



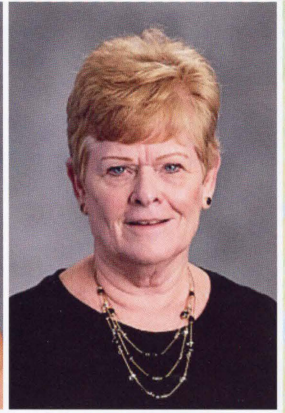
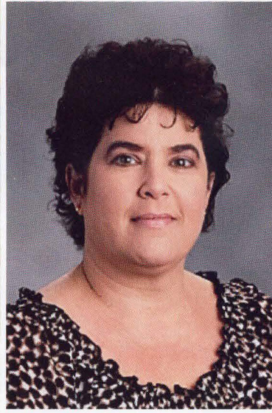
Mrs. Edna May Dye

Founder of Pinecrest Schools, 1951

"In Life, remember three things:
Look, Listen and Learn!"

Administration and Office Staff

Mrs. Rosa Pedvin, Campus Director
Ms. Cheri Mee, Preschool Director
Mrs. Anita Warrick, Office Manager



Mrs. Kristie Cooper, Office Assistant
Ms. Tammy Lanzendorf, Asst. Preschool Director



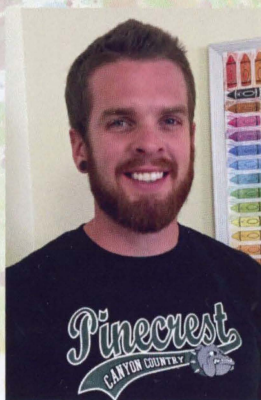
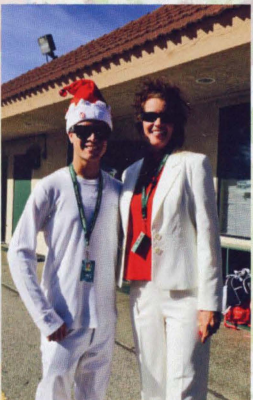
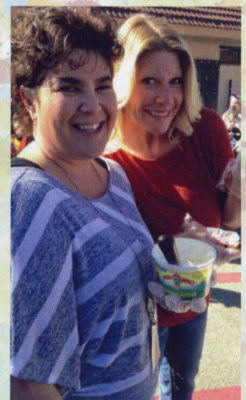
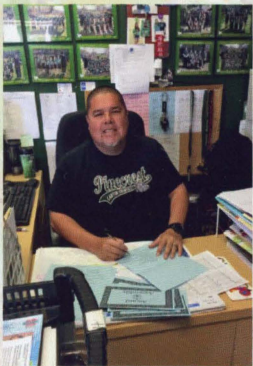
Faculty and Staff



Mrs. Kim Acevedo
Mr. Francisco Alegria
Mrs. Marcia Coreas
Ms. Jennifer Fannon
Mr. Daniel Green
Mrs. Carlie Hernandez

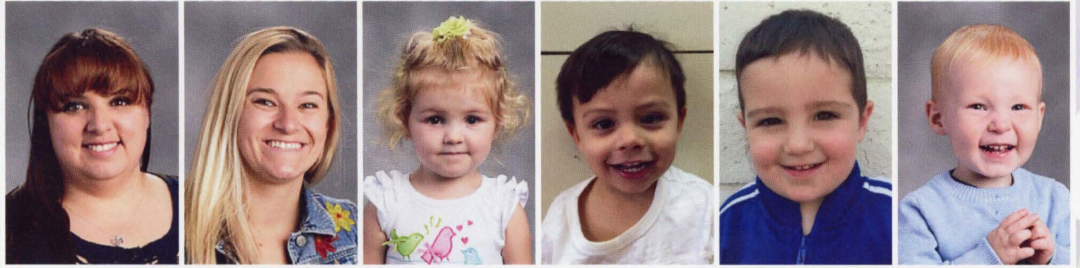
Ms. Penny Karppinen
Ms. Maria Lau
Mr. Valentine Lopez
Mr. Sergio Martinez
Mrs. Frances Mendibles
Coach Ed Montoya

Ms. Darla Ness
Mrs. Sindee Rhodes
Ms. Angelica Serna
Mr. German Vasconez
Coach Theresa Washburn
Coach Garren Smiley



Toddler Room 1

Mrs. Mary Morales
Mrs. Missy Waldron
Lotus Beck
Jack Cooper
Erik Howard
Andrew Janus



Andrew Meyer
Julian Tang



Transition Preschool Room 2



Ms. Mickie Vanicek
 Aviad Cohen
 Anthony Coreas
 Emma Fleck
 Avery Johnson
 Ella Looper

Sophia Makely
 Aidan Mendoza
 Riley Mustac
 Easton Newsom
 Bailey Welch
 Vaughn Woodside



Preschool Room 3

Miss Dani Hughson
Ethan Acevedo
Kinsey Church
Logan Di Novi
Marissa Guzman
Anthony Huang



Daniel Jacob Jr.
Gracen Kim
Ashley Nelson
Jade Perez
Mia Reyes
Casey Robinson



Brett Thome



Pre Kindergarten Room 5



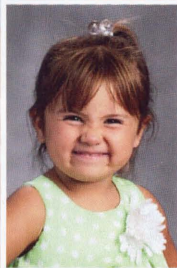
Mrs. Pam Mockenhaught
Mrs. Jenny Von Tungen
Eleanor Agcaoili
Jaydin Alrabadi
Asher Beck
Isabelle Chavez



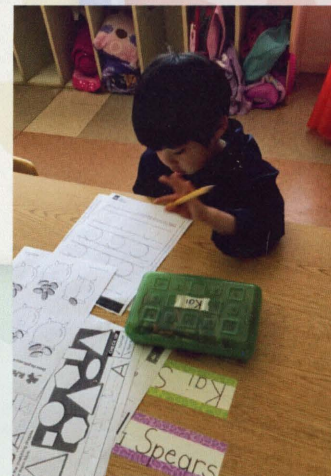
Khloe Church
Riley Cude
Ashley Davis
Natalia Hoyos
Cassidy Parker
David Rogstad



Emily Ryan
Jaxx Sawdon
Omar Shammout
Kai Sheen
Brianna Spears
Kevin Stevens



Lana Toepfer



Junior Kindergarten Room 6

Mrs. Marie Gonzalez
Juliana Castelo
Itai Cohen
Emile Fletcher
Kyle Howard
Angel Nnaji



Sahej Sarai
Claire Steidl
Leigha Vince



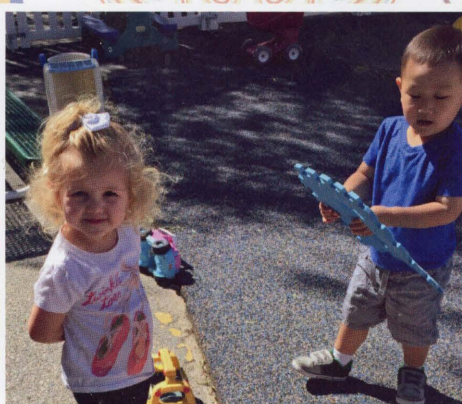
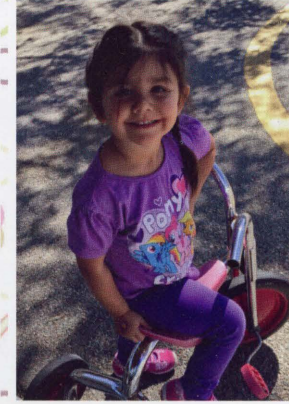
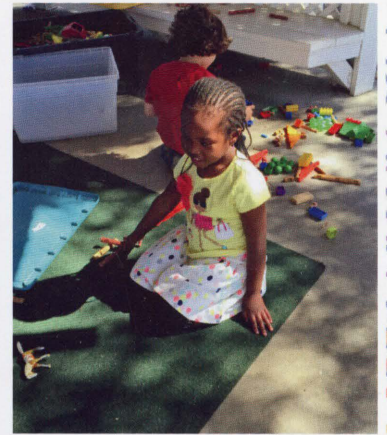
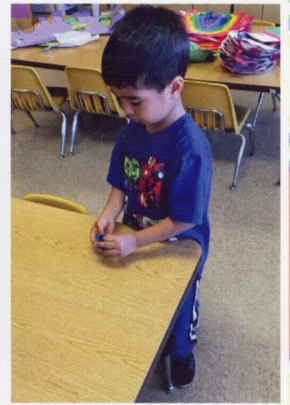
2015





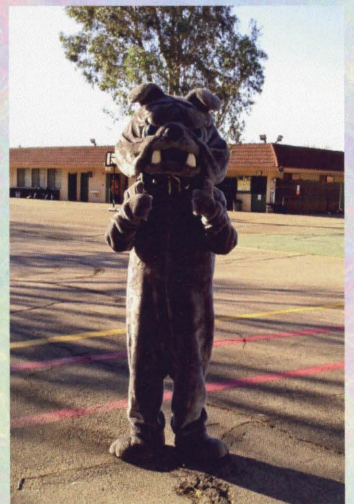
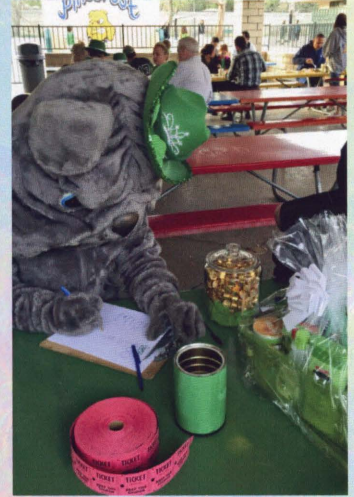
Preschool

2015





Bulldog Spirit





Kindergarten Room 9



Mrs. Ann Marie Webb
Mrs. Carlie Hernandez
Khalil Calhoun
Ethan Chic
Jacob DeJournett
David Gomez

Meghan Gruber
Lani Guerrero
Chase Hutchison
Trent Jensen
Jordan Kim
Cyrus Kym

David Lindlief
Rylee Miller
Kaden Mock
William Mohkami
Brady Newsom
Keira Rubenstein

Robert Spears
Thomas Spears



First Grade Room 8

Ms. Shirley George
 Ms. Darla Ness
 Sanad Alrabadi
 Alexis Chavez
 Alexander Crump
 Enzo Di Novi



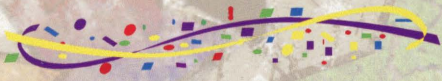
Brianna Duenz
 Soren Eoff
 Adrian Guerrero
 Allyson Hale
 Ryan Johnson
 James Moss



Patrick Nnaji
 Giovanni Pizarro
 Sarah Quayyum
 Mason Richardson
 Emma Sosnicki
 Joshua Villafana



