Students are placed on teams of up to seven members and given the task of solving a problem by writing a skit that meets a given set of criteria. There is also a "spontaneous" component to the competition. Parent and teacher volunteers serve as coaches and the teams spend many hours writing their skits, making props and costumes, and practicing. Mr. Bradford, a former OMer himself, is the faculty sponsor. As of "press time," two teams won first place at regionals and will compete at the State competition as well.

PTA Reflections Program: This year's Reflections program attracted a total of 45 entries from 31 Crystal Spring students! The winners from Crystal Spring included: Front Row: Megan Withers, Louisa Prillaman, Claire Winters, Pierce Martin and Mary Fowler Sharp; Second Row: Abbey Shorten, Katherine Lake, Bruce Farrell, and Bobby Dekorsey; Back Row: Matthew Withers, Adler Cargill, John Baldridge, and Wells Carson. Not pictured: Katherine Rakes, Ryan Smith, Sam Sawyer, Ella Floyd, and Alex DeFelice. Some of these students went on to place in the City competition as well.



Pi Day, Tacky Day, Twin Day, OM, Egg Drop...

Third graders Wells Carson, Spencer Angle, Josh Privott, Jeffrey Perkins, Emma Pillis, and Noah Pedelty go all out for Tacky Day

Nancy Patterson, guest author for Grandparents' Day, greets students as she signs copies of her newest book







Bailey Bingham prepares for the first toss at "Pi Day.



Members of the Chimes club are in the spirit for their holiday concert.



Yummy! Scarlett and Laura love the Polar Express treats!



Members of the OM Structure Team include: John Baldridge, James Merten, Campbell Lake, Anna Merten, Jackson Breakell, Charlie Hawthorne, and Christian Cundiff.



Abbey Shorten, dressed as Helen Keller, tells Mrs. Dalton about her character at the third grade Wax Museum.

... Special Events Add Fun to the Day!

SEVEL NO TENER LANGUE VELLA



Second graders Whittney Hamilton, Mark Heerens and Charlie Boxley perform an experiment during the PTA's "Science in a Sack" program.

This OM team (Marshall Witten, Josh Polk, Emma Pillis, Katherine Lake, Rebecca Bivens-Hart, Jeffrey Perkins, and Lilly Thomas) is ready to perform!





Mrs. Leavelle and Ms. Armentrout were the cutest twins on "Twin Day!"



Matthew Moore, Kenyon John, Graham Thomasson, and John Stockstill ham it up during the Polar Express!



Emily Perkins' thoughts before the Egg Drop are, "Please don't let it break!"



Lisa Mason leads her tumbling class in the gym during Tiger Camp. The after-school program took place on four Tuesdays in March this year.



Judging by the looks on these faces, someone's project must not have faired so well during the fifth grade Egg Drop event!















2008-2009 Was a Year of...

























Smiles, Laughter and Good Times!























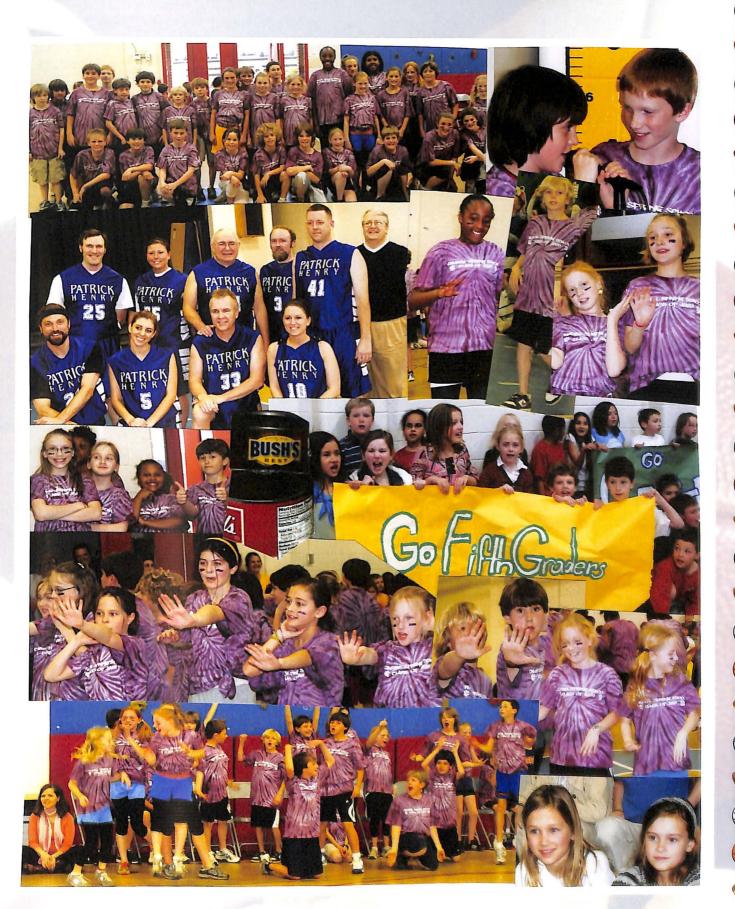


Scenes From the Second Annual Turkey Bowl





Scenes From the Third Annual Students vs. Faculty Basketball Game



What's New at Crystal Spring?

These students came to Crystal Spring after school pictures were taken: Front Row: Tae-Vonte Robinson, Kayla Farias, Riley Hoff; Middle Row: Justin Farias, Darius Forney, Jarion Jenkins-Saunders, Emily Musselwhite; Back Row: Steven Farias, Jakima Cooper and Shayiem Cooper.

The finished product! Crystal Spring now has two marimbas that students can play in their music classes!







This is one of the projects made by members of the Art Club.



All of Ms. Jensen's classes helped in making the marimbas.

Mr. Hull shows some of the third graders how to sand.



What else is new this year? Mr. Merritt's face WITHOUT a mustache...first time in 30+ years!



Malorie Peters paints a project for the stairwell during her recess as part of the new Art Club.



This year, fourth graders have had the opportunity to take Spanish five days a week in the cafeteria with Mr. Vargas.





Mere Words Cannot Express Our Thanks



Mr. Dave Merritt has been in education for 32 years! He taught a variety of grades in Franklin County and Martinsville and also coached several sports. He enjoyed the challenge of teaching different grade levels. Mr. Merritt has been at Crystal Spring for 13 years where he has taught fourth and fifth grades and been the principal for the last 4 1/2 years. As principal, he has initiated many philanthropic activities at the school that have brought added fun and excitement while also teaching caring for others. Examples include the Turkey Bowl and the Faculty vs Student Basketball Game. Both of the or raised money or food for local agencies. Because of his love of math, he also challenges fifth graders to memorize 45 digits of "pi" for the chance to "pie" him! We will certainly miss his caring and gentle way and the fun that he has brought to Crystal Spring! Come back to visit often, Mr. Merritt!











rs. Maggie Moen has been teaching school for 30 years (She) seen at Crystal Spring since it reopened after remodeling in 199 (efore that, she taught in Roanoke County and Oakland School She) own to all of us as a beloved kindergarton export, but one look libought first and second grades. We will all miles Mrs. Moon's woule add wise way with her students. As a parent, we could all fool great pout leaving our precious kindergartners in her care on the first day of school. Mrs. Moen, we hope you'll come back to see us often!



Mrs. Cindy Englashed Deen teaching school for a total of 36 years is the started traching in Giles County and also taught in Richmond Lity and Chesterfield County before coming to crystal Spring 17 years ago. She has always taught first grade here, but has also taught kindergarten and second grade. We will all miss Mrs. Eades' same of humor and the way she truly cares about har etugents. Come back to visit often, especially when it's time for the Patriotic program!

















