



CK Reporter of the Week
Sadie Perry, Aurora

'Dreams' are big entertainment

DMNS's IMAX film encourages young STEM fans



MacGillivray Freeman's "Dream Big: Engineering Our World" is now showing at the Denver Museum of Nature & Science in the Phipps IMAX theatre in 3D.

Earlier this month, Greg MacGillivray, the director, and Menzer Pehlivan, a female engineer from Turkey, spoke to a packed audience at the museum about this movie.

Pehlivan is the main character in the movie. She lived through an earthquake in her hometown in Turkey, that killed many people in only four minutes.

That disaster made her think of becoming an engineer because she saw how many lives were lost as a result of poor engineering.

She remembers, she said, waking up at three am to her mother frantically trying to get her out of bed because she thought the building was going to collapse.

There was a miracle baby in the earthquake because it survived 42 hours in the rubble!

This movie is encouraging young kids to become engineers.

It features many stories, but it focuses on four main characters, all engineers.

One of the people highlighted in the movie, Avery Bang, gave up an opportunity for a high paying job in the US in order to go to countries in need and build bridges.

They showed footage of them building a bridge in Africa and how happy the children were when the bridge was built because it made it so that the kids could

travel safely to their school, which is on the other side of a river.

This was important because when the water rises, they are in danger and just going to school cost the lives of about 50 kids a year during high tides.

One woman was a mother of eight who drowned taking her children to school. Her kids actually joined the team that built the bridge.

It made me think that it must have been really hard: You are walking across a river and just like that, your mom is gone. Then you are building a bridge over the exact place where you lost her.

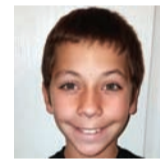
I was happy that the kids got a bridge, but I was sad that until that bridge came, they had to walk through the area that their mother had died every day on their way to school.

I'm shocked that they even still liked school.

This movie gives you mixed emotions and really gets to your heart. It teaches you about various reasons for being an engineer and introduces you to the life of an engineer.

I found it to be very touching, and I recommend it for everyone.

For more information, follow the link at ColoradoNIE.com



By Ben Vanourek,
11, a CK Reporter
from Littleton

'Disney on Ice' blends storytelling, athletic feats

Thursday, April 6, was the opening night for the Disney on Ice show, "Dream Big," at the Denver Coliseum.

The event was an inspiring ice performance teaching anyone and everyone to dream big, because dreams really can come true.

A huge number of familiar Disney characters were in it, including Tiana, Ariel, Cinderella, Olaf, and more!

This show awed you and made you feel five years old again.

If you're considering going the next time Disney on Ice comes to town, there are a few things you need to know.

One: A lot of the girls in the audience were in costume, so feel free to get out those mouse ears and fancy dresses.

Two: A lot of the souvenirs and food were very pricey, and stuff that was usually five bucks became thirty.

Three: You need a jacket, as it gets cold in the stadium.

Four: The intermission is super short, and you could have easily missed Tiana's very brief part if you didn't get back to your seat in time.

I found it nice that they let kids get close to the ice, and also let them sing and dance to the songs. It was way more interactive than you would think.

Anna made every girl watching feel like they had been said "hi" to personally.

This is not just an event for kids, however.

Grownups without kids were also found there.

Minnie and Mickey Mouse narrated between stories, which were shortened versions of most of the classics.

Non-Disney fans might have been sort of confused, because the shortened versions don't have a lot of the plot, just someone having a dream and it coming true, so it could be a bit confusing.



photo/Sylvia Goodman

There wasn't just a story line, though. The characters actually knew super advanced tricks, such as back handsprings and torpedo spins.

The sailors from The Little Mermaid, who usually don't have a big part in any retelling, stole the show with their acrobatics.

At one point one of them was catapulted onto a high platform -- on ice skates!

Another thing I liked were the amazing pyrotechnics, such as sparks during "Let It Go" and the actual lighting of the ice on fire during the Sleeping Beauty sequence.

This was a really amazing experience, definitely worth the money and any hassle you might encounter.

Watch for it the next time Disney on Ice comes to town!



By Sylvia Goodman,
11, a CK Reporter
from Centennial



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Tale of divorce mixes the sad with the silly

"The Great Treehouse War," by Lisa Graff, is about a girl named Winnie whose parents get divorced. She now lives with her mom three days a week: Sundays, Tuesdays and Fridays.

She goes to her dad's house on Saturdays, Thursdays and Mondays.

