

Ants don't need gravity, but without it are less bold



Just as America and Russia sent two men to the International Space Station last week to spend a year there, we learned about a group of "antstronauts" who have already completed a year on the ISS.

A colony of ants has been living on the ISS since January of last year, and researchers report that they've done pretty well in the low-gravity of orbit.

They do fall off surfaces and tumble in the air, which is not surprising, but they show more ability to regain their footing than was expected.

Their ability to explore new areas was what scientists were watching, and low gravity seemed to make them somewhat less adventurous, but they still used the same cooperative methods it is hoped can be taught to robots in the future. To learn how your class can participate in this research, use the link at [ColoradoNIE.com](http://ColoradoNIE.com)

Photo/USDA

# ColoradoKids

April 7, 2015



CK Reporter  
Kaiya Cox,  
Aurora



**DID YOU THINK KNOWING WHERE TO LOOK WAS THE SAME AS KNOWING?**

Here's an interesting piece of research from Yale: People who look things up on-line think they know more than they probably do.

The researchers took one group of people and asked them to find the answer to a question on Google.

Then they asked another group the same question but gave them the answer instead of having them look it up.

Finally, they took a group and asked them to answer a question using Google, but hacked the computers so it wasn't possible to find the answer that way.

Then they asked all three if they could answer a question that had nothing to do with what they had asked before.

The people in the group that had used Google successfully were far more certain than those in the other two groups that they already knew the answer to the new question without having to look it up.

## OUR LOCAL CIVIL RIGHTS MOVEMENT

When you think of the cities at the center of the Civil Rights Movement, Denver isn't exactly one that comes to mind.



By Andrew Onodera,  
14, a CK Reporter  
from Centennial

But the "El Movimiento" exhibit at the History Colorado Center reminds us of the important role that Colorado played during the Chicano Rights Movement.

Throughout the 1960s and 1970s, Chicano activists fought to secure their rights and battle against discrimination.

In cities across the United States, protests and boycotts were held.

Activists called for safer working conditions, better education, and most importantly, equality.

Colorado quickly became an important center of the nationwide Chicano Movement, and "El Movimiento" chronicles this time period in Colorado history.

The exhibit is divided into six sections that highlight the differ-



ent parts of the Chicano Movement in Colorado.

The sections detail the fight that took place over land in rural communities, as well as

the crusade for justice that took place in the cities.

There are also sections devoted to the Vietnam War protests and the student movements that occurred.

The last section in the exhibit is all about the legacy of "El Movimiento."

A common theme throughout the exhibit is "El Movimiento forced change, and the struggle continues."

In the legacy section, there are panels that describe the many



changes that were brought about by the movement and the lasting effect the movement has still today.

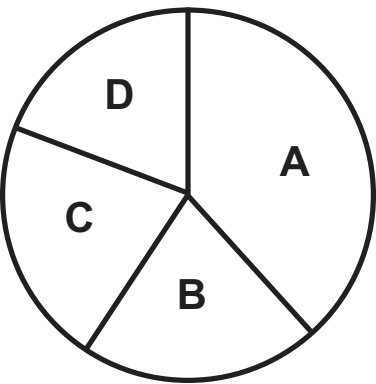
The exhibit uses pictures and stories from activists who took part in the movement to give patrons a firsthand look at what took place.

Although there is nothing very interactive inside "El Movimiento," the exhibit is still very engaging.

Many people will be surprised to find out just how big a role Colorado played in this vital civil rights movement.

"El Movimiento" is a must see for everyone and will be on site at the History Colorado Center through October.

Images courtesy History Colorado



# CK readers doing splits over fitness

The vast majority of CK readers who answered our question about fitness say they do work out, but they split on how.

Just over a third of those who responded said they are part of an organized sport, but working out in other ways and staying fit without organized activity each claimed just under a quarter of responses, and even those who admit they need to do more were in a similar sized group.

Here's what we asked you, and what you told us:

*How do you get most of your exercise?*

- A. I participate in organized sports programs. 38%
- B. I work out regularly, but not as part of a sports team. 21%
- C. I get a good amount of exercise, but I'm not on a schedule. 22%
- D. I should probably do more. 19%

Now here's our new question: *How are chores handled in your household?*

- A. When my help is needed, someone asks for it.
  - B. I have chores, but they're mostly enforced when things get out of control.
  - C. Regular chores done on a regular schedule.
  - D. Shh! I do very few chores.
- To answer this question, go to [www.nextgen.yourhub.com](http://www.nextgen.yourhub.com)

ck Kids and adults can find live links to information about stories in Colorado Kids at [www.ColoradoNIE.com](http://www.ColoradoNIE.com)

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# Nigerians now hope for Better Luck

It may have been the most important phone call in Nigerian history.

When President Goodluck Jonathan called Gen. Muhammadu Buhari to congratulate him on winning the elections last week, it probably saved the nation from violence and chaos.