Th<mark>e entire Crystal Spring Staff poses with the sign congratulating the school for earning the "2009 Governor's Award for Educational Excellence." Way to go, Crystal Spring!</mark>

Thanks to the following businesses and individuals who have supported the Crystal Spring Yearbook:

Dr. Penny Lampros, Orthodontic Specialist
Home Renovations by Dan McMurtry
David Rakes, Hometown Bank
HM Darby, General Contractor
Watt Dixon, Dixon, Hubard, Feinour & Brown

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Many thanks as well to the following persons for their contributions to the yearbook:

Dave Wolpert Chris Jones

Candace Lucas Gretchen Jensen

Cathy Albright
Cheryl Martin
Cheryl Collis
Kim Cunningham
Trista Farrell
Regina Carson
Christy Cundiff

Dave Merritt

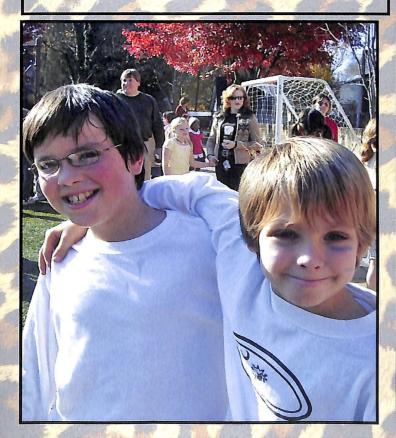








May friends and memories stay with you forever! Dream great dreams and do great things! With love-Mom, Dad, Taylor, Katherine, and Gunner



We love you and we are so proud of you! Love, Mom, Dad, Connor, and Mallory



Logan...We are so proud of you! Love, Mom, Dad and Jake



AMS THINGS IN THE SAME OF THE

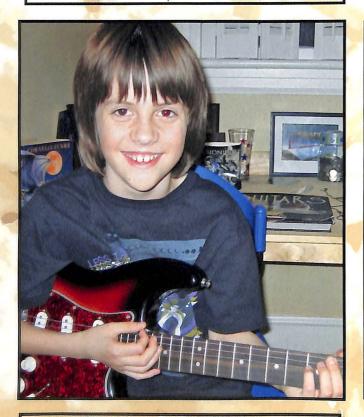
J.B., Adler, Charlie, Jack, & John,

May you reach all of your goals in Middle School!

We are proud of you!

Jordan: Congratulations on your achievements both in the classroom and the pool. We are very proud of you.

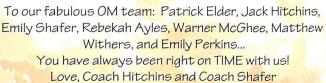
Love, Mom, Dad & lan



Great job, Charlie! Rock it out at Madison next year. Love, Mom, Dad and Alex

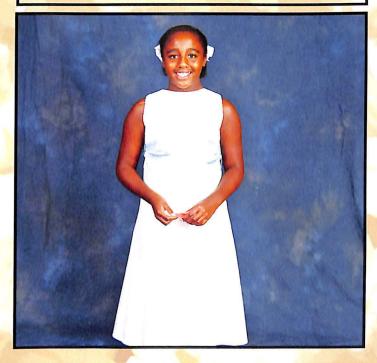
Congratulations, John! We're so proud of you! Love, Mom & Dad







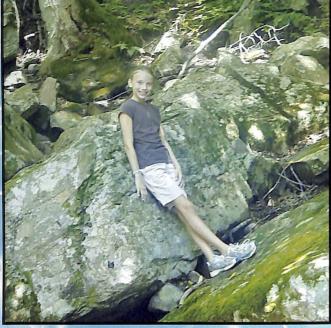
Jack,
We are so proud of you and know you'll go far!
Congratulations and much love,
Mom, Dad & Farrell



Congratulations, Bradley! We are so proud of your efforts, development and accomplishments at Crystal and pray that you will continue to grow in grace & knowledge in Middle School! Love, Mom, Dad & Jamie



Way to go, Boy Scouts! We are so proud of you!
May each of you continue awesome achievements
as you enter middle school.
Love, The Hitchins, Holt, Withers, Merten,
and McGhee families



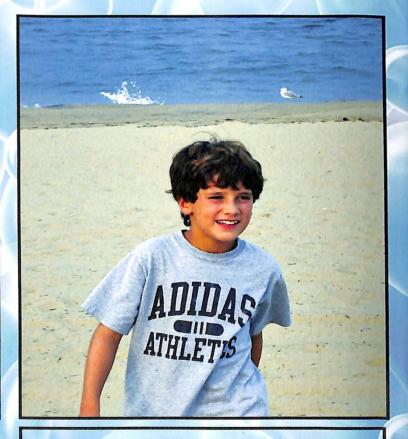


Taylor, there's no mountain you can't climb--You are amazing! Good luck in Middle School! Love, Mom, Dad, Gage, and Biscuit

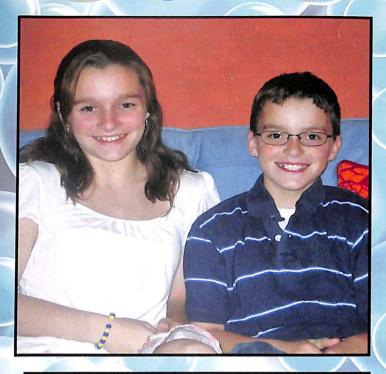
Go Get 'em, Buckaroo! Big love always, Mom and Dad, Hank and Eliza

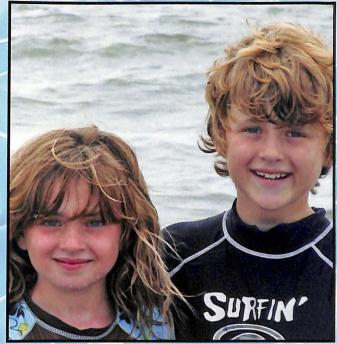


We love you, Bay-Bay! Congratulations Love, Mom & Dad



Congratulations, Patrick--We are very proud of youl Mom, Dad, Robert & Wilson





We are all so proud of all your accomplishments, lan! We love you--Emma and Momo

Congratulations!!! Have fun in middle school next year--I will miss you. Love, Emily 000000



Congratulations, Kali! We are so proud of you! Love, Mom and Dad



Congrats, Anna & James! Love, Mom, Dad, Sarah, & William

2009 2009 2009 2009 2009 2009 2009

A Look Back at the Class of 2009



8 A Year In Review



Headline News

Housing Crisis The housing market hit crisis status in 2008. With the rise in unemployment, one in 10 homeowners was at least

ENDER FORECLOSURE

median home prices fell more than 11 percent to \$183,000—the largest year-over-year drop on record since 1968.

one payment behind on

foreclosure. Nationwide,

their mortgage or in

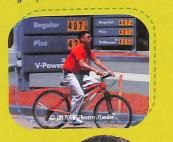
Billion-dollar Bailout

The U.S. Senate sparked intense debate when it approved a \$700 billion plan to rescue Wall Street. The bailout came in response to months of retail sales decline, home foreclosures and record drops in the stock market (dropping 777 points on September 29). Worldwide \$30.1 trillion of global stock market value was lost.



Americans Ditch Cars

With a recession in full swing and commuters concerned about record gas prices, drivers traded their cars for bikes. The Federal Highway Administration reported that Americans drove 9.6 billion fewer miles over the previous year. With consumers buying fewer cars, the big three American automakers felt the pinch. Seeking relief, they asked for and received a \$13.4 billion piece of the federal bailout originally intended for Wall Street.



Hurricane lke Hits

Texas
Thousands
of
residents
evacuated
coastal and
inland areas

of Texas in preparation for Hurricane Ike, which turned out to be the third most destructive hurricane ever to hit the U.S. The early evacuation efforts (put in place after Hurricane Katrina) undoubtedly saved thousands of lives.