On Wednesdays, she lives in a treehouse in between both of her parent's houses.

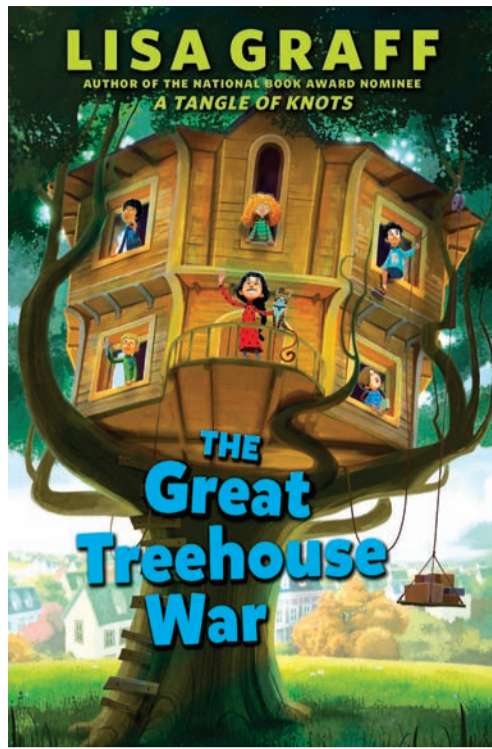
Winnie starts to have problems with her grades and with her parents.

While reading a friend's book, she finds out that the treehouse is not in the U.S.A. but in The Republic of Fittizio.

That country does not exist anymore so her treehouse is not in America. That means that when she's in the treehouse, she doesn't have to follow American rules.

Meanwhile Winnie's parents are each trying to make everyday "the best day of her life" but it's not really working, especially with all the crazy holidays her parents are making up like Underwear Day, National Raisin Day, and even Vitamin C Day!

She gets tired of the crazy holidays and her parents so,



with her ten friends, she goes up to live in her treehouse. They each have their reasons to be up there. Who or what will break first?

On a scale from 1-10, I would rate this book a 10 because it has lots of humor and creativity but some parts could seem very real.

It's funny because the holidays her parents make up are hilarious, but all the fighting between the parents and the kids is a bit sad.

Kids whose parents are divorced might especially enjoy this book.

I would recommend this book for kids 10 and up because it does have some sad parts to it but it's mostly funny.



By Christopher Smit, 9, a CK Reporter from Boulder

Touching, funny dog's story for young and old

Many people just like to get comfy and read a book, while others have reading assignments and need a decent-sized book to review.

The book I'd suggest is "A Dog's Life: The Autobiography of a Stray," by Ann M. Martin.

If you're an animal lover (specifically a dog person) this book will bring both laughter and tears.

The book is told by a dog named Squirrel and, since it's an autobiography, Squirrel is, of course, the main character!

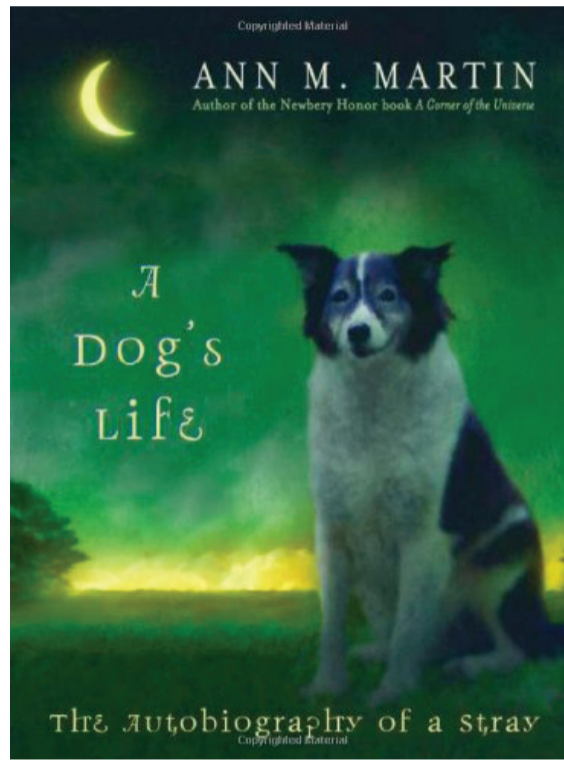
The story starts by explaining what Squirrel's childhood was like, then it moves into her past and all the owners she cycled through.

I'll let you read the end, but -- warning -- it's a touching ending and may cause tears.