Caden Vince



grade 1



Second Grade Room 7



Mrs. Monica Camarillo
 Ms. Angelica Serna
 Annie Amneus
 Ella Amneus
 Mason Andres
 Zane Cabico

Jessica Carr
 Matthew Cole
 Ethan Dekker
 Shayna Gordon
 Aiden Hale
 Amanda Hazel

Kyle Heger
 Sean Hernandez
 Alexander Hohler
 Victoria Kautz
 Jaelyn Kim
 Jacqueline
 Korchinskaya

Payton Mann
 Rylan Murry
 Faris Natour
 Makayla Perez
 Christopher Reyes
 William Stovall

Nicolas Vince



Third Grade Room 10

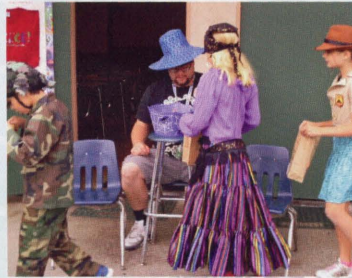
Mrs. Alicia Mowrey
 Mrs. Sindee Rhodes
 Faith Alrabadi
 Deacon Andres
 Alex Chavez
 DJ Cole



Summer Davis
 Sydney Deberdt
 Miles Eoff
 Arun Ghoshal
 Vendela Guglielmelli
 Bennett Murphy



Kelly Nnaji
 Alex Ripa
 Sachiv Sekaran
 Malaika Shenoy
 Kyla Walker
 Emma Wilkin



Fourth Grade Room 17



Mrs. Cam Alstott
 Ms. Jennifer Fannon
 Armani Abraamyan
 Sydney Alexander
 Ashley Arroyo
 Hannah Chalker

Matthew Cioffi
 Gavin Duffy
 Alexandra Flores
 Cienna Guglielmelli
 Campbell Heger
 Austin Hernandez

Brook Lord
 Heather Ostic
 Evan Rhoten
 Evan Vince
 Logan Wall
 Mason Williams

fourth
 grade



Playground PAPER GLUE TEAM GREEN APPLE RULER Learning READING JUDO basketball scissors theater locker March READING notebook SPILL basket

decade School year Agenda Class period holidays hour terms idle Future term present Seasons minute

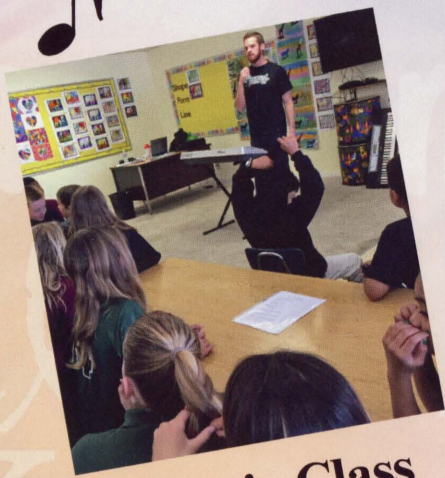


Spanish Class

Computer Class



P.E.



Music Class

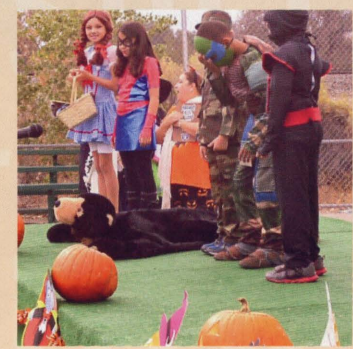


Art Class



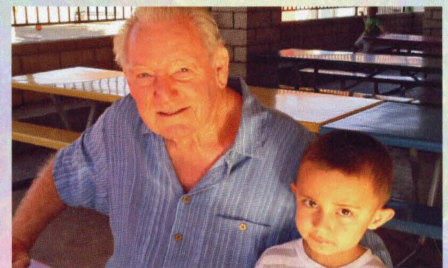
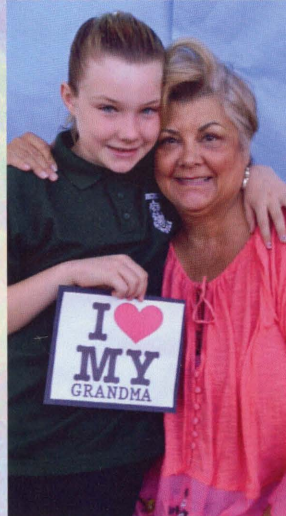
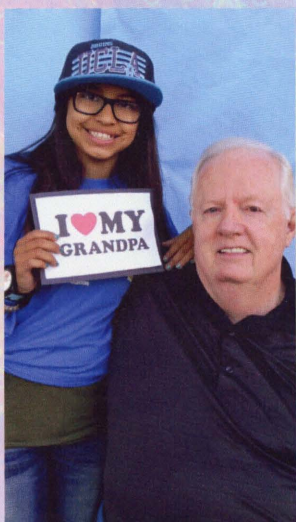
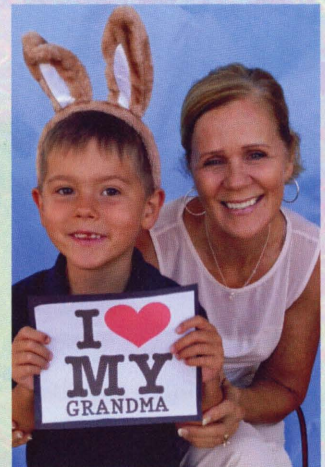
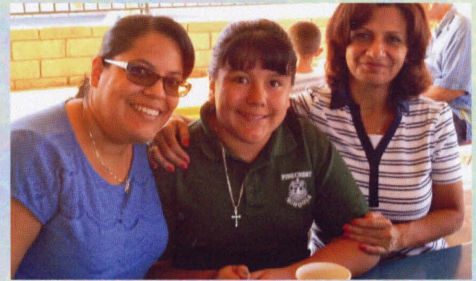
Treasured Moments 2015

determination recognition wonderful consideration fantastic

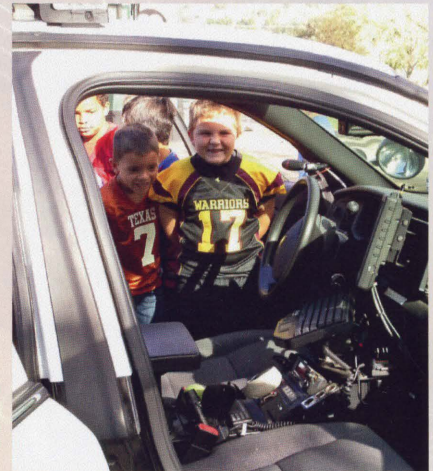




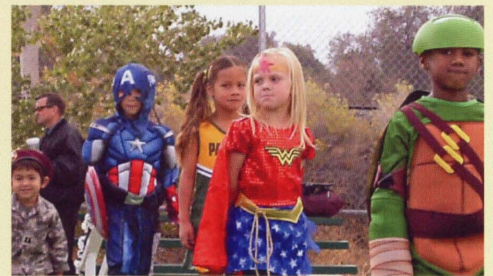
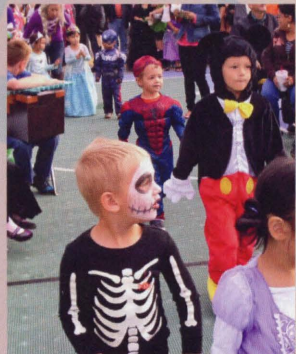
Grandparent's Breakfast



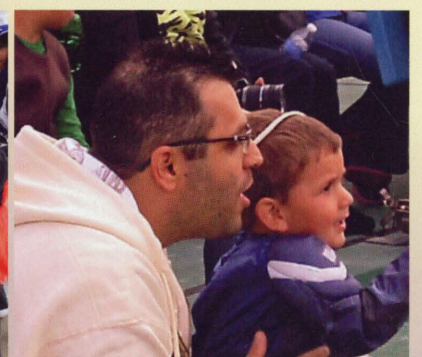
Red Ribbon Week



BOO! Happy Halloween



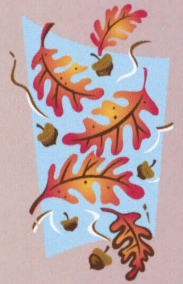
Trick or Treat!



Fall Festival

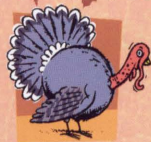


Halloween Party

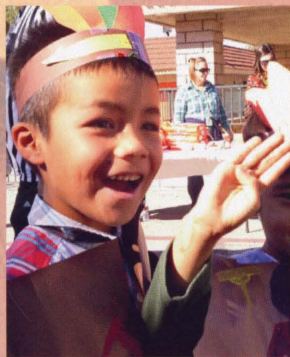


Happy HALLOWEEN!





Feast



Turkey Bowl



Happy Holidays

Holiday Show



Fifth Grade Room 11

Mrs. Barrie White
Mrs. Frances Mendibles
Jade Andres
Adin Antebi
Samantha Carr
Cody Chalker



Benjamin Cole
Kyle David
Natalie Dekker
Marlee Hale
Logan Johnson
Emily Mann



Matthew Mowrey
Fletcher Murphy
Nadia Natour
Danielle Quayyum
Erika Redor
Luciana Ruiz



Kira Sendewicz
Sean Sendewicz
Eva Tayag
Ogaga Usude
Reese Woodside
Daniela Zarate



fifth
grade



Sixth Grade Room 12

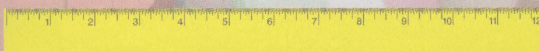


Mr. Gregg Spector
Mrs. Frances Mendibles
Jason Alegria
Emily Antebi
Seamus Duffy
Austin Ellison

Halle Gauthier
Victoria Parks
Christina Rodriguez
Jack Wall



GRADE
6



Eighth Grade Room 15



Mr. Dan Waybright
 Mrs. Frances Mendibles
 Trevor Brown
 Jun Joseph Chang
 Alexis Cho

Shelby Cooper
 Andre Fabre
 Alexis Hauber
 Dylan Huff
 Christian Ingrassia

Min Jae Matthew Kim
 Isabella Lundeen
 Arbor Murphy
 Valerian Natour
 Dimitar Petrov

Alysh Pizarro
 Rebecca Roberts
 Ahmik Shenoy
 Layne Singer
 Abby Thompson

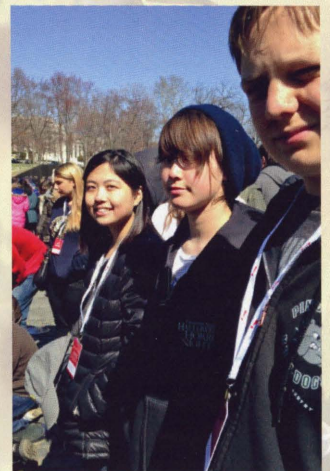
eighth
 grade



playground PAPER glue team green apple RULER learning subject paper art basketball scissors school theater locker
 CHOIR CHEERLEADER homecoming team of SPIRIT success