Nigeria is both Africa's largest democracy and its largest economy, but neither have gone well in the past.

In fact, Gen. Buhari was part of two military coups that took over the government of Nigeria, and ruled the country from 1983 to 1985 as a very harsh military dictator.

Now, however, he says he has learned from the past and is dedicated to democracy.

It is important that the whole country be dedicated to democracy if it is to move forward, and so the phone call, and other public statements from Goodluck Jonathan's government urging people to support the election results, have been seen as surprising and positive: This is the first time in Nigeria's 66 years of independence that a president lost an election and accepted defeat peacefully.

Gen. Buhari has a great deal of work ahead of him if he is going to live up to the hopes of the people of his nation.

Nigeria is the seventh most populous country in the world, and has more than 200 different ethnic groups speaking several different languages.



Gen. Muhammadu Buhari waves to supporters after casting his vote in his home town of Daura, northern Nigeria. AP Photo/Ben Curtis

Except for a small number of local religions, it is fairly even divided between Muslims and Christians.

Because of this diversity, it is thought that Buhari will have an advantage in dealing with the country's most public problem: He is a Muslim who comes from the northern part of the nation, where the terrorist group Boko Haram has killed over 5,000 people.

Because Buhari is from that area, he may be able to get more cooperation from regional leaders in fighting the terrorists, and, as a military leader, he was known to have very little patience with those who would attack the country.

But Boko Haram is only one problem facing Nigeria.

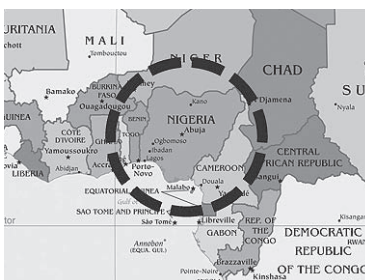
The country has many poor people, and, although it is a major

oil producer, low oil prices have shown how important it is to build up other parts of the economy and to see that people throughout Nigeria benefit.

Goodluck Jonathan was president for five years, and was not seen as a bad man. But he was blamed for the nation's widespread poverty, for the spread of Boko Haram, and for the dishonesty of government officials, which is another area in which Gen. Buhari is known to be strict.

Nigeria, and the world, will now get to see how effective he can be as an elected democratic leader instead of a military dictator.

But that phone call was a promising start.



## BEYOND THESE FOUR PAGES

Your grandparents probably remember some of the events and people in the "El Movimiento" exhibit at History Colorado.

Look through today's newspaper for a story about something you think will be remembered in 50 years. Why do you think it will be remembered? What would you want to tell your grandchildren about it?



# A pause in sibling rivalry

“Here’s Hank: Fake Snakes and Weird Wizards,” the fourth book in the “Here’s



By Kaden Porter,  
13, a CK Reporter  
from Denver

Hank” series by Henry Winkler and Lin Oliver, is a funny and touching story about an older brother trying to make his annoying sister’s birthday the best it can be.

The story starts when second-grader Hank Zipzer is at a street fair with his family.

His first-grade sister, Emily, sees a reptile show booth.

When she finds out the show travels to different events, she gets excited thinking the snakes can come to her upcoming

birthday party.

But when her parents have to tell her they can’t afford it, she tears up and cries, “I only turn seven once!”

At first, Hank doesn’t care because his sister is usually a pain.

Emily isn’t very nice to Hank, like when she tells a store worker that Hank is stupid, after Hank knocks over a display.

But then he remembers that Emily was on his side when their dad wanted to give away Hank’s dog, so he wants to help.

The rest of the story is about how he tries to keep his promise to Emily to get the Westside Wizard to perform at her party.

The only problem is, there is no Westside Wizard.

Readers who have a brother or sister can relate to the love-hate feelings between Hank and Emily, but it’s a great read for anyone ages 6 to 10.



Fake Snakes and Weird Wizards

# Funny, weird adventure

Daisy’s dad, in “The Graham Cracker Plot,” by Shelley Tougas, is in jail for something he didn’t do.



By Carson Butler,  
12, a CK Reporter  
from Littleton

While he was doing chemistry the house lit on fire and he was sent to jail, or “Club Fed.” as Daisy and her grandma jokingly call it.

When Daisy’s mom goes on vacation, Daisy stays at the house of her best friend, Graham.

While she is there Graham shows her the idea coin, a coin that he says is filled with magical power that grants you an idea or something interesting to do.

So one day they try out the idea coin, and the idea is to break Daisy’s dad out of Club

Fed and go to Canada!

Daisy and Graham plan every detail they can think of and their plan should work perfectly.

Along the way they recruit Ashley (someone Graham knows) to drive them to Club Fed and eventually on to Canada.

They even plan things like what they should do if Graham’s mom shows up as they are leaving and other tiny details.

This book is full of funny moments, tense parts, and a whole lot more.