If you usually prefer the movie version over the book, this might not be the best book for you, since there is no movie for this book yet.

Age levels that would enjoy this book are tween's and seniors.

I think these age groups would enjoy the book because, for tweens, it has meaning and the lesson of living life to



the fullest, and for seniors because it shows the memories over Squirrel's lifetime and I think that would make a senior recap their own life and see just how great it is.

The book contains content similar to one called "Saving Zasha," by Randi Barrow.

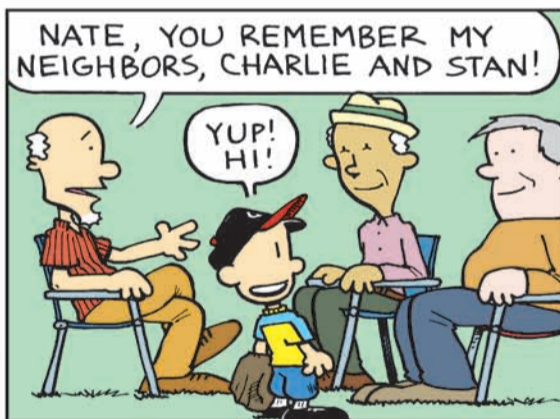
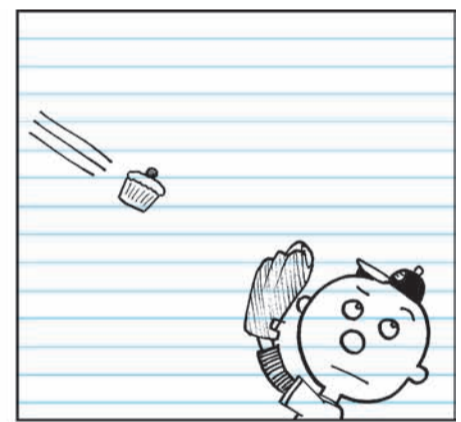
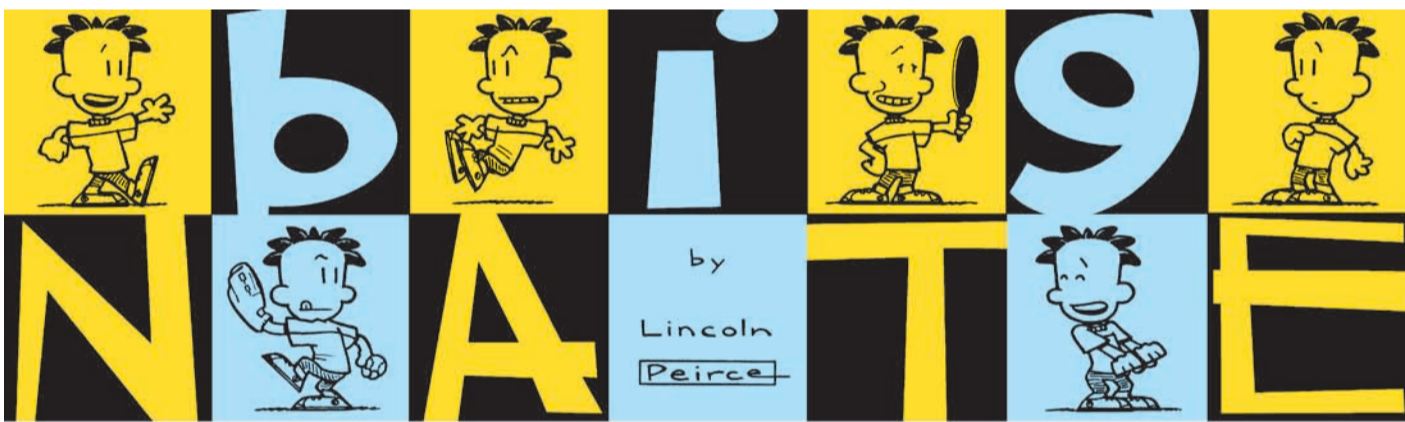
If you've read that book and liked it, then this book may be a good read for you.

And, if you like this book and want more of Ann M. Martin, go check out her book called "A Corner Of The Universe."