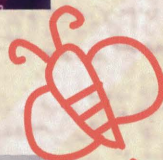


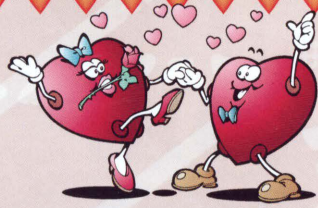
Middle School



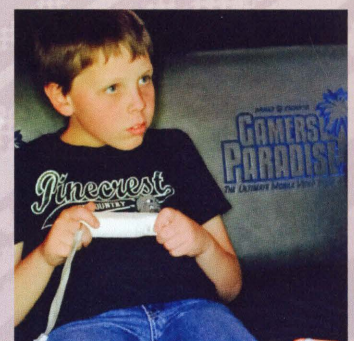
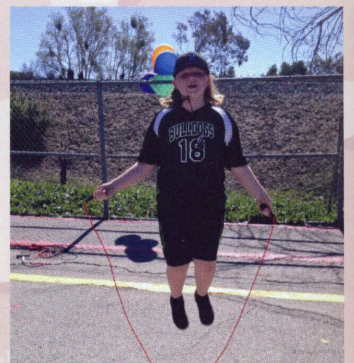
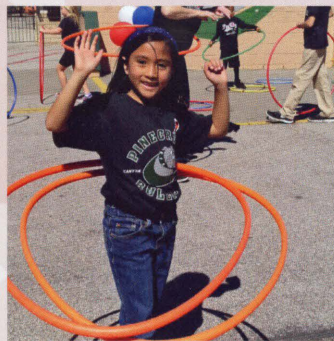
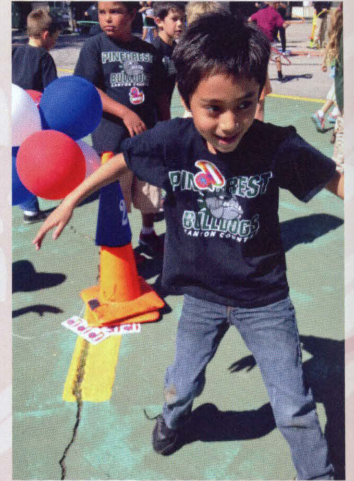
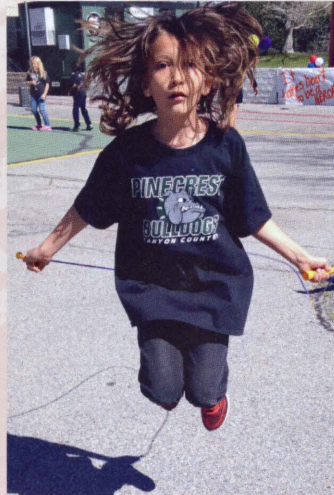


Spelling Bee



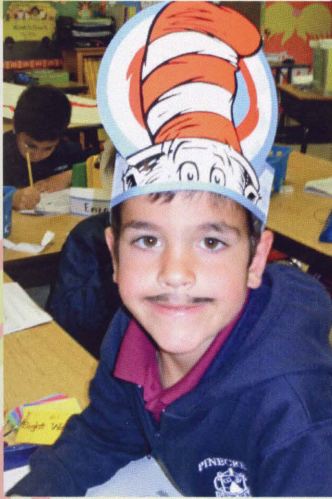


Jump For Heart



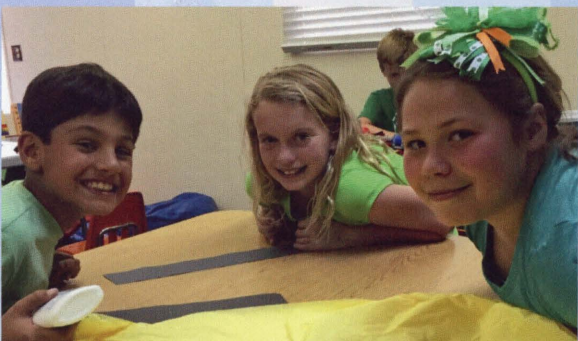
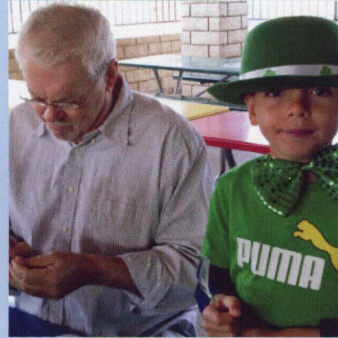
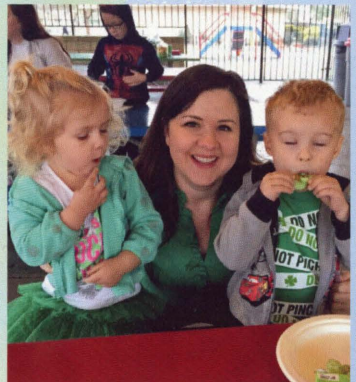
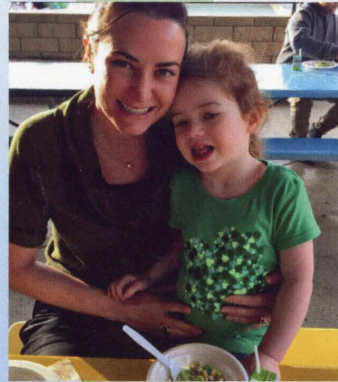
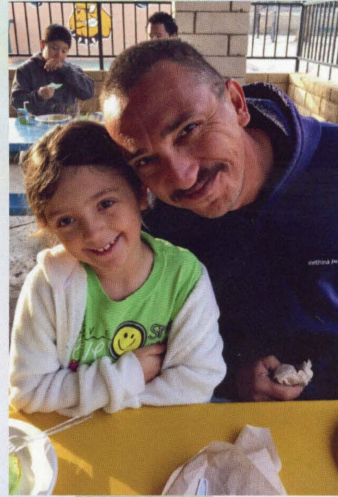


Spirit Week





St. Patrick's Day



After School Clubs



Chess Club



Lego Robotics Team



Lego Club



Drama Club



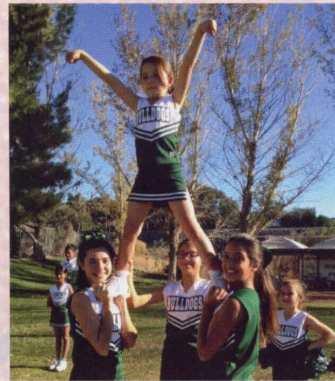


Bulldogs Cheer

Cheerleading



Back Row: Amanda Hazel, Allyson Hale, Brianna Duenez, Jessica Carr, Kyla Walker, Victoria Parks, Emily Antebi, Coach Chelsea, Halle Gauthier, Hannah Chalker, Emma Wilkin, Malaika Shenoy, Payton Mann, Jaelyn Kim, Jacqueline Korchinskaya
Front Row: Makayla Walker, Amanda Abraamyan



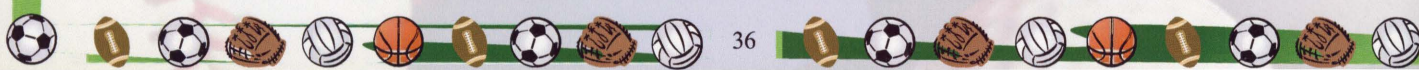
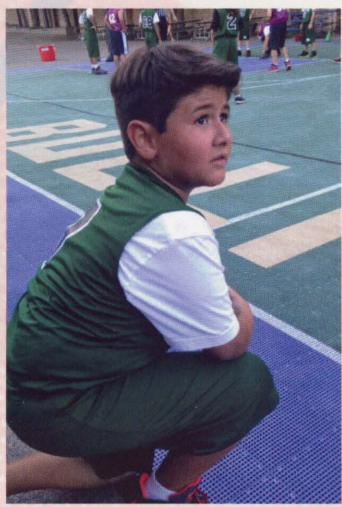
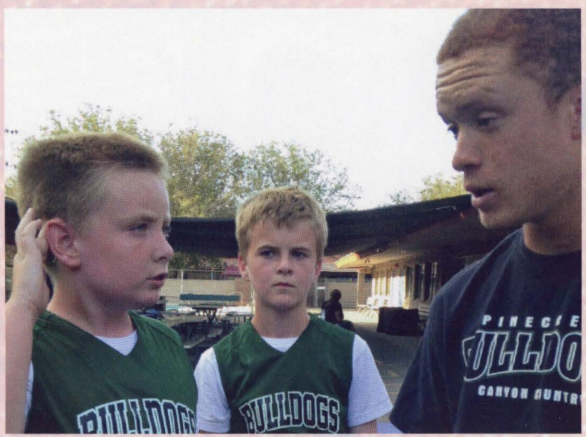


Pee Wee Sports





Bulldog Sports



Elementary Boys Flag Football



Back Row:
Ben Cole, Jason Alegria, Ogaga Usude,
Cody Chalker, Austin Hernandez,
Seamus Duffy, Coach Ed
Front Row:
Adin Antebi, Gavin Duffy, Kyle David,
Mason Williams, Sean Sendewicz,
Armani Abraamyan, Fletcher Murphy



Pee Wee Flag Football Green Team

Back Row:
Arun Ghoshal, Matthew Cole,
Sean Hernandez, Deacon Andres,
D. J. Cole, Coach G
Front Row:
Nicolas Vince, Sachiv Sekaran,
Mason Andres, Alex Chavez,
William Stovall, Kyle Heger



Pee Wee Flag Football Black Team



Back Row:
Zane Cabico, Kyla Walker, Alex Ripa,
James Moss, Bennett Murphy,
Coach G
Front Row:
Alexander Crump, Joshua Villafana,
Adrian Guerrero, Giovanni Pizarro,
Caden Vince, Patrick Nnaji





Pee Wee Soccer Green Team

Back Row:
 Arun Ghoshal, Kelly Nnaji,
 Sydney Deberdt, Deacon Andres,
 Kyla Walker, Coach T
 Front Row:
 Alex Chavez, Alex Ripa, Kyle Heger,
 Payton Mann, Bennett Murphy



Pee Wee Soccer Black Team



Back Row:
 Matthew Cole, Sean Hernandez,
 Shayna Gordon, Ella Amneus,
 Coach T
 Front Row:
 Nicolas Vince, Faris Natour,
 Malaika Shenoy, Mason Andres,
 William Stovall



Pee Wee Soccer Gray Team

Back Row:
 Jessica Carr, Aiden Hale,
 Faith Alrabadi, Annie Amneus,
 Coach T
 Front Row:
 Sanad Alrabadi, Mason Richardson,
 Ryan Johnson, Caden Vince,
 Joshua Villafana