The U.S. Congress agreed with President Bush's decision



to lift the almost 20-year ban on offshore drilling operations. The high price of crude oil as well as the strategic importance of energy independence led to the decision.

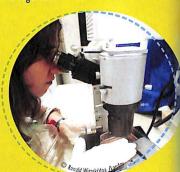


U.S. Troops

After more than five years of war, plans to reduce the presence of U.S. troops in Iraq were moved forward. A new agreement between U.S. and Iraqi officials was ratified, outlining the withdrawal of U.S. troops by 2011. At the same time, in Afghanistan there were 31,000 U.S. troops, and that number is expected to double in 2009.

Winning against Cancer

New diagnoses and deaths from cancer both fell for the first time in the U.S. according to the National Cancer Institute's 2008 report. The overall death rates fell for the most common cancers, dropping .08 percent annually from 1999 to 2005 for both men and women. While overall cancer rates decreased, lung cancer remains a concern in the Midwest and the South. Both areas have yet to adopt anti-smoking laws that ban smoking in public places or to increase taxes on cigarettes.



Cleared for Takeoff

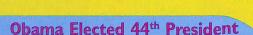
It's official—Delta bought Northwest
Airlines for \$3.1 billion, creating the world's
largest airline. The combined new airline
now serves more than 390 destinations in
67 countries. It is expected to generate
about \$35 billion in yearly revenue and
employ 75,000 people.



Crisis in Gaza

The long-standing conflict in Gaza rose to war when hundreds of civilians lost their lives and thousands were injured in airstrikes and mortar shell attacks waged separately by the Israeli military and Hamas militant groups. Hamas is listed as a terrorist organization by the U.S. and many other Western nations. In lanuary 2009, Israel withdrew its troops

and the Hamas groups declared a cease-fire, ending the three-week war; however tensions between the two sides remain high.



In a historic moment, 47-year-old Barack Obama, a freshman senator from Illinois, became America's first African-American president. In addition to shattering 200 years of history, he became the fifth youngest president ever when he was sworn in to office on January 20, 2009. In his inauguration speech, President Obama delivered a message of bipartisan hope and expectation to a crowd of over one million people in Washington D.C. and to millions more via television and the Internet.



© PAT BENIC/UPI /Lando

Cease Fire

Following a short yet destabilizing conflict, the governments of Georgia and Russia signed a U.S. brokered cease-fire, which required all Russian troops to withdraw to their preinvasion positions. The invasion was in response to Georgian suppression of Russian supported separatist rebels in the breakaway region of South Ossetia.



Prepared for Landing

"Sully" Sullenberger prepared for

taking off from LaGuardia

impact less than 90 seconds after

International Airport in New York, as Flight 1549's engines went out after

decided the safest place to land was in the icy waters of the Hudson River.

hitting a flock of birds. The pilot

Pilot Sullenberger's skill and quick

response saved the lives of all

155 passengers.

In January 2009, US Airways' Pilot C.B.

area needs, several United Nations agencies have set up continuing operations in China.

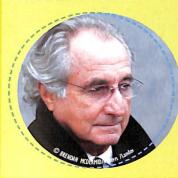
Earthquake Rocks China

A 7.9 magnitude earthquake rocked southwest

than 60,000 people were injured while over 20,000 people lost their lives. To help rebuild the livelihoods, schools and basic services the

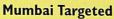
China leaving 4.8 million people homeless. More

\$50 Billion Fraud The former chairman of the Nasdag Stock Market, Bernard Madoff, was charged with running a \$50 billion Ponzi scheme, in one of the biggest fraud cases in history. Madoff could face 20 years in prison and a \$5 million fine if convicted. Madoff's actions may have cost some of the largest financial firms in the world hundreds of millions of dollars each.



Adventurer to the End

Almost 13 months after adventurer Steve Fossett disappeared in a single-engine plane over Nevada and a year to the day since the search was called off, hikers found his airplane and remains in the Sierra Nevada Mountains. Fosset holds many world records including being the first person to fly solo nonstop around the world in a hot air balloon.



Over three days in November, India's city of Mumbai was attacked by terrorists, allegedly backed by a Pakistani-based Islamic militant group. Over 160 people lost their lives in the planned attack which targeted India's financial center.



An Election to Remember

The nation witnessed several history-making events during the 2008 presidential election.

Alaskan Governor Sarah Palin became the first female Vice Presidential candidate for the Republican Party.





Goodnight Nighthawk

After three decades of exemplary service as the first aircraft in history to successfully make use of stealth technology, the F-117 Nighthawk was retired at a private military ceremony. The "Stealth" gained notoriety through now famous camera footage of its precision performance in Desert Storm in the early 1990s.



A massive cyclone hit the small country of Myanmar in May 2008, tallying an eventual death toll of over 100,000 people. The military government of Myanmar initially refused foreign aid and asserted that it could handle all relief and rescue efforts. According to International Red Cross reports, the lack of immediate international support most likely cost thousands of lives.



New York Senator **Hillary Clinton** made a run at America's number one seat as a candidate

in the Democratic primary. After withdrawing from the race, Clinton went on to accept the role of Secretary of State in President Obama's administration.



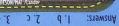
Voters turned out in record numbers with over 133 million Americans showing up at the polls. Social networking websites like YouTube, MySpace and Facebook played a major role in yielding the highest turnout in 40 years.



- I. What is the name of the President's office?
 - a. Square Office
- b. Oval Office
- c. Circular Office
- d. Presidential Office
- 2. The President often flies on a plane provided by the Air Force. What is the name of the plane?
 - a. Whitehouse Air
- b. President's Plane
- c. Air Force One
- d. U.S. Force One

- Which state has yielded the most **U.S. Presidents?**
 - a. Illinois
- b. Texas
- c. New York
- d. Virginia





President Obama's

inauguration was visible from space. Satellite images showed the record-breaking 1.8 million people gathered on the National Mall in Washington, D.C. to be a part of the historic event.

Planet Earth

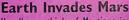


Teens Take Title

A high school team from Mater Dei High School in Evansville, Indiana beat out students from 23 universities to take the Shell Eco-marathon grand prize for designing, building and driving a vehicle that went the farthest distance using the least amount of fuel. The three-wheeled combustion engine car achieved an amazing 2,843.4 miles per gallon. The students won \$10,000 for their invention.

Bird, Mammal or Reptile?

One of the most curious animals on the planet, the platypus, has a duck's bill, mammal fur and snake-like venom. Scientists mapped its genetic makeup, which indicates that this strange looking creature is, in fact, a little bit of all three—bird, mammal and reptile.



Usually we think of Martians invading Earth but it looks like Earthlings will make contact first. In May 2008, NASA's Phoenix Lander arrived on Mars and for the first time discovered ice on the Red Planet.



Trash to Gas

The high price of gas in 2008 put a spotlight on the study of alternative fuel sources. In America, at the University of California at Davis, engineers repurposed table scraps into bio-gas. In similar studies in the United Kingdom and Japan, jellyfish, spoiled milk and confectionary waste were all given new life as alternative fuel sources.



Shipwreck Treasure

Geologists searching for diamonds off the coast of Africa discovered a treasure far more rare—a shipwreck loaded with gold and silver coins, as well as ivory and cannons used to fend off pirates. The ship is thought to be around 500 years old, dating back to the time of Vasco de Gama and Christopher Columbus.



Run Green

Did you know that a running shoe can last 1,000 years in a landfill? Brooks® has designed a shoe that reduces your carbon footprint—literally. The shoe features a new kind of midsole called BioMoGo, which degrades 50 times faster than a standard running shoe. Brooks® estimates that its green footwear will reduce 30 million pounds of landfill waste over a 20-year period.