The characters are expressive, as Daisy’s character is a smart reliable friend and Graham is a quick-talking and joking

person.

I would recommend this to anyone who likes funny books and weird stories.

The plot is exciting and made this an enjoyable read!



Shelley Tougas



## AMAZING ADVENTURES

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## Brain teaser



William Wordsworth was born this day in 1770, so our answers will begin with “D” for “daffodil.” (Not sure why? Look it up!)

1. Australia’s wild dog
2. Syria’s capital city
3. Author of “Charlie and the Chocolate Factory”
4. Famous boxer of the 1920s who took his nickname, “The Manassa Mauler,” from his Colorado hometown
5. Often called a “sail-backed dinosaur,” this pelycosaur lived about 40 million years before there were any actual dinosaurs.
6. “Fast and Furious” actor who was also the voice of “Groot”
7. Colorado county named for Lincoln’s debating opponent
8. Herb best known in American cooking for its use in pickles
9. Language spoken in the Netherlands, Belgium and Suriname
10. A long period with little or no rain

(answers on Page Four)

# FRESH IDEA, FRESH EGGS GOOD BOOK, BAD TITLE

Many soon-to-be-chicken-keepers attended a class at the Denver Botanic Gardens recently to learn about a popular trend, “Backyard Chicken Keeping.”



By Jayden Ponsford, 11, a CK Reporter from Aurora

Everyone had fun listening to Sundari Kraft and learning about these fascinating animals.

One of the first things she talked about was why people choose to raise chickens.

There are many reasons, but the main one is for their eggs.

Fresh eggs have less cholesterol and more omega 3 than store-bought eggs, several times more vitamin D and they're

also high in folic acid and B12, all of which makes fresh eggs a healthy choice.

Many people also keep chickens in their backyards to help control their weeds, while others keep them for pets.

The Backyard Chicken Keeping class is a seasonal offering, and always popular, Kraft said.

“I have taught Backyard Chicken Keeping about 25

times and I love teaching people who are excited about living a sustainable life by growing their own food.”

Kraft shares many resources for choosing your chickens from local breeders, feed stores and online hatcheries, and shared important “chick care” information about heat, lighting, housing, food and water, bedding and diseases.

For those brand new to this idea, she also shared start up costs and legal information

regarding how many chickens are allowed in each county in Colorado.

For attendees who had already purchased a flock, she offered more advanced information on using chicken droppings as compost, egg production, molting, winter care, wing clipping and protecting your birds from

predators.

The highlight of the class was the hands-on experience Kraft provided by bringing two of her own chickens to class, a Rhode Island Red and a Brahma.

After learning from Kraft, raising your own chickens seems easy and rewarding.

For more information, catch the links at [ColoradoNIE.com](http://ColoradoNIE.com)



Sundari Kraft and friends Photo by Jayden Ponsford

“Sophomore Year is Greek to Me,” by Meredith Zeitlin is about high school student Zona Lowell.



By Madeline Kawnak, 12, a CK Reporter from Aurora

Zona is in her sophomore year of high school when her dad gives her news that will change her world forever: They will be uprooting their life and going to Greece for six months.

Zona’s dad is a journalist and he wants to write a book about the economic situation in Greece, and since her mother died when she was young, Zona is forced to go with him, leaving her best friends, Hilary and Matty, and all life as she knows it in New York City.

What makes the trip even worse is that she will have to see her mother’s family, the people who completely cut off contact when Zona’s mother fell in love with an American and went off to America.

They didn’t even reach out to Zona and her dad when her mom died.

Zona tries to convince her dad to let her stay in NYC but to no avail.

They head to Greece where Zona starts halfway into the

year at her new school and meets her cousin Yiota and some friends.

During her six months in Greece, Zona gets to know her new friends pretty well, along with the new guy she likes and who likes her, Alex.

She also meets her mother’s family with a few surprises and goes through many challenges that will test her friendships, her courage, and the only family she knew before she came to Greece.

“Sophomore Year is Greek to Me” was a fairly easy read, and I would recommend it to ages twelve and up, more for the middle school age group.

There is next to no adult language and nothing inappropriate for that age group.

The only thing that could put this book below five stars for me is the

fact that it goes all over the place.

Only about twenty five percent of the book is actually what the title makes it out to be.

That is, you would expect a story about high school and while it does cover this, it strays into family and relationships and while this was part of what made the book so good, it didn’t have a flowing plotline.

Otherwise, this novel is very well written and a relatable story for the middle school age group.



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## Brain teaser Solution

(see Page Three)

10 right - Wow! 7 right - Great! 5 right - Good  
3 right - See you next time!

9. Dutch 10. drought

6. (Vin) Diesel 7. Douglas 8. dill

4. (Jack) Dempsey 5. dimetrodon

1. dingo 2. Damascus 3. (Road) Dahl