Pee Wee Basketball Green Team



Back Row:
Deacon Andres, Kelly Nnaji,
Arun Ghoshal, Sydney Deberdt,
Coach Ed
Front Row:
D.J. Cole, Alex Chavez, Bennett Murphy,
Sachiv Sekaran, Kyla Walker



Pee Wee Basketball Black Team

Back Row:
Matthew Cole, Sean Hernandez,
Zane Cabico, Kyle Heger, Jessica Carr,
Coach G
Front Row:
Mason Andres, Faris Natour, Aiden Hale,
Payton Mann, Christopher Reyes,
Nicolas Vince, Shayna Gordon



Pee Wee Basketball Gray Team



Back Row:
Sanad Alrabadi, Mason Richardson,
Allyson Hale, Caden Vince, Coach G
Front Row:
Ryan Johnson, Joshua Villafana,
Adrian Guerrero, Soren Eoff



Elementary Girls Basketball

Emily Antebi, Victoria Park,
Campbell Heger, Hannah Chalker,
Samantha Carr, Brook Lord,
Ashley Arroyo, Reese Woodside,
Heather Ostic, Nadia Natour,
Halle Gauthier, Coach T



Elementary Boys Basketball A Team

Kyle David, Cody Chalker, Ben Cole,
Seamus Duffy, Coach G,
Tyson Waybright, Ogaga Usude,
Fletcher Murphy, Sean Sendewicz



Elementary Boys Basketball c Team

Logan Wall, Armani Abraamyan, Gavin Duffy,
Coach G, Austin Hernandez, Evan Vince,
Mason Williams



Elementary Girls Volleyball



Back Row:
 Samantha Carr, Jade Andres,
 Kira Sendewicz, Daniela Zarate,
 Nadia Natour, Coach Ed,
 Emily Antebi, Emily Mann,
 Marlee Hale, Hannah Chalker,
 Reese Woodside
 Front Row:
 Brook Lord, Ashley Arroyo



Middle School Volleyball

Kira Sendewicz, Shelby Cooper,
 Loralie Pulley, Annette Moulay,
 Coach Ed, Amanda Abraamyan,
 Makayla Walker, Jasmine Barton,
 Marlee Hale
 Not In Photo: Rebecca Roberts,
 Abby Thompson



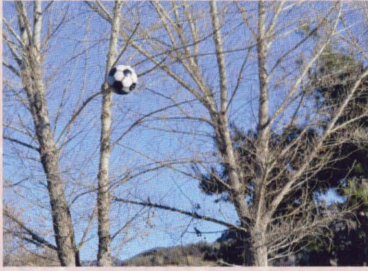
Elementary Boys Soccer



Back Row:
 Austin Hernandez, Adin Antebi,
 Gavin Duffy, Coach T, Ogaga Usude,
 Cody Chalker, Fletcher Murphy
 Front Row:
 Logan Wall, Mason Williams,
 Sean Sendewicz, Logan Johnson,
 Kyle David, Armani Abraamyan,
 Matthew Cioffi



Elementary Girls Soccer



Back Row: Emily Antebi, Nadia Natour, Marlee Hale, Heather Ostic, Coach T, Campbell Heger, Emily Mann, Victoria Parks
Front Row: Ashley Arroyo, Reese Woodside, Hannah Chalker, Kira Sendewicz, Jade Andres, Samantha Carr, Brook Lord, Sydney Alexander

Middle School Boys Basketball



Seamus Duffy, Andre Fabre, Ahmik Shenoy, Joseph Chang, Coach G, Matthew Kim, R. J. Gordon, Tyson Waybright, Layne Singer, Hunter Cohen
Not In Photo: Dylan Huff

Middle School Soccer

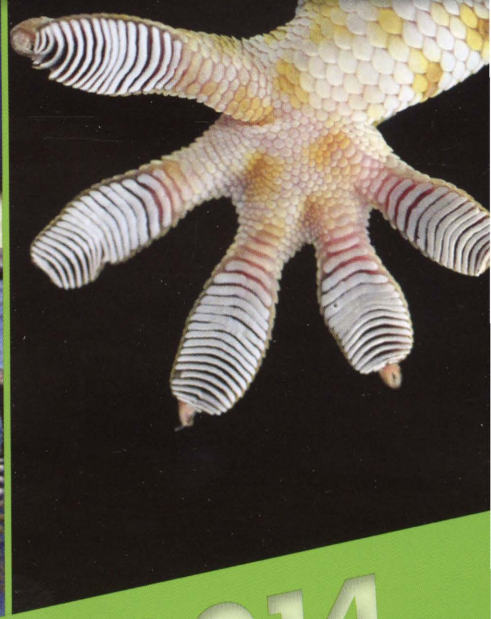


Back Row: Joseph Chang, Valerian Natour, Matthew Kim, Tyson Waybright, Coach T
Front Row: Layne Singer, Hunter Cohen, Troy Keum, Kaitlyn Mendoza
Not In Photo: Dylan Huff, Christian Ingrassia



Autographs

A YEAR IN REVIEW



ZOOM

2014
2015



Yearbooks



NOBEL'S YOUNGEST WINNER

Malala Yousafzai of Pakistan, alongside Indian child rights campaigner Kailash Satyarthi, became the youngest recipient of the Nobel Peace Prize at age 17. Malala gained worldwide attention for her educational activism and her belief that "all children have a right to education."

© DARREN STAPLES/Reuters /Landov

HEADLINE NEWS



© MICHAEL JUNIEA/Barcroft Media/Landov

EXTRA SPECIAL DELIVERY

Prince William and Duchess Kate Middleton announced they are expecting their second child, making Prince George a big brother in 2015.



© TSgt Nathaniel Parry/DVIDS

BALUCHI'S BUBBLE

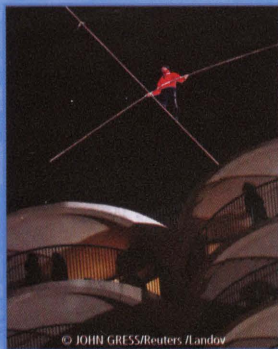
Reza Baluchi was rescued by the Coast Guard after he got stuck in the Gulf Stream. Baluchi, an ultra-marathoner, attempted to run from Florida to Bermuda in a human-powered inflatable bubble that some described as "a big hamster wheel." Previously, he ran across more than 190 nations to encourage world peace.



© NOAH BERGER/Reuters /Landov

AMAZING BOTS

In preparation for the busy holiday season and "Cyber Monday," online retailer Amazon® installed 15,000 robots in its 109 global warehouses to locate specific items for customer orders. The wheeled robots scan coded stickers on the warehouse floor and followed wireless commands from a central computer. The robots can adjust their work pace and even lift a stack of shelves weighing up to 750 lbs.



© JOHN GRESS/Reuters /Landov

WALLENDAS LATEST WONDER

Tightrope walker Nik Wallenda performed another incredible stunt: a live Discovery Channel® broadcast of his "Skyscraper Live" tightrope walk between Chicago high-rise buildings. Wallenda braved a steep incline about 600 ft. above the Chicago River in one of the city's windiest areas, and even wore a blindfold for a portion of the walk. Previously, Wallenda walked a tightrope across Niagara Falls and the Little Colorado River Gorge.



© FU QI/Xinhua /Landov

FLIGHT OF HIS LIFE

Despite freezing temperatures, limited oxygen and an altitude of 35,000 ft., a teen boy survived a 5-1/2 hour flight from California to Hawaii in the wheel well of a Boeing 767. He was discovered by airport workers after the plane landed.

PASTA FEEDS THE PEOPLE

Matt Tribe, a man from Ogden, Utah, decided to do more than feed himself when he purchased Olive Garden'sSM Never Ending Pasta Pass for \$100—he used it to buy meals for people in need, including many who were homeless. The pass expired after 7 weeks; by then, Tribe had fed 125 people.



© Gettyimages/Bloomberg / Contributor



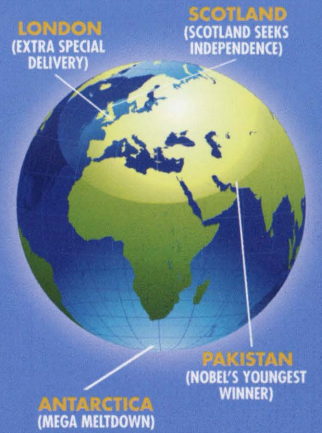
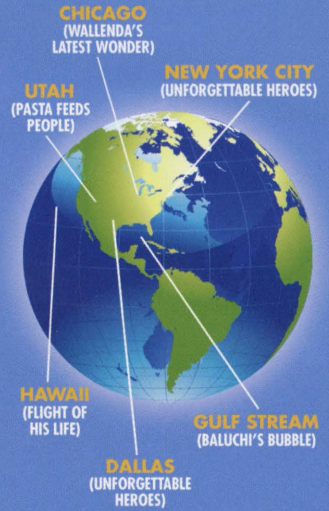
© ANDREW COWIE/EPA / LANDOV

SCOTLAND SEEKS INDEPENDENCE

After a 300-year-old union, Scotland held a referendum seeking independence from the United Kingdom. In a 55-45% vote, the people of Scotland chose to remain part of the U.K.

WHERE IN THE WORLD?

Take a trip around the globe to see some of the locations from top stories in the news this past year.



© thinkstock/iStock/rtquest



SUPER SALE

An original Superman comic sold at auction for a record-breaking \$3.2 million to become the most expensive comic book ever. The copy of Action Comics No. 1 featuring Superman sold for 10 cents in 1938.



© PAT BENIC/UPI / Landov

UNFORGETTABLE HEROES

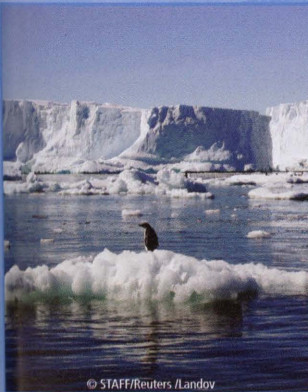
The Ebola virus hit U.S. soil and sparked widespread concern with cases reported in Dallas and New York City. Groups such as Doctors Without Borders and Samaritan's Purse[®], as well as many others, worked tirelessly in Africa and beyond to combat the disease; as a result, Ebola fighters were named TIME's 2014 Person of the Year.