Ancient Sea Creature Discovered

A new group of plesiosaurs, a reptile species that swam in ancient seas, was discovered in North America. The plesiosaurs roamed during the Jurassic and Cretaceous periods—about 65-205 million years ago. This find represents one of the oldest and most complete skeletons of a prehistoric aquatic reptile ever discovered in North America.



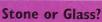
Farms of the Future

In the future, farms could rise straight into the air resembling skyscrapers instead of sprawling acres of land. "Vertical" farming presents many advantages over traditional farming, mainly growing more food on less land. Currently, it takes a plot of land as large as Virginia to grow enough food for approximately 8 million people.



Sustainable Dave

Cameraman Dave Chameides embarked on a study to reduce waste. To showcase his effort he saved all of his trash for one year—only 30.5lbs. In comparison, the average family throws away 1,700lbs of trash annually. Chameides conducts seminars and writes a sustainability blog teaching that "no one can do everything, but everyone can do something."



Add countertops to the list of eco-friendly products, BottleStone, a Los Altos Hills company that makes ceramic stone countertops out of recycled glass, walked away with the \$100,000 prize from the CleanTech Open, a contest showcasing the newest innovations in the world of sustainability. The company said that zero emissions are created in the production of the new surface material, yet the glass countertops are as strong as concrete and cost less than marble or granite.



Teion Ranch Protected

Conservationists and developers in California reached a historic agreement that will permanently protect the Tejon Ranch, 240,000 acres of land just north of Los Angeles. The newly protected area provides a critical habitat to many wildlife species. The strong support for environmental conservation is a sign of the times and will guarantee public access for generations to come.



Running on Air

Zero Pollution Motors, together with automaker MDI, plans to produce an affordable, environmentally-friendly car powered by air. While it won't run like a sports car, it can reach speeds of 35 miles per hour for 60 miles on a tank of compressed air, a sufficient distance for 80 percent

of consumers to commute to work and run errands. On highways, it can cruise at interstate speeds for 800 miles with a small motor that compresses outside air to keep the tank fueled. Vehicle sales are slated for 2011.



Quarter-Sized Slither

A U.S. scientist discovered the world's tiniest species of snake, measuring only four inches long, on the island of Barbados in the Caribbean. Out of 3,100 known snake species, the newly named Zootaxa snake is so small it can curl up to the size of a quarter.



Elusive White Whale Spotted



Super Earth Planets Discovered

Astronomers discovered 45 "super Earth" planets, indicating that one-third of all stars have a solar system in orbit with planets similar to Earth in size. Don't hold out for tiny green men, these planets orbit close to their stars (measuring mean temperatures of 354 degrees Fahrenheit) and cannot harbor life.

Colossal Carats

A potentially record-breaking diamond, totalling 478 carats, was found in the small southern African country of Lesotho. Although not the largest diamond found to date, this particular stone is valued for having the highest possible color rating for a white diamond and its potential to produce a polished stone of over 100 carats-now that's a rock!



ER L WOLLENBERG/UPI /La

build a replica.

Find at

Ferry Farm

George Washington's

boyhood home was

discovered at Ferry Farm,

along the Rappahannock River

exciting find revealed many

near Fredericksburg, Virginia. The

artifacts that could have been used

Eye on the Environment

Around the globe, evidence of climate change continued to make news.

In 2008, a 160-square mile chunk of Antarctic iceseven times bigger than Manhattan-broke away, placing more glacial ice at risk.



Carbon dioxide is entering the atmosphere at a faster rate than plants and oceans can absorb it.



needle in a haystack." Solar Wind Source Found

A rare sighting of a white killer whale

had biologists running for their

cameras. The scientific team on

board the Oscar Dyson spotted

the nearly mythical creature

According to the research

was the equivalent to finding a

off of Alaska's Aleutian Islands.

biologist who snapped a photo

of the animal's back and fin, it

With the help of images shot from the Hinode space observatory, scientists pinpointed the source of the stream of particles that make up slow solar wind. Astronomers knew where fast solar wind originated but knew little about slow solar wind. Now scientists know that it comes from the region above the Sun's equator allowing them to better understand the dynamics of space weather and solar storms.

by Washington while he lived on the farm from 1738-1754. Archaeologists were able to piece together the home's structure, making it possible to

Under the Sea

A marine survey revealed thousands of discoveries from beneath the surface of the sea, including a city of starfish and a carpet of crustaceans. The Census of Marine Life is part of a worldwide project to understand life under the sea. The census is expected to reveal important information about 230,000 known marine species and possibly identify more than 5,500 new species.

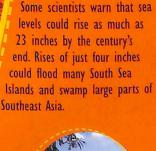
Test Your Environmental Knowledge

- I. How much water can you save per day by turning off the faucet while you brush your teeth?
 - a. 8 gallons
- b. 100 gallons
- c. 20 gallons
- d. 50 gallons
- 2. If every household in the U.S. used recycled paper towels, how many trees would be saved each year?
 - a. 1,000
- b. 544,000
- c. 200
- d. 200,000

3. Over one million plastic bags are used per minute worldwide.

True or False





More than a million species

climate change including the

polar bear, which in May

2008 was officially added

to the list of endangered

species.

face extinction due to



Tech Topics

Walk This Way

Discovering new ways to generate energy is a top priority. Kinesiologist Max Donelan from Simon Fraser University invented a device that harvests

energy from the simple and routine act of walking. The 3.5 lb. device wraps around each knee generating five watts of power-enough to charge 10 cell phones



Large Hadron Collider

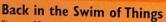
Scientists at the European Organization for Nuclear Research developed the Large Hadron Collider (LHC) that smashes atom protons together at 99.9999% of the speed of light. The \$9 billion device allows scientists to test physics theories and better understand the nature of matter. Unfortunately, nine days after its debut, the "atom smasher" suffered \$21 million in damages as the result of an electrical failure. Research is planned to resume after the repairs are completed.





Get a Life-Form

It's not what "they" will think of next, but what gamers will create in their own video game experience. SporeTM, the new game by Will Wright, the creator of SimCity and the Sims, allows players to design their own unique life-form and manage every aspect of its progression through centuries.



Pierre, a 25-year-old penguin at the California Academy of Sciences, was losing his feathers. Without waterproof feathers penguins cannot survive the cold. An aquatic biologist created

a wetsuit for him like the ones humans wear making it possible for him to join his fullyfeathered

friends.



Floating Ads

Created by a company called Flogo, these new floating advertisements can take the shape of anything you want-from simple messages to images of superheroes. The "clouds" are made by combining soap-based foams with lightweight gases such as helium. The company uses repurposed artificial

snow machines to create the floating ads which last 30-40 minutes on average and don't pollute environment.



Let's Get Chumby

The newest form of on-the-go entertainment, Chumby connects

to your wi-fi to keep you upto-date on your favorite music, These courtesy of Chumby In podcasts. celebrity news,

videos, games, photos and more. Chumby technology delivers your favorite parts of the Internet, leaving the keyboard and computer behind.

Computer Hears

Dictation software is nothing new but Nuance's Dragon® NaturallySpeaking® 10 is the first program on the market that adjusts for the different ways people speak. The program recognizes eight accents including Australian, British, Spanish and Southern United States and



understands basic commands such as "italicize" and "search." Now if it could only do your homework

Cuba Gets Wired

Desktop computers, a technology that is considered a necessity in the U.S. became available to Cuba's public market for the first time ever. While few could afford the OTech computers that cost nearly \$800, electronic

stores throughout Cuba drew crowds of excited onlookers. STEVE MARCUS/Reuters /Lando

Superhuman Contacts

Soon you may be able to use bionic contacts to zoom in on distant objects, displaying useful facts about what you see. These super-power lenses use tiny lightemitting-diodes (LEDs) powered by solar cells and a radio frequency receiver to display images and information in midair. The invention could prove beneficial to drivers and pilots as well as video gamers by projecting directions and speed within their view, eliminating the need for external screens.