© Gettyimages/MOHD RASFAN / Stringer

VANISHING PLANES

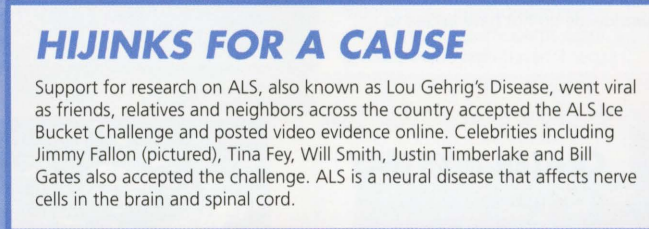
Two high-profile aviation mysteries had the world puzzled. Malaysia Airlines Flight MH370 disappeared en route to Beijing—resulting in the largest and most expensive search in aviation history. To date, no remnants have been found. Air Asia Flight QZ8501 also went missing over the Java Sea. The pilot changed course due to bad weather, but no other communication was received.



© STAFF/Reuters / Landov

MEGA MELTDOWN

According to scientists at NASA and the University of California-Irvine, the melt rate of glaciers in West Antarctica tripled over the last 10 years. The amount of water lost every 2 years equals the size of Mount Everest, or 91.5 billion tons per year. The massive melt means sea levels will rise in the upcoming decades and centuries.



© Gettyimages/NBC / Contributor

HIJINKS FOR A CAUSE

Support for research on ALS, also known as Lou Gehrig's Disease, went viral as friends, relatives and neighbors across the country accepted the ALS Ice Bucket Challenge and posted video evidence online. Celebrities including Jimmy Fallon (pictured), Tina Fey, Will Smith, Justin Timberlake and Bill Gates also accepted the challenge. ALS is a neural disease that affects nerve cells in the brain and spinal cord.



SNAIL INVASION

The Giant African Land Snail (GALS), originally from East Africa, invaded Florida and wreaked havoc—it gobbled up 500 different types of plants and will even devour the walls of houses! The state's Department of Agriculture declared war on the pests and used trained dogs to locate the hidden snails for capture.



© HANDOUT/Reuters/Landov

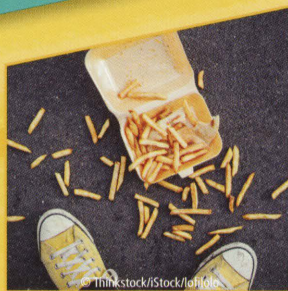
SCIENCE & DISCOVERIES



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CHIPS FOR CLEAN WATER

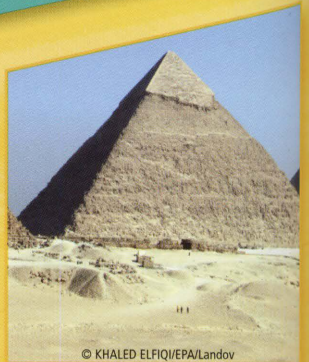
Students at Australia's University of Adelaide created a simple and efficient water treatment system using chip bags, plywood and glass tubing. The entire system costs \$67 and it can purify almost 40 liters of water in 4 hours, providing clean, safe drinking water for people in remote areas. The Center for Disease Control and Prevention estimates 780 million people worldwide do not have access to clean water.



© Thinkstock/Stock/lojide

5-SECOND RULE: A MYTH?

The 5-second rule, which claims that food dropped on the floor and picked up in less than 5 seconds is safe to eat, is not actually true. It takes less than 5 seconds for harmful bacteria to latch onto your tasty morsel. So, the next time someone calls "5-second rule!," think before you eat.



© KHALED ELFIQ/EPA/Landov

INSIDE OUT PYRAMIDS

A debated theory presents another option for how Egyptians may have built the ancient pyramids—inside out! Engineer Peter James posed that the inner chambers were built first, and then construction moved outward. Previously, it had been thought that the pyramids were built using external ramps.



© STRINGER/Reuters/Landov

CRATER MYSTERY

Scientists were baffled by an enormous 260 ft. wide and 54 ft. deep crater that suddenly appeared in Siberia's remote northern Yamal Peninsula. Researchers descended into the crater to study it and take measurements. One theory is that its formation was caused by methane gas, which was released with the thawing of normally icy ground.



© NOAA/Reuters/Landov

WHALE REBOUND

The California Blue Whale bounced back from near extinction, with 97% of its historic population restored, making it the only whale population known to rebound from the effects of whaling. Measuring 100 ft. long and weighing 200 tons, the blue whale became protected in 1966.



© Gettyimages/Doug Perrine

MONSTER OF THE DEEP

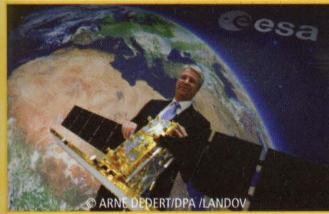
Thanks to a remotely operated submarine's recorded video footage, scientists were able to get a good look at the Black Seadevil anglerfish in its natural environment. Because these creatures live in the deep sea (1,900 ft. below sea level), it has been difficult to study live anglerfish until now. The female anglerfish is best known for a glowing bump on its head that attracts prey.



© ASSOCIATED PRESS

RARE BLUE LOBSTER FOUND

A Maine lobsterman and his 14-year-old daughter discovered something unusual in their traps: a bright blue lobster. They named the crustacean Skylar and donated it to the Maine State Aquarium. Lobsters are commonly brownish green in color; a blue lobster is thought to be even more rare than 1 in a million—it is 1 in 2 million!



© ARNE DEBERT/DPA/LANDOV

SATELLITE LANDS ON COMET

The European Space Agency (ESA) made history by successfully landing its Philae satellite on a comet as it sped through space. The first-ever landing was intended to help scientists learn more about comets and further investigate theories that comets were responsible for bringing water to Earth.

BLAST FROM THE PAST

A 113-year-old time capsule was discovered in Boston sealed inside a lion statue, perched on top of the Old Massachusetts State House. Coppersmith Samuel Rogers originally placed the capsule inside the statue in 1901, and it remained hidden until a Rogers descendent tipped-off the Bostonian Society. The capsule contained photographs, news clippings, campaign buttons and political memorabilia.



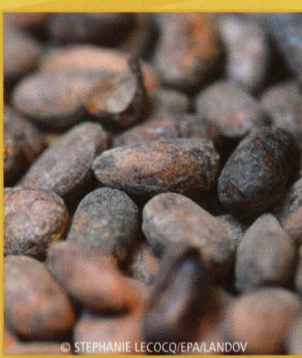
© ASSOCIATED PRESS



© Gettyimages/Chesnot/Contributor

GOT GAME?

A study from Princeton University and the University of Rochester reported that playing fast-paced, action video games may aid in learning. Kids in the study showed enhanced ability in multi-tasking, perception, decision-making and task switching. Results were inconsistent with similar studies, so researchers admit more testing is needed.



© STEPHANIE LECCO/EPA/LANDOV

COCOA BOOSTS MEMORY

Results from a scientific study showed that cocoa's flavanols helped to improve memory by boosting neural connections and function. But don't start chowing down on Hershey® bars just yet—flavanols are found in raw, unprocessed cocoa and the study's participants drank a specially made high-flavanol cocoa drink to gain improved memory.



© Gettyimages/Alasdair James

© ULRICH PERNEY/DPA/LANDOV

MEGA CREEPY

Two discoveries of mega spiders will make your creepiest fears come true: A "fishing spider" in Wisconsin can grow up to 3 inches in size, and aggressively hunts down fish and other creatures underwater. In Baltimore, Maryland, 107 million orb-weaver spiders infested a water treatment plant and spun a 4-acre web inside that was large enough to pull 8-ft. lights out of place.

WILD WONDERS



© IWAN PRUVIC/SN/LANDOV

WHY DO SPIDERS HAVE HAIR?

Spiders have hair on their feet, allowing them to walk up smooth, vertical surfaces. The end of each spider leg is covered with thick brushes of hair. Each individual hair is covered in tiny "feet" that grip whatever surface the spider is navigating.



© Thinksteck/iStock/Oleksii Sergeiev

WHAT ARE GOOSE BUMPS?

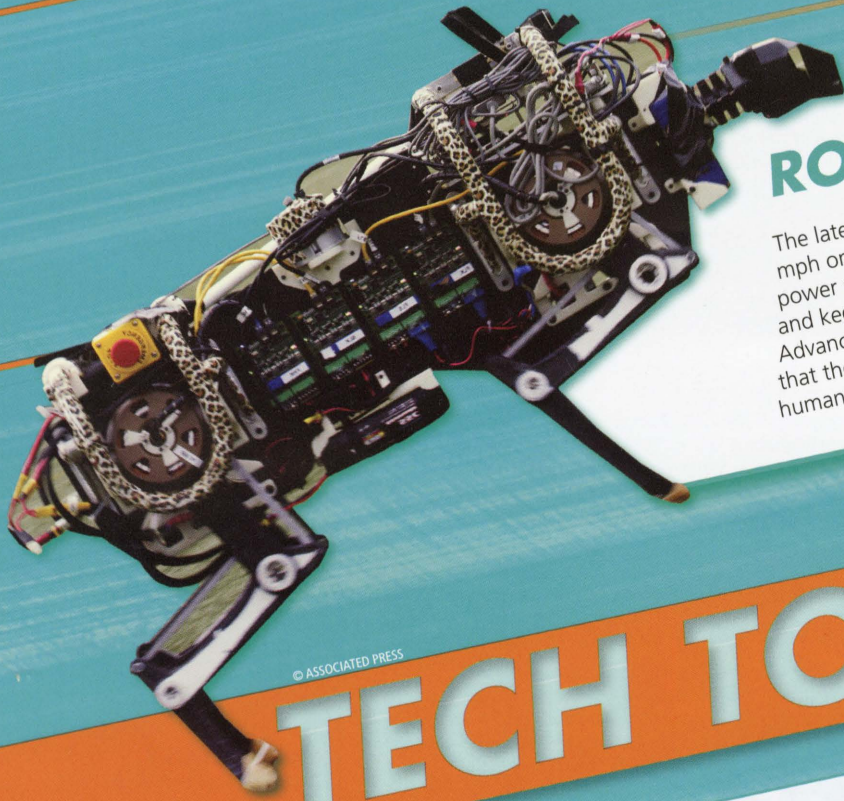
They are a reflex, which is something your body does without you even thinking about it. If you become cold or scared, your muscles tense and cause little bumps on your skin to rise up. They are called goose bumps because your skin looks like a goose's skin after its feathers have been plucked.



© ANTHONY ANGEVEPA/LANDOV

WHY IS THE MOON OUT DURING THE DAY?

The moon orbits the Earth, so it is visible both during the day and night. We can see the moon during the day depending on the Earth's rotation, the sun reflecting off the moon's surface and if the moon is above the horizon.

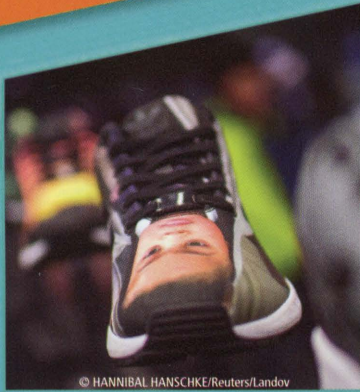


ROBO-CHEETAH

The latest robo-cheetah from MIT is the first to clock 10 mph on an indoor track without being connected to a power source. The cheetah can also leap over obstacles and keep moving. The project was funded by Defense Advanced Research Projects Agency (DARPA™) with hopes that the robo-cheetah will someday help with defense and humanitarian missions.

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TECH TOPICS



© HANNIBAL HANSCHKE/Reuters/Landov

CUSTOMIZABLE KICKS

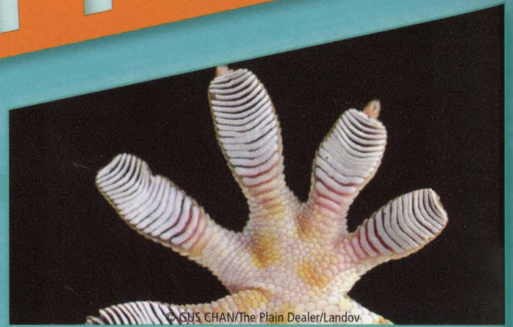
Adidas® new line of Originals lifestyle shoes allowed people to print any photo on a pair of sneakers. The company's Mi Adidas mobile app let users customize their shoes with Instagram photos.



© Maurizio Gambarini/picture-alliance/dpa/AP Images

SELFIE ACCESSORIES

Although "selfie" was Oxford Dictionaries' 2013 Word of the Year, selfie accessories became the hot item in 2014. The selfie stick allowed users to capture better photos by extending their smartphones beyond arms' reach.



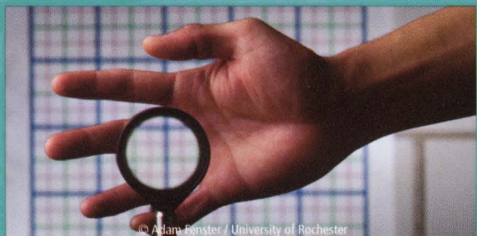
© GUNS CHAN/The Plain Dealer/Landov

SPIDERMAN REALITY

Stanford University's new creation can make any person's dreams of becoming Spider-man™ come true. The "Gecko gloves" contain adhesives that allow a 154-lb. man to scale a vertical glass wall. Similar designs have been created, but Stanford's version is the smallest and most effective because it uses a series of interlocking sticky tiles to evenly distribute a person's weight for better performance.

GOOGLE GETS KID-FRIENDLY

With a goal of protecting kids and allowing them to create in a safe space, Google is working on kid-friendly editions of its most popular applications among users under 12 years old: YouTube, Chrome™ and its Search function. The kid-friendly Google versions would aim to offer only age-appropriate material and enable supervision features for parents.



© Adam Fenster / University of Rochester

NOW YOU SEE ME... NOW YOU DON'T

Scientists from the University of Rochester created a unique invisibility cloak that works from a variety of angles, rather than a single vantage point, by using a complex layer of 4 lenses.



© Gettyimages/AFP/Stringer



© Noone

TAKE A SEAT!

The Chairless Chair® is a chair you can wear. When you don't need it, you can move freely while wearing it, and even run. Yet, it can be ready for use with the push of a button. Keith Gunura, the 29-year-old CEO of the chair's start-up company, got the Chairless Chair idea from his days standing and working long hours in a factory.

AUTO DRIVE IS HERE

The biggest attention-grabber at the Consumer Electronics Show (CES) in Las Vegas was several prototypes for self-driving cars. An Audi A7 drove unassisted from Los Angeles (over 500 miles) using radar sensors and 3D views. Mercedes-Benz revealed its F 015 Luxury in Motion and BMW showed an i3 EV that can search for open parking spaces and park itself. Ford also announced plans to release an affordably priced self-driving car.



© Gettyimages/Bloomberg/Contributor

KIDS' TOP INVENTIONS



© Tania Palermo Studio on Main

LOLLY CURES HICCUPS

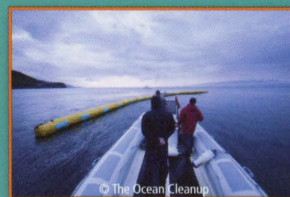
Hiccupops™, invented by 13-year-old Mallory Kievman, claimed to cure hiccups. The special pops were created with a top-secret blend of sugar, apple cider vinegar and lollipops.



© ADI WEDA/EPA/Landov

A "SCENSIBLE" USE FOR COW POOP

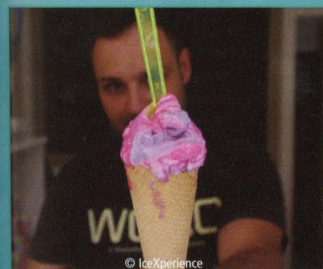
Two girls from Indonesia devised a way to make air fresheners out of cow manure. Through a process of extracting and purifying the liquid, the 2 high school girls developed a natural, chemical-free air freshener that smells like natural herbs from the cow's food. The alternative freshener won 1st prize at Indonesia's Science Project Olympiad competition.



© The Ocean Cleanup

SAVING OUR OCEANS

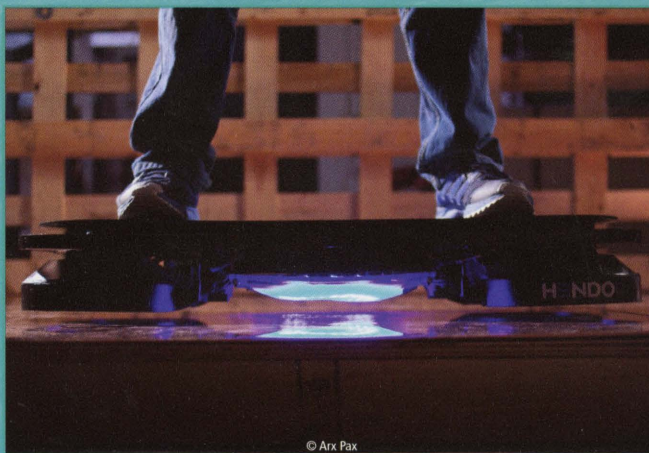
A Dutch teenager developed a device that he claims could clean up 20 billion tons of plastic waste from our oceans. The invention captures floating plastic, but allows fish and other sea life to harmlessly pass through.



© IceXperience

MAGICAL ICE CREAM

Spanish physicist Manuel Linares invented an ice cream that changes color as you lick it. The ice cream is initially a light-blue color and then changes to shades of pink as it melts. The ice cream is all natural and tastes like a mix of fruit.



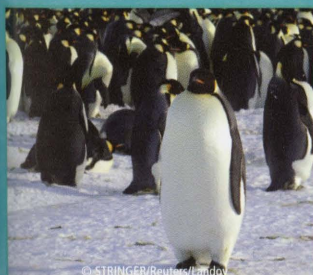
© Arx Pax

HENDO HOVERBOARD

Unlike other imposters, the \$10,000 Hendo Hoverboard is apparently the real deal. Its actual workings are explained by complex electromagnetic physics, which allow the board to hover 1 inch above the ground for approximately 15 minutes. Hendo founders Jill and Greg Henderson plan to apply the hoverboard's technology to other projects such as stabilizing buildings during earthquakes and more.

GIRLS RULE AT GOOGLE SCIENCE FAIR

The top winners of the Google Science Fair were 16-year-old girls: Ciara Judge, Emer Hickey and Sophie Healy-Thow won with their agricultural research, which studied the use of bacteria to shorten grain growing time, in an effort to address a possible global food crisis.



© STRINGER/Reuters/Landov

HAPPY WHEELS

A robotic baby penguin was able to do what humans could not: get close to shy Emperor penguins to gather heart rates and other data. It took 5 tries for scientists to get the robo chick just right, but the final model was so convincing that other baby penguins snuggled it.

© NIAL CARSON/PA Photos/Landov



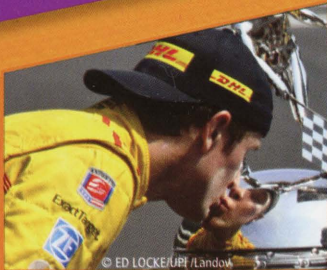
PHILLY'S PHENOM

Philadelphia's Mo'ne Davis was the 1st female pitcher to throw a shutout in the Little League World Series® 75-year history. Mo'ne, an honor roll student, led her Taney Dragons to a 4-0 victory at just 13 years old. She was named *Sports Illustrated Kids*® "2014 Sportskid of the Year" and featured on the cover of *Sports Illustrated*. Mo'ne threw out the 1st pitch at a Major League Baseball® game, starred in a Spike Lee car commercial and helped kick-off the Macy's® Thanksgiving Day parade.

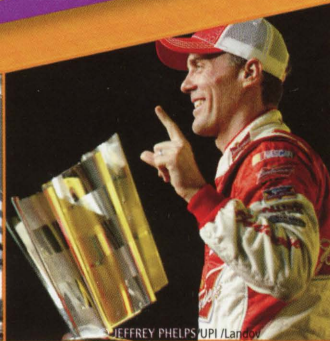


© MICHAEL S. WIRTZ/MCT /Landov

SCOREBOARD



© ED LOCKE/UPI /Landov

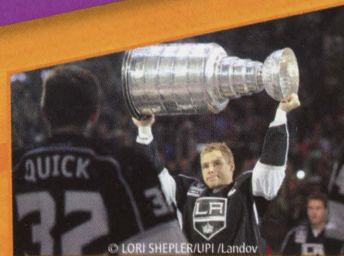


© JEFFREY PHELPS/UPI /Landov

FIGHT TO THE FINISH

A messy crash at the Indy 500™ caused the race to be halted and restarted, but Ryan Hunter-Reay was determined to win. After trading the lead position with Helio Castroneves for over 6 laps, Hunter-Reay captured the Indianapolis 500 win.

NASCAR's® Kevin Harvick won his 1st championship with a Sprint Cup™ victory. Harvick became only the 2nd driver (after teammate and team co-owner Tony Stewart) to win the championship with a season-ending race at Homestead-Miami Speedway®.



© LORI SHEPLER/UPI /Landov

KINGS RULE

The L.A. Kings® won the Stanley Cup® after a lengthy battle with the New York Rangers®. It was the longest game in franchise history, but the Kings fought to the finish and claimed the team's 2nd championship in overtime.



© SHARIFULIN VALERY/ITASS /Landov

GERMANY TAKES THE CUP

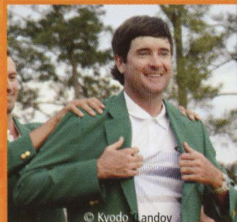
Germany's Mario Goetze scored the winning goal in extra time to top Argentina 1-0, earning Germany its 4th World Cup™ title.