Clean Keys

Seal Shield LLC introduced the world's first fully submersible, dishwasher safe, antimicrobial, glow in-the-dark keyboard. The Silver Seal FlexTM keyboards have the potential to reduce the risk of getting sick from colds and other communicable diseases

Going Digital

U.S. households prepared for television's final transition from analog to digital. To help consumers absorb the cost of a necessary converter box, the government issued \$40 vouchers. The Obama administration sought support from Congress to postpone the transition after the Commerce Department reached its funding limit. The request was passed by the Senate as consumers continued to prepare for the digital switch.

Off the Chain

No need to worry about pinching your finger or getting your pants stuck in a bike chain. Wisconsin-based Trek Bicycle introduced two models of chainless bikes that move using the same technology as motorcycles and snowmobiles. These bikes are low maintenance, environmentally friendly and light weight making them ideal for city commuters.





No Ordinary Pen

The Pulse™ smartpen developed by Livescribe is the latest "it" gadget that transforms an ordinary pen into a digital tool. The high-tech pen records what you hear or say

while writing, plays back your recordings and provides visual cues on a tiny imbedded display screen. The information can then be downloaded to your computer for easy editing.

You Play, i.play

Playgrounds in the U.K. are taking on a new look with the i.play system. This breakthrough combines interactive electronics with conventional playground equipment. The system's intelligent design adjusts according to a child's performance to keep them engaged and moving.





Goodbye **Dentist** Drill

It won't get you out of your yearly dental checkups, but the dentist drill could soon be gone.

Scientists began development on a formula to allow teeth to re-grow the crystals that make up dentin and enamel; materials that make teeth the strongest element in the body.

Sitting on Cloud 9

Forget sandy beaches, the British have a new way to relax: an acrylic lounger that can hover in midair. The gravity-defying chair developed by Hoverit LTD works by repelling magnetic forces producing the sensation of floating on a cloud.



The Auto Age

One-hundred years ago the Ford Model T was introduced. In the years to follow, vehicle technology and innovation continued to evolve.

The Model T changed the face of transportation when Henry Ford began using the conveyor belt for production, making cars affordable for the masses. Following in its footsteps came the "family utility" vehicles, the station wagon (1947), mini van (1983) and SUV (1990), accommodating the growing needs of busy families.



High-Tech Gift Cards

Retailers went high-tech with gift cards to entice consumers. Best Buy created a card with tiny speakers and a headphone jack allowing users to listen to their favorite music, while Target® introduced a 1.2 megapixel camera gift card. Lucky recipients enjoyed two gifts in one.

Design for a Cause

Dell unveiled an exclusive gallery of artistic designs that consumers may purchase to personalize their laptop. With every sale, Dell contributes \$20 to The Global Fund, a charity helping AIDS patients in Africa.



Bionic Hand

The world's first bionic hand was created by Touch Bionics. The iLimb's revolutionary motorized fingers have the ability to grasp narrow objects and the power to hold heavier objects like coffee cups, giving users more independence.

Test Your NASA Knowledge

Did you know? NASA celebrated its 50th birthday this year. What started in 1958 as a small laboratory with 80 employees is now an agency with more than 17,000 people in 10 centers around the country.

- NASA has focused its efforts on a return to the moon, where they intend to
 - Someday build a sustainable long-term human presence
 - Return moon rocks from previous missions

© DAVID CHESKIN/PA Photos /Lando

- c. Have a fashion show featuring newly designed space suits
- What is the name of the Galaxy in which we live?
 - a. Andromeda
 - c. Galactose
- b. Milky Way d. Alpha Quadrant

3. Astronauts will soon be able to send and receive emails while in space. True or False



Hybrid technology emerged as consumers demanded fuel efficiency. Honda's Insight, the first hybrid marketed in the U.S. led the way for many other top automakers to develop their own line of gas/electric vehicles.



Imagine the Next 100 Years. Automakers plan to push automotive technology even farther by promoting eco-chic cars, electrically powered luxury vehicles for drivers who don't want to compromise strong design for environmental friendliness.





Steel-ing the Win

The Pittsburgh Steelers won a record-setting sixth Super Bowl title by defeating the Arizona Cardinals. A game-winning touchdown in the final seconds moved the score to 27-23. giving the Steelers a tension packed last-minute win. Steelers' wide receiver Santonio Holmes was named MVP.

Double-Dutch

Double-dutch is now an officially recognized sport in New York City high schools. A year after cricket was inducted as a varsity sport, school administrators have added double-dutch as a way to increase student participation in competitive sports. Cycling, badminton and netball are also being considered.





Ryan Sheckler, the X Games' youngest street skateboarding gold medalist at age 13 in 2003, struck gold again at the 2008 Games. Female skateboard champ, Elissa Steamer, returned to claim her fourth gold medal.



Michael Phelps was the shining star of the 2008 Beijing Olympics, winning eight gold medals, breaking Mark Spitz's record for most gold medals won in a single Olympic Games. Phelps swam 17 times over nine days and broke the world record in four of his five individual swims. His three relay teams also set world records. Phelps' achievements led to Sports Illustrated naming him 2008 Sportsman of the Year plus numerous endorsements.





Serena's Comeback

A backhand shot signaled tennis star Serena Williams' return to glory. With her 6-4, 7-5 victory over Jelena Jankovic at the US Open, Williams regained the No. I world ranking, a title she last held in 2003. The gap between achieving No. I world rankings is the longest in history for a woman or a man.

Immelman Grabs Green

Trevor Immelman overcame Tiger Woods and Phil Mickelson with a score of 75 in the final round to win the coveted green jacket at the Masters in Augusta, Georgia. Vijay Singh was the season's overall winner scoring the most points and claiming the FedEx Cup and its \$10 million prize.



Racing Victories

2008 was a year of surprises in car racing, especially for Danica Patrick and Jimmie Johnson. Patrick was in the spotlight, becoming the first woman ever to win an Indy Car race. Johnson won his third straight NASCAR Sprint title, making him one of two drivers in NASCAR history to win three championships in a row in the marquee series. With his win, Johnson tied Cale Yarborough's 30-



Win for Shin Twentyyear-old Ji-Yai Shin of South Korea became the

first non-LPGA member to win three LPGA events with her win at the ADT Championship, marking her 11th worldwide victory in 2008. The event was bittersweet for women's golf legend Annika Sorenstam who failed to make the cut in her last official LPGA tournament before retirement.



Celtics Win 17th NBA Title

The Boston Celtics won their first NBA title in 22 years. In Game 6 of the playoffs they won with a 131-92 blowout over the Los Angeles Lakers. The win was also the first for the "Big Three," Paul Pierce, Kevin Garnett and Ray Allen.

Tiger Tamed

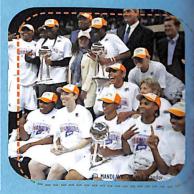
After winning the U.S. Open, golf legend Tiger Woods announced that he had been playing with a leg injury. Despite his injury, Tiger played 91 holes, defeating Rocco Mediate on the 19th hole of the playoff. Woods chose to end his season early to treat his injury. The famous golfer has 65 victories;

ranking third of all-time on the PGA Tour with 14 professional majors, making him second only to the record 18 won by Jack Nicklaus.



Silver Stars Shock-ed

The Detroit Shock swept a three game series over the San Antonio Silver Stars to win their third WNBA title. Katie Smith, Detroit leading scorer in all three games, was named Finals MVP.



Hole-in-One Times Five!

Amateur golfer Curt

Hocker of central Illinois hit five hole-in-ones in one week at the El Paso Golf Club. The 22year-old, who works in the club's pro shop, has recorded seven aces (five on par-4s) and two other double eagles in the past year. Hocker, along with his friends and family who witnessed his strokes of luck, is mystified by the repeat performances.



MLS Cup Glory

For the first time in franchise history, the Columbus Crew became Major League Men's Soccer champions with a 3-1 win over the New York Red Bulls. League MYP Guillermo Barros Schelotto scored a Cup Final-record three assists to help deliver the championship in only his second season.



The U.S. Women's Soccer National Team captured the Algarve Cup once again, defeating Denmark 2-1 at Municipal Stadium in Portugal. The team went on to win the 2008 Peace Queen Cup with a 1-0 victory over Canada. The victory marked the second time the U.S. has defeated Canada by a 1-0 score to win the Peace Queen Cup.



Wimbledon Winner

The 122nd Wimbledon Championship concluded with a grand finale, when Spain's Rafael Nadal brought down five-time champion Roger Federer in the longest men's final in the history of the All England Club. Nadal's victory took four hours and 48 minutes of actual playing time.

Olympic

In August, 204 countries participated in the Summer Olympic Games in Beijing, China and captured the attention of a global audience.

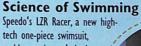
Opening Ceremony - At promptly 8 p.m. on the eighth day of the eighth month of 2008 (eight is considered one of the luckiest numbers in China) millions of people around the world watched the opening ceremony. The extravaganza was a mix of music, artistry and fireworks showcasing China's national pride and 5,000 years of tradition. The \$300 million event with a cast of 14,000 raised the bar for future Olympics.



Run for the Roses

Big Brown won the 134th running of the Kentucky Derby in a final kick that gave him a 4 3/4-length victory before a crowd of 157,770, the second-largest in history.

With this win Big Brown became the seventh undefeated Kentucky Derby winner in history. The victory celebration was eclipsed by a fatal injury to Eight Belles, the second place winner.



tech one-piece swimsuit, molds a swimmer's body into an aerodynamic shape, potentially giving swimmers more buoyancy in the water. Several swimmers, including Michael Phelps, debuted the suits at the 2008 Summer Olympics.

Fantastic Phillies

After 25 years, the Philadelphia

Phillies' won the World Series

trophy. Despite a rain-delayed

game, they took down the

Tampa Bay Rays 4-3 in
Game 5 to win their
second World Series title.
The team named Cole
Hamels MYP. Hamels out
pitched Scott Kazmir for
a 3-2 win in the opener,
then tossed six effective

innings before the delay,

but never pitched in the

final game. Hamels finished

1-0 with a 2.77 ERA in two

World Series starts.



Red Wings Capture Cup

After a surprising loss in Game 5, the Detroit

Red Wings made a triumphant comeback in

winning 3-2 against the Pittsburgh Penguins.

The Stanley Cup win was the fourth for the

Game 6 of the 2008 Stanley Cup Finals,

© TH VINSOANE/Resters (Landor

Fabulous over 40

Dara Torres, 41, surprised everyone when she returned to her fifth Olympic Games with teammates nearly half her age. Torres won the silver medal in the 50 meter freestyle sprint final, swimming a personal best of 24.07 seconds, but missing the gold by just .01 seconds.

Bolt Sprints to Win

Jamaican born Usain Bolt took
the track by storm with three
record-setting runs which all
won him gold medals. Bolt now
boasts the title "Fastest Man
Alive," running the 100 meter dash
in 9.69 seconds.

-inmaica



Test Your Baseball Knowledge

Did you know? The catchy jingle, "Take Me Out to the Ball Game," written by Jack Norworth, is 100 years old.

- I. Which Major League Baseball player holds the record for the most homeruns?
 - a. Alex Rodriguez
- b. Babe Ruth
- c. Barry Bonds
- d. Hank Aaron
- 2. What is the most popular food to eat at a baseball game?
 - a. Pizza
- b. Hot Dogs
- c. Peanuts
- d. Cracker Jacks®

- 3. How many Major League Baseball teams are there in the U.S.?
 - a. 30
- b. 75

team in 11 seasons.

- c. 15
- d 102





Chart Toppers

Surfboard Goes to... Gossip Girl has six more reasons (in the form of surfboard trophies) to rule the school. The Teen Choice Awards were selected based on over 30 million votes cast online by teenagers who hailed the prep-school

drama as their top choice. Chace Crawford and Blake Lively each took home a Breakout Actor Award. The Jonas Brothers also took home six awards: Choice Breakout Band, Choice Male Hotties and Choice Male Red Carpet Icons, Choice Music: Single, Choice Music: Summer Song and Choice Music: Love Song.

AMA Winners

Chris Brown was the big winner at the American Music Awards taking home three awards including Favorite Male Pop/Rock Artist. Kayne West, Rihanna and Alicia Keys also walked away with multiple awards, while newcomer Taylor Swift was awarded Favorite Female Country Artist.



Good as Gold

The uplifting film Slumdog Millionaire, presented partly in Hindi, charmed the Golden Globes judges, who awarded it Best Dramatic Picture. The night's other big winners included Kate Winslet for Best Actress in a

Drama for Revolutionary Road and Best Supporting Actress for her role in The Reader. Mickey Rourke made a comeback in The Wrestler winning Best Actor. The HBO television series John Adams picked up four awards while NBC's 30 Rock was named Best Comedy with its star and creator Tina Fey picking up Best Actress in a Comedy and her cast mate Alec Baldwin winning Best Actor in a Comedy.



Juanes Sweeps Latin Grammys

The 2008 Latin Grammy Awards was a night to remember for Colombian rocker Juanes, who took home five awards for Record of the Year, Album of the Year, Song of the Year, Best Short Form Video and Best Male Pop Vocal Album. Newcomer Kany Garcia won Best New Artist and Best Female Pop Vocal Album. Marc Anthony also walked away with the Best Salsa Album award.

John Adams Rules

HBO ruled the 60th Primetime Emmy Awards, winning a record 13 Emmys for its hit mini-series John Adams. The first Emmy for outstanding host for a reality or reality-competition program was awarded to leff Probst of Survivor. The Daily Show with Ion Stewart prevailed as outstanding comedy series and CBS's The Amazing Race was named outstanding reality-competition program-both show's victories marked a record breaking six



Mariah Moves Up

Chart-topper Mariah Carey broke Elvis Presley's record for No. I hits on the Billboard Hot 100 with her 18th hit single, making her second only to The Beatles. The single that broke The King's record comes from her latest album $E=MC^2$ —a follow up to her best-selling Grammy-winning release, The Emancipation of Mimi.





Moon Man Madness

The Video Music Awards gave out the famed moon man trophy to the year's top video performers. Chris Brown won Best Male Video for

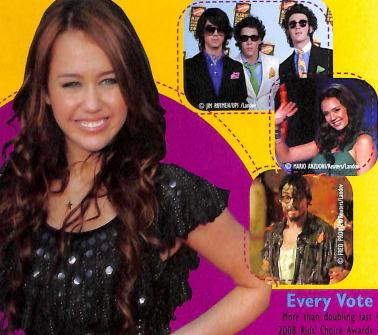
With You and Lil Wayne won Best Hip-Hop Video for Lollipop. Britney Spears took home three awards for her Piece of Me video winning Video of the Year, Best Female Video and Best Pop Video.



star entertainers like Missy Elliott, who won Best Female Hip-Hop Artist and Kanye West, who took home Best Male Hip-Hop Artist. UGK and Outkast won Video of the Year for International Player's Anthem (I Choose You). Heartthrob Chris Brown snagged the Best Male R&B Artist award and Alicia Keys won Best







Every Vote Counts!