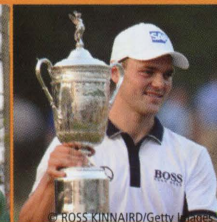
© NBCU PHOTO BANK VIA GETTY IMAGES

MIGHTY MITES VISIT FALLON

After the Wallkill Mighty Mites peewee football team became a YouTube sensation for its failed attempt to break through a spirit banner, Jimmy Fallon invited them to give it another try on his show. The team pulled it off for Fallon and viewers; they also presented Jimmy with his own Mighty Mites jersey. The original viral video gathered 1.4 million views in 1 week.



© Kyodo /Landov



© ROSS KINNAIRD/Getty Images



© MERN VERNA/Ai Wire /Landov

GOLF'S GREATS

Bubba Watson bested young favorite Jordan Spieth to land his 2nd Masters® win and qualify for the PGA® Grand Slam. It was the 6th win for a lefty in the past 12 Masters games played and Watson's 6th PGA Tour win.

At the US Open, Martin Kaymer landed a record-breaking win with 130 strokes through 36 holes and a final mark of 271, the 2nd lowest in US Open history. It was Kaymer's 2nd major win at just 29 years old.

Michelle Wie, 24, claimed the U.S. Women's Open victory she had been chasing since arriving on the pro golf scene as a 13-year-old. Wie finished with an even-par 70 and 2-under-par 278 total.



© KEVIN DIETSCH/UPI/Landov

WORLD SERIES

In a memorable American League Championship series, the Kansas City Royals™ beat the Baltimore Orioles™ with a 4-game sweep, sending the Royals to the World Series™ for the 1st time in nearly 30 years. Still, it wasn't enough to beat 25-year-old dynamo Madison Bumgarner and the San Francisco Giants™, who beat the KC Royals 3-2 and claimed the World Series title.



© BERK S. LISSBERGER/LANDOV

SUPER BOWL SHOWDOWN

Amid controversy over "Deflategate," (allegations that the New England Patriots deflated an AFC playoff game ball for an advantage), the Patriots still pulled off an impressive comeback against the Seattle Seahawks with a final 28-24 victory for their 4th Super Bowl win. The game MVP was quarterback Tom Brady.

TENNIS TRIUMPHS

Serena Williams won the US Open opposite reigning world No. 1 player Caroline Wozniacki, and set more than one record for herself. It was Williams' 18th Grand Slam title, placing her 4th on the all-time list of Grand Slam winners, and her 3rd consecutive US Open title with a cash prize that set a record for athletes in pro tennis.

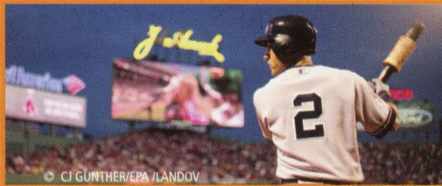


© Icon Sportswire via AP/Outages

Novak Djokovic won his 2nd Wimbledon title after beating Roger Federer in 5 sets. Federer fought hard and it would have been his 8th championship, but Djokovic persevered.



© MENG YONGMIN/Xinhua/Landov



© CJ GUNTHER/EPA/LANDOV

JETER'S FINAL SEASON

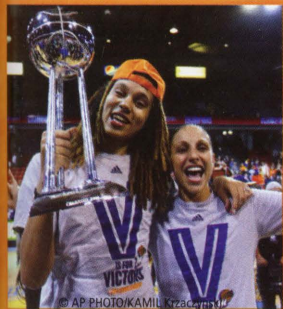
After 20 seasons of major league baseball, Team Captain Derek Jeter retired from the New York Yankees™. The star shortstop played his final game at legendary Fenway Park. Baseball Commissioner Bud Selig commented, "He is the face of our sport, and that face transcended everything else."



© PETER SCHNEIDER/EPA/LANDOV

RECORD-BREAKING VONN

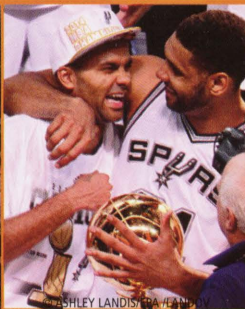
Lindsey Vonn became the 1st woman to win the super-G race a record 3 times. Vonn's spectacular performance marked her return to the World Cup circuit.



© AP PHOTO/KAMIL Krzaczkowski

PHOENIX RISE & SPURS PREVAIL

The Phoenix Mercury defeated the Chicago Sky with a 87-82 win to claim the WNBA title. The Mercury racked up 29 wins during the season and went on to take home its 1st championship in 5 years. Diana Taurasi was named MVP for the 2nd time in her career.



© ASHLEY LANDIS/EPA/REUTERS

The San Antonio Spurs took the NBA title and put a stop to LeBron James and the Miami Heat's 2-year winning streak with a 104-87 win in the NBA Finals. The game MVP was Kawhi Leonard, who scored 22 points.

WINTER X GAMES

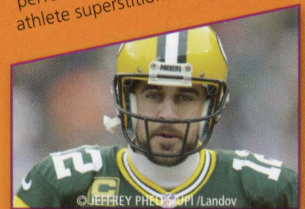
Although his comeback performance initially looked promising, Shaun White placed 4th in the Men's Snowboard SuperPipe Final competition. Instead, Danny Davis won the gold for the 2nd consecutive year. For the Women's SuperPipe, 14-year-old Chloe Kim took home the gold and became the youngest ever to win X Games gold.



© MATT REYNOLDS/EPA/REUTERS

VERY SUPERSTITIOUS

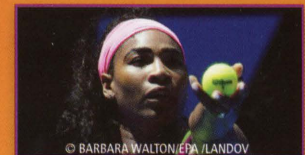
According to a study in the Journal of the Association for Psychological Science, practicing lucky superstitions can lead to improved performance. Check out these pro athlete superstitions:



© JEFFREY PHILLIPS/UPI/Landov

AARON RODGERS

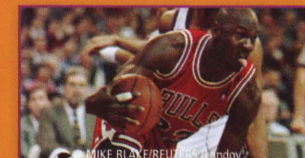
The Green Bay Packers' quarterback got in the habit of tugging on his sideline technician's 9-inch red beard before each home game. Fans believe the ritual led to the team's undefeated record at home.



© BARBARA WALTON/EPA/LANDOV

SERENA WILLIAMS

The aggressive tennis star wears the same pair of socks throughout a tournament, brings her shower sandals to the court, ties her shoes a certain way and must bounce the tennis ball a specific number of times before serving.



© MIKE BLAKE/REUTERS/LANDOV

MICHAEL JORDAN

The 5-time MVP wore his University of North Carolina shorts under his Chicago Bulls uniform for every game and led his team to 6 NBA championships.

KIDS' CHOICE

The Hunger Games: Catching Fire and One Direction ruled movies and music. Kids awarded *Catching Fire* with Favorite Movie Actress; Jennifer Lawrence with Favorite Movie Actress; and One Direction with Favorite Music Group, as well as Favorite Song for "Story of My Life."



CHART TOPPERS



GRAMMY'S

Album of the Year

Record of the Year



MTV MOVIE AWARDS

The Hunger Games: Catching Fire swept the top 3 major award categories at the MTV Movie Awards hosted by Conan O'Brien. The film won Movie of the Year, as well as Best Male Performance for Josh Hutcherson and Best Female Performance for Jennifer Lawrence.



COUNTRY'S BIGGEST NIGHT

Hosts Brad Paisley and Carrie Underwood brought the comedy, while Miranda Lambert cleaned up on awards including Album of the Year, Single of the Year and Female Vocalist of the Year. Lambert's husband Blake Shelton won Male Vocalist of the Year for the 5th time in a row. Luke Bryan won Entertainer of the Year and Vince Gill was awarded the iconic Irving Waugh Award of Excellence; the only other recipient has been Johnny Cash.



WOMEN RULE THE VMAs

Miley Cyrus won Video of the Year for "Wrecking Ball," while Ed Sheeran took home Best Male Video for "Sing." Best Female Video went to Katy Perry (featuring Juicy J.) for "Dark Horse," and Ariana Grande (featuring Iggy Azalea) landed Best Pop Video. Lorde claimed Best Rock Video for "Royals."



REPEAT WINNERS DOMINATE

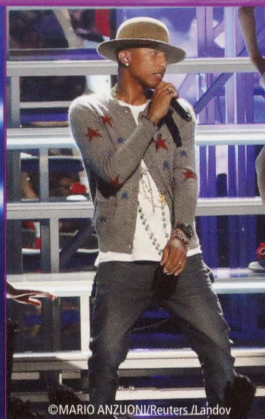
Once again, *Modern Family* won the major Emmy Award category Outstanding Comedy Series. *The Amazing Race* won Outstanding Reality - Competition Program and *The Colbert Report* was named Best Variety Series.

BET AWARDS

Although Best Male Hip Hop Artist went to Drake, Pharrell Williams won in multiple categories including Best Male R&B/Pop Artist, Video of the Year ("Happy"), and Best Collaboration with Robin Thicke and T.I. ("Blurred Lines"). Nicki Minaj won Best Female Hip Hop Artist, Beyonce won Best Female R&B/Pop Artist and *12 Years a Slave* claimed the Movie of the Year title.



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THE OSCARS

And the nominees are...

BEST PICTURE:

1. *American Sniper*
2. *Birdman*
3. *Boyhood*
4. *The Grand Budapest Hotel*

BEST ACTOR:

- Steve Carrel, *Foxcatcher*
- Bradley Cooper, *American Sniper*
- Benedict Cumberbatch, *The Imitation Game*
- Michael Keaton, *Birdman*

BEST ACTRESS:

- Marion Cotillard, *Two Days, One Night*
- Felicity Jones, *The Theory of Everything*
- Julianne Moore, *Still Alice*
- Rosamund Pike, *Gone Girl*



©JORDAN STRAUSS/Invision/AP



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THE YEAR OF TAYLOR

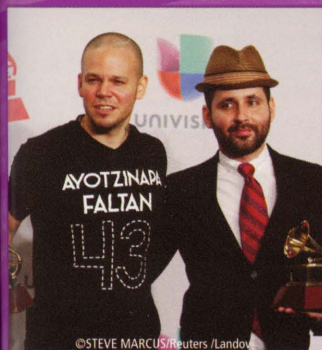
Taylor Swift dominated 2014 with numerous award wins including the Dick Clark Award of Excellence at the American Music Awards; Billboard's Woman of the Year, for the 2nd time (the first was in 2011); and People's Choice Awards for Favorite Female Artist, Favorite Pop Artist and Favorite Song for "Shake It Off." Swift's album *1989* sold 1.2 million copies in its 1st week—the most any album has sold in its 1st week since 2002.