More than doubling last year's record, 88,254,272 kids voted for Nickelodeon's 2008 Kids Choice Awards Johnny Depp, Jessica Alba, Eddie Murphy, Miley Cyrus, Drake Bell. The Jonas Brothers and Chris Brown were among the stars to receive coveted orange Blimps, Favorite Movie went to Alvin and the Chipmunks and Favorite

Female R&B Artist.

Gone Country

George Strait took home four trophies from the 42nd annual Country Music Awards. To date he has received 22 awards, an industry record. Kenny Chesney picked up his fourth Entertainer of the Year Award, and Brad Paisley won his second Male Vocalist and fourth Music Video of the Year Award for Waitin' on a Woman. The night wasn't all about the guys. Carrie

Underwood, who also became the newest member of the Grand Ole Opry, snagged her third consecutive Female Vocalist of the Year Award.



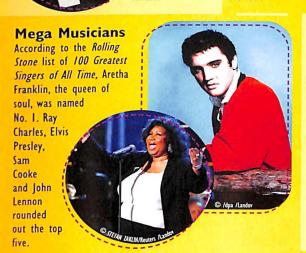
Top 5 of 2008

Movies

1. 1	The	Dark	Kni	igl	ht								.\$530,722,000
2. Ir	оп	Man										•	.\$318,313,199

3. Indiana Jones and the

(According to Box Office Majo)



80th Annual Academy Awards®

The stars were out in full force at the Academy Awards, hosted by comedian Jon Stewart. No Country for Old Men won Best Picture with its cast taking home awards in various acting categories: Daniel Day-Lewis emerged Best Actor and Javier Bardem

won for Best Supporting Actor. Marion Cotillard won Best Actress for her portrayal of French singer Edith Piaf in La Vie en Rose. Tilda Swinton won Best Supporting Actress for her role in Michael Clayton.



Songs

Flo Rida Featuring T-Pain

2. Bleeding Love Leona Lewis

> 3. No One Alicia Keys

> > 4. Lollipop Lil Wayne featuring Static Major

5. Apologize Timbaland featuring

(According to Billboard Hot 100)



People Award Dark Knight

The Dark Knight emerged as the people's favorite in the movie category, winning five People's Choice Awards including Favorite Action Movie and Favorite Superhero. Other winners included 27 Dresses for Favorite Comedy, Heroes for

Favorite Sci-fi/Fantasy Television Show and The Simpsons for Favorite Animated Comedy. Tina Fey won Favorite Funny Female Star and Ellen DeGeneres won Favorite Talk Show Host. In vocals, Jordin Sparks, Carrie Underwood and

Chris Brown all took home awards.

Music's Biggest Night

Amy Winehouse was the star of the 2008 Grammys, winning five awards for Best New Artist, Song of the Year, Pop Vocal Album, Female Pop Vocal Performance and Record of the Year. Herbie

Hancock won Album of the Year for River: The Joni Letters, while hip-hop artist Kanye West took home four awards of his eight nominations. Carrie Underwood earned two Grammys: Best Female Country Vocal Performance and Country Song.



Test Your Music Knowledge

- At 14 years old, this person was the youngest to ever win a Grammy.
- With the release of his/her 3rd album, this singer/actor breaks the record for youngest person ever to have three No. I albums in two years.
- At the age of 13, this singing sensation became the youngest person to hit No. I on the Billboard music charts.



Search Terms

I. Obama

2. Facebook

3. att (AT&T)

4. iPhone

5. YouTube

(According to Google Zeitgeist)



The Scoop

Sole Survivor

Thanks to decades of fans who have adopted Converse shoes as part of their rock-star

wardrobe the company celebrated its 100-year anniversary. Converse reinvented classic designs in its Century footwear collection to honor its

achievement.

Tough

Guys

Rule

"Tough

Guy TV"-

reality

shows

chronicling the lives of men in life-

MARIO ANZUONI/Reuters Plando

threatening professions, from king crab

audiences riveted with its realism,

highest-rated unscripted series.

fishermen to ice road truckers to adventurers

relying on survival skills in the wilderness, is

dominating the airwaves. This new genre has

documentary-style format and unpredictable

action. The Discovery Channel's shows Deadliest

Catch and Man vs. Wild are among cable TV's



Text Mania

Figures show that traditional landlines are becoming a thing of the past. The cell phone is

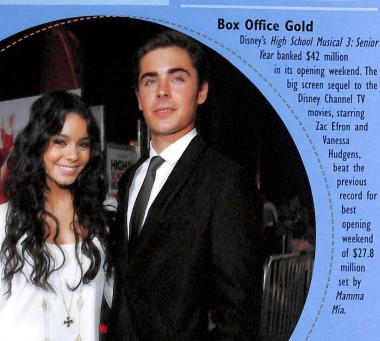


especially for tweens and teens whose personal style is expressed with cell phone accessories and whose communication revolves around email and text messaging. According to Neilson ratings, the average teenager texts 1,742 times per month, that's an average of 58 times per day!

100 Years of FBI

Established in 1908 by the Attorney General, the Federal Bureau of Investigation started with only 34 special agents. Today, the FBI, headquartered in Washington D.C., employs over 30,000 people including more than 1,200 special agents and over 18,000 professional support staff in offices around the world.





Long Overdue

A library book checked out from a Tulsa, Oklahoma high school in 1947 was returned 61 years later. The book, New World Analysis: Or, School Etymology of English Derivative Words was discovered by the woman who had originally checked it out when she was cleaning her home. She sent the book back to the library with a note and a check for \$250 to cover any late charges.



Superhero Fans Rejoice

Forty-five years after it was created by Stan Lee and Jack Kirby, X-Men fans celebrated the 500th issue of the popular comic book. The anniversary was marked with a surprise move: the outcast heroes left their Westchester, New York mansion for San Francisco.



A JIGNATURE DELENSTATE - WEE A JAGMATURE -

Dark Knight Shines Bright

The Batman sequel The Dark Knight earned \$314 million in just 10 days, making it the fastest film to earn \$300 million. The previous record was held by Pirates of the Caribbean: Dead Man's Chest, which reached \$300 million in 16 days.

Thank You Mom

Mother's Day turned 100 in 2008. The U.S. Census Bureau estimates that there are 83 million mothers who celebrate Mother's Day. The National Retail Federation estimates that Americans spend \$15 billion a year honoring their mothers; however, the holiday is celebrated in 52 countries around the world.



Fabulous Fashion Finale

After a season filled with drama and overthe-top fashion, soft-spoken Portland, Oregon designer Leanne Marshall was named the winner of Bravo's hit reality show Project Runway hosted by supermodel Heidi Klum. Marshall beat out contestants Korto Momolu and Kenley Collins to win the \$100,000 grand prize to start her own line and the opportunity to sell her collection on Bluefly.com. The series finale was the first time in the history of the show to feature an all-female lineup.



To Infinity and Beyond!

science, technology and math to students.

Buzz Lightyear, the popular Disney/Pixar character, embarked on a new mission aboard the STS-124 space shuttle. The space ranger from the Toy Story movies delivered the next piece of the Japanese "Kibo" laboratory to the International Space Station, where he remained for five months. The action figure's adventure was part of a collaboration with NASA and Disney Parks to promote the importance of

Smarter Than a 5th Grader?

Kenton Stufflebeam, a 5th grader on a trip to the Smithsonian Museum, discovered an error on one of the exhibit signs.

While touring the Tower of Time, a display featuring prehistoric exhibits, the boy pointed out to his parents a sign that identified Precambrian as an era, which he knew was wrong. He learned from his teacher that it is a dimensionless unit of time.





Feathers Fly!

The first World Pillow Fight Day brought thousands of people together turning 35 cities into playgrounds. The event's intent was to promote creative uses of public spaces and the power of a shared common goal. Plus, it was a lot of fun!



MTV's famed countdown show, Total Request Live (TRL), aired its final episode in New York



City. The show debuted in 1998 and boosted the careers of superstars like Justin Timberlake, Christina Aguilera and Destiny's Child. Beyoncé gave a showstopping performance during the show's finale.

Vacation Idol

The new American Idol attraction at Disney's Hollywood Studios in Lake Buena Vista, Florida is similar to the Fox singing competition-allowing theme park guests to show off their singing skills by auditioning and performing before a live studio audience.



handbags, shoes and belts added shine to outfits from

coast to coast.

Skinny Jeans were paired with a variety of footwear. Girls wore them with knee-high boots, flats or platform sandals while guys wore them with tennis shoes or motorcycle boots.

> Eco-wear Collections from designers and clothing manufacturers such as Levi's introduced products made from organic cotton and other earth-friendly materials.

Trend Watch



A Toy for the Imagination

Despite all the fancy high-tech toys available, nature's own stick was inducted into the National Toy Hall of Fame this year. Toy experts selected the stick because of its versatility, natural ingredients, appeal to the imagination and it's free. More traditional inductees this year included the baby doll and skateboard.



Say Papaya

As if ice cream wasn't good enough, scientists are working on a way to make your favorite flavor extra velvety smooth. Using gelatin and papaya protein, a University of Wisconsin researcher developed an "edible antifreeze" that prevents ice crystals from forming in ice cream, so that it stays creamy and smooth with every bite.



Get Smart ... Feed the Hungry

Sixth-graders in Indiana have no shortage of motivation to learn new words. When students play a vocabulary game at FreeRice.com, 20 grains of rice are donated to the World Food Programme for each correct answer. Eight thousand miles away, students at Palwong Elementary in northern Uganda receive a nutritious lunch. The game has generated 28 billion grains of rice ... that's enough food to feed more than I million people for one day.



Metallics added glamour

to accessories, shoes, jeans

and dresses.

Technicolor Fashion

had clothes covered-from dresses, tops and leggings to jewelry, shoes and other accessories.



Test Your Crayon Knowledge

Did you know? The Crayola 64 Box is 50 years old. To commemorate the event, nearly 20,000 kids across the country helped select and name a special set of "Kid's Choice Colors" that include a color palette of "super happy," "fun in the sun," "giving tree" and "best friends" among others.

- What is America's No. I Crayola Crayon color?
 - a. Plum
- b. Blue
- c. Electric Lime
- d. Black
- How many colors were included in the first box of Crayola Crayons?
 - a. 16

c. 8

Crayola has made enough crayons, that if they were laid out end to end, they would circle the globe 200 times.

True or False

All About Me

My Name: My Signature:

My Age: My Hobbies:

My Cash

This is how much I paid for:

A Movie:

A Concert:

A Pair of Jeans:

A Pair of Shoes:

Other Stuff:



My Future

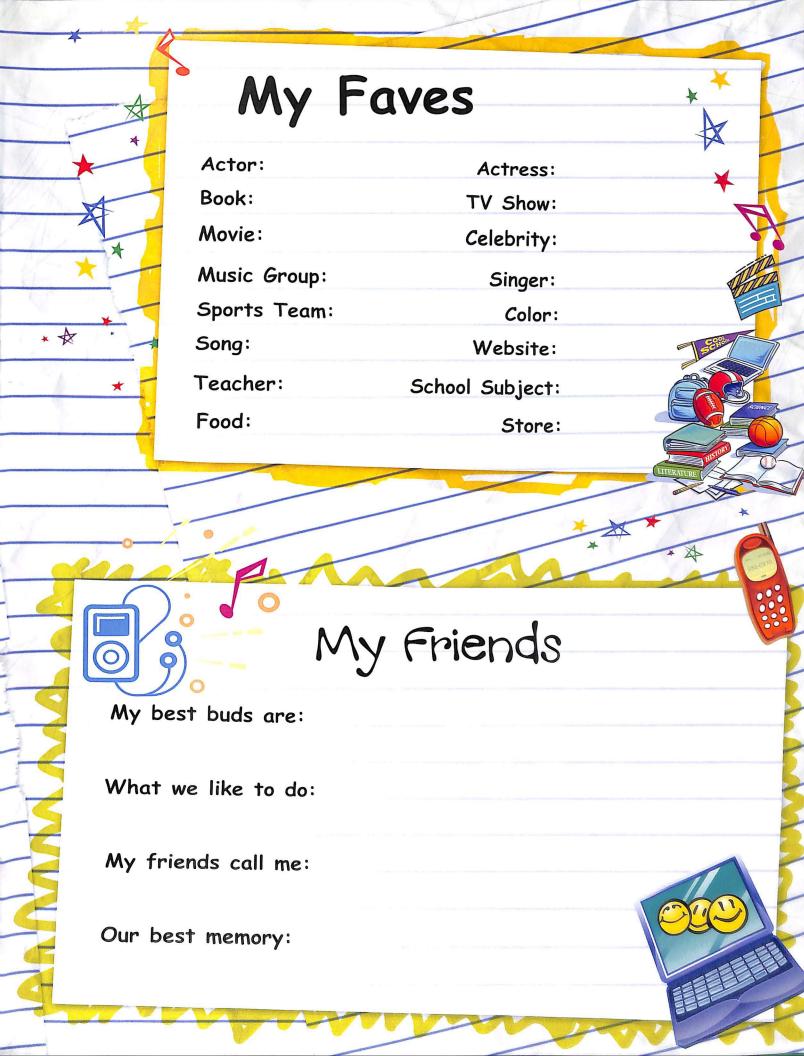
When I grow up, I want to be:

I want to live:

I will drive:

My pets will be:

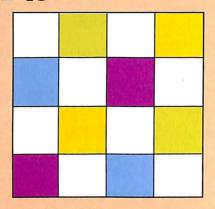




fun & Games

BRAIN TEASERS

- I. How many squares can you count?
 - a. 16
 - b. 20
 - c. 31
 - d. 36



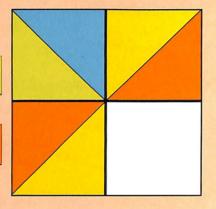
2. Which image belongs in the empty square?











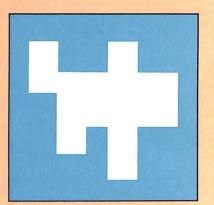
3. Which image fills the space?











ния: Вагаск Ораша

4. They can be tossed 5. They are fish
Word Scramble 1. Precambrian 2. BioMoGo 3. Beijing 4. Danica Patrick 5. Mothers

Commonyms: 1. They are fingers 2. All have frames 3. They are tables

ANSWERS:
Brain Teasers: 1. C 2. b 3. d

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COMMONYMS

What does each group of words have in common?

Example:

Olympics • Leap Year • Presidential Elections They happen every 4 years

1. Index • Pinky • Ring

2. Door • Painting • Eyeglasses

3. Picnic . Pool . Coffee

4. Ball . Salad . Coin

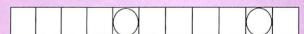
5. Dog • Cat • Gold

WORD SCRAMBLE

Unscramble the words below. The answers can be found throughout Zoom. Use the highlighted letters from each word to answer the final scramble below.

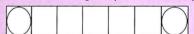
I. NBRCAAPMERI

A dimensionless unit of time



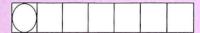
2. IOBGMOO

An item to lighten your carbon footprint



3. JIGBIEN

A golden city for Michael Phelps



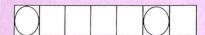
4. AACDNI RCKAIPT

First female to win in her profession



5. OERHSMT

A day held in their honor turned 100



He was voted TIME's 2008 Person of the Year



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