©EVAN AGOSTINI/Invision/AP

PEOPLE'S CHOICE AWARDS

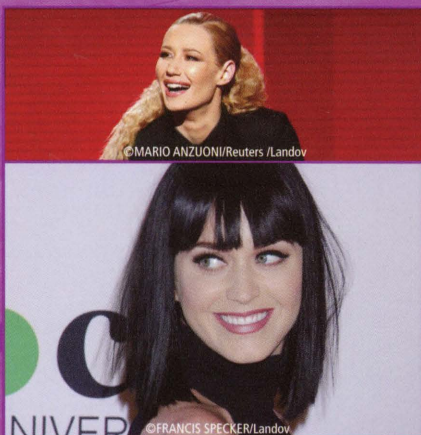
Big Bang Theory won Favorite TV Show and Favorite Comedic TV Actress for Kaley Cuoco-Sweeting. *Grey's Anatomy* also came out on top with several wins, including Favorite Network TV Drama and Favorite Dramatic TV Actor/Actress for Patrick Dempsey and Ellen Pompeo. Favorite Cable TV Drama went to *Pretty Little Liars*.



©STEVE MARCUS/Reuters/Landov

LATIN GRAMMY AWARDS

Puerto Rico's Calle 13 set a record with the most Latin Grammy wins at 21. Paco de Lucía, a flamenco guitarist who passed away, was awarded Album of the Year for *Canción Andaluza*, as well as Best Flamenco Album. Enrique Iglesias's "Bailando" won Song of the Year.



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AMERICAN MUSIC AWARDS

It was a big night for the ladies at the fan-voted AMAs. Katy Perry took home 3 awards, while Iggy Azalea and Beyonce each won 2 awards. One Direction was honored with the distinguished Artist of the Year award, as well as 2 other trophies.



©AP Photo/ELLEN D. GENERESE

Ellen DeGeneres' Oscar selfie not only broke records—it momentarily broke Twitter. After crowding Jennifer Lawrence, Bradley Cooper, Angelina Jolie and other Hollywood stars into the photo, Ellen's tweet caused Twitter to crash. The legendary selfie was retweeted more than 1 million times.

TEENS CHOOSE TFIOS

The Fault in Our Stars swept the Teen Choice Awards in nearly every category for the film and its stars, Ansel Elgort and Shailene Woodley: Choice Movie: Drama, Choice Movie Chemistry, Choice Movie Liplock, Choice Movie Breakout Star, and Choice Movie Actor and Actress: Drama. *Divergent* also won awards for multiple categories including Choice Movie: Action.



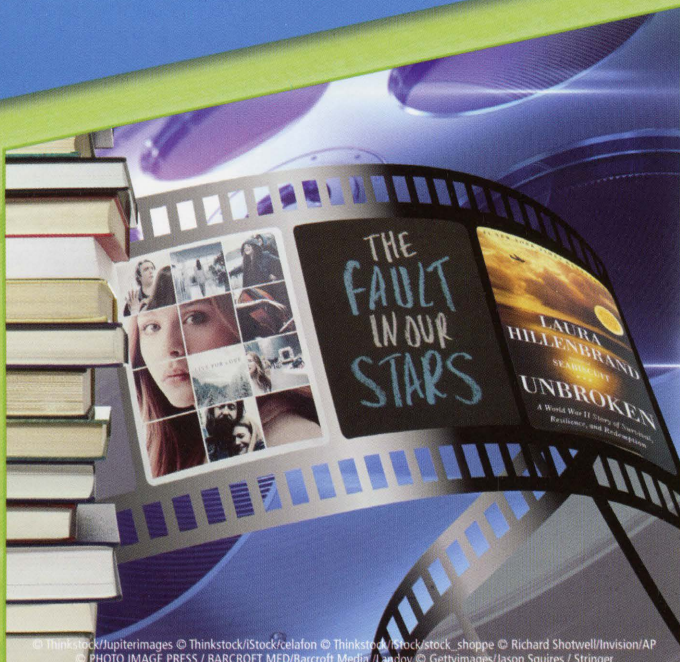
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TOP FASHION LOOKS

Patterned shirts, pants, skirts and dresses were the "It Look," whether the print was plaid or a kitschy design. Metallics and pastel colors, western-inspired styles and sporty themes also reigned in closets across the country.



TRENDS



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FROM PAGE TO SCREEN

The most favored books of 2014 nearly all had the same thing in common; they were made into movies or movie versions are in the works:

1. *If I Stay* by Gayle Forman*
2. *The Fault in Our Stars* by John Green*
3. *Paper Towns* by John Green - 2015 movie release
4. *Where She Went* by Gayle Foreman - movie release likely, sequel to *If I Stay*
5. *Unbroken* by Laura Hillenbrand*

* = a movie edition is already available



JEANS DROP IN POPULARITY

Jeans used to be a favorite clothing choice among Americans, but not anymore. The "athleisure" trend of wearing yoga pants and leggings is now most popular among teens. Jeans sales dropped 6% in the U.S., proving that when it comes to clothes, yoga pants and leggings come out on top.



STREAMING PREFERRED

Television viewers shifted their habits to streaming subscription-based services and digital devices. Live television viewing declined by 4% compared to the previous year, according to a Nielsen Total Audience Report.



GUYS JOIN IN

Fashion for guys expanded and offered more opportunities for expressing personality with style. Top fashion picks for young men included blazers, leather jackets, Doc Martens, and buttoned-up shirts for a "rebellious prep" look.



FANCY FOOTWORK

Slip-on shoes in a variety of prints and styles were huge with both boys and girls. The Western-themed trend, metallics, and plaid also transferred to footwear choices.

© ASSOCIATED PRESS



FROZEN FRENZY

For the 1st time in 11 years, Barbie™ was not the top toy on girls' wish lists. Instead, Disney's® *Frozen* apparel and merchandise took the nation by storm and there was plenty to choose from: everything from pajamas to dishes, slippers, backpacks, bedding and more. Other popular toys for girls included Monster High™ dolls and My Little Pony®, while boys preferred LEGO®, Teenage Mutant Ninja Turtles™ and Hot Wheels®. Both boys and girls requested tech-savvy gifts such as Apple iPads and other tablets, video games, Xbox™ One and PlayStation® 4.

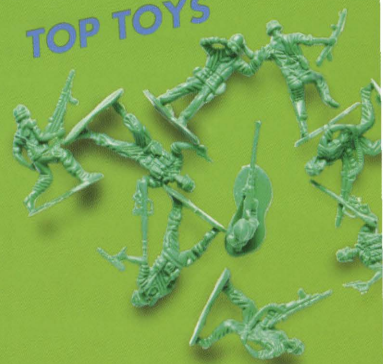


DVD BESTSELLERS

The top-selling DVDs in the U.S. were as follows:

1. *Frozen*
2. *The Hunger Games: Catching Fire*
3. *The LEGO Movie*
4. *Despicable Me 2*
5. *The Hobbit: The Desolation of Smaug*

TOP TOYS



In its 15-year history, the National Toy Hall of Fame® has inducted top toys each year. The selected toys "have inspired creative play and enjoyed popularity over a sustained period."

INDUCTED 2014:

- Bubbles
- Little Green Army Men
- Rubik's Cube®

2013:

- Chess
- Rubber Duck

2012:

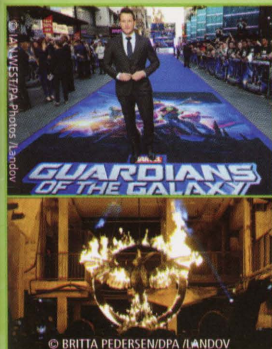
- Dominoes
- Star Wars™ Action Figures

2011:

- Blanket
- Doll House
- Hot Wheels®

2010:

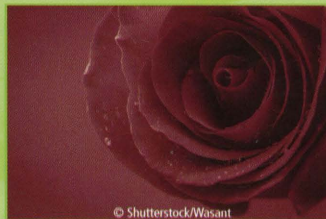
- Playing Cards
- The Game of Life®



TOP FLICKS

The highest grossing movies of 2014 paid homage to super heroes and animation. The top 5 movies, based on the amount they earned in 2014 were:

1. *Guardians of the Galaxy*
2. *The Hunger Games: Mockingjay Part I*
3. *Captain America: The Winter Soldier*
4. *The LEGO Movie*
5. *Transformers: Age of Extinction*



TOP COLOR

Pantone® selected Marsala for its Color of the Year for 2015.

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JUST THE FACTS

Name: _____ Birthday: _____

Grade: _____ Teacher: _____

School name: _____

Friends: _____

A little about me: _____

My best memory of the year: _____

MY SELFIE!

Draw or tape in your picture here

ALL ABOUT ME

MY BIG NEWS

Something cool that happened this year in my world

When: _____

Where: _____

Who was with me: _____

What happened: _____

MY FUNNIEST MOMENTS

Something funny that happened this year in my world

When: _____

Where: _____

Who was with me: _____

What happened: _____

MY FAVES

Book: _____

Color: _____

Subject in school: _____

Movie: _____

Singer/Music group: _____

Food: _____

Restaurant: _____

Actor/Actress: _____

TV show: _____

Store to shop: _____

Hobby: _____

Website: _____

Game: _____

App: _____

Outfit: _____

Activity outside of school: _____

Thing to do with my friends: _____

MY FUTURE

Job: _____

Family: _____

Place to live: _____

Pet: _____

Vehicle: _____

Accomplishments: _____

BIRTH SEASON AFFECTS MOOD

A study created by Hungarian researcher Xenia Gonda suggested that the season of a person's birth could be responsible for overall mood.



BORN IN WINTER

More likely to be prickly adults



BORN IN SPRING/SUMMER

Tends to be excessively positive



BORN IN SUMMER

Experiences more swings between sad and cheerful moods



BORN IN AUTUMN

More likely to be upbeat

© ThinkStock/Anilkasahera

FUN & GAMES

WHAT CAN YOU CREATE?

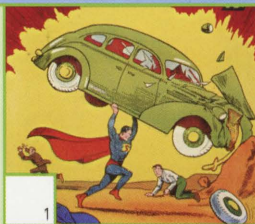
Finish the squiggle to create your own picture!



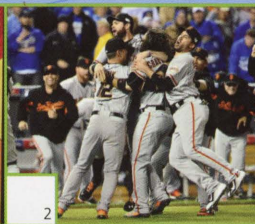
QUIZ TIME

Match the letter and description with the correct photo on the right.

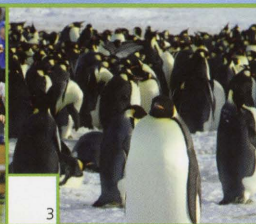
- A** 2014 Baseball World Series Champions
- B** Youngest Nobel Peace Prize Winner
- C** The "Girl on Fire"
- D** The world's first robotic penguin
- E** Most expensive comic book ever
- F** A 1 in 2 million crustacean



1



2



3



4



5



6