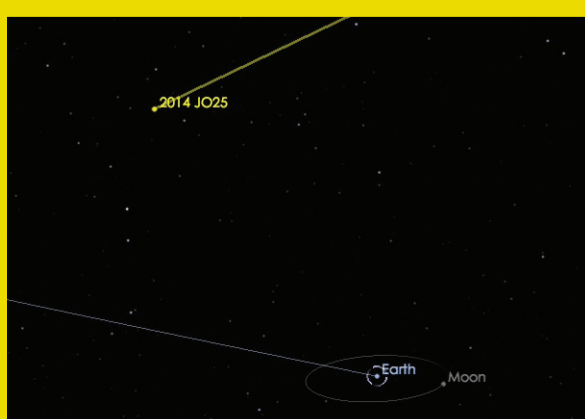
If you're looking for a 182 page book that warms your heart and is enjoyable to read, head on over to your local bookstore and purchase, or go to your library and take out, "A Dog's Life" by Ann M. Martin.



By Van Brown, 12, a CK Reporter from Littleton



Giant asteroid will pass by the Earth tomorrow night



The scary news is that an asteroid 2,000 feet across is going to be passing close by the Earth tomorrow night.

The good news is that we mean "close by" in astronomical terms, which, if you've been reading our series "Stories in the Stars," you know is not at all the same thing as "close by" in Earthly terms.

In fact, it won't get any closer than 1.1 million miles away, about 4.6 times the distance from the

Earth to the Moon.

And the bad news about the good news is that you won't be able to just look up and see it, but even a backyard telescope should give you a chance to spot this visitor, beginning tonight and for the next couple of days, if the skies are clear and you can get away from city lights.

Not only will the asteroid, named 2014 JO25, pass close by at least in space terms, but it hap-

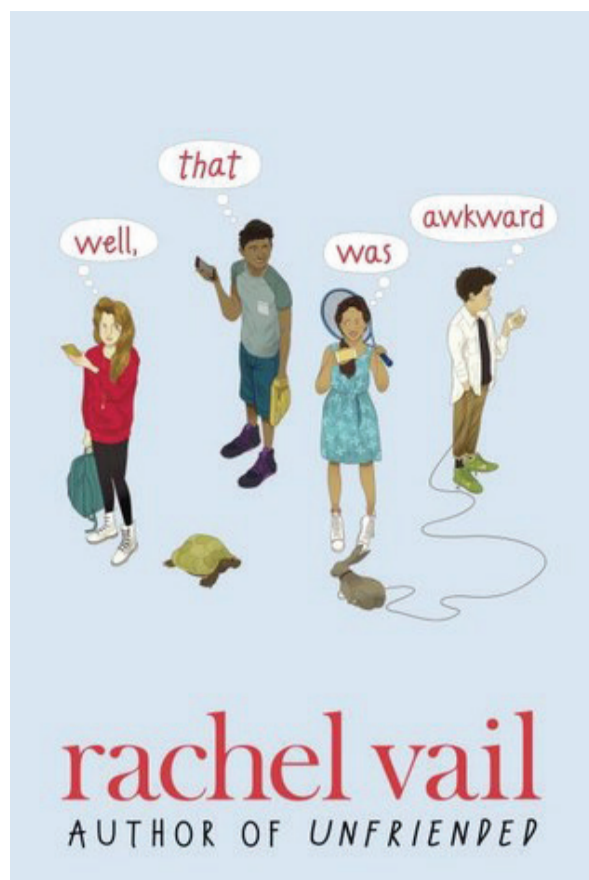
pens to be very light-reflective, so the chances of an amateur astronomer getting a look at it are quite good.

For help in finding it, click on the "Sky and Telescope" weblink at ColoradoNIE.com.

And if the skies are cloudy and you miss this chance, don't worry: 2014 JO25 will give you a second chance.

It will return for another near-miss in 2517. Image/ NASA/JPL-Caltech

Middle School love is, well, awkward



In "Well, This Is Awkward," by Rachel Vail, Gracie is an 8th grader who feels overshadowed by her best friend Sienna, who, in Gracie's mind, is perfect and beautiful, which might not necessarily be the case.

Then she starts to have a huge crush on her good friend A.J.

There's just one problem A.J. likes Sienna, and she likes him back.

But Gracie puts on a brave smile and helps her friend impress A.J. through texts and calls.

After a while she starts feeling hurt and used. But her funny and understanding

friend Emmet is always there for her even if she doesn't always notice.

Gracie tries to act happy and carefree but on the inside she's mourning the dead sister she never met and dealing with the stress of trying to impress everyone, all the while thinking she's not pretty enough or good enough for A.J.

Page after page is a funny and deep story about a girl who just needs to find out who she is and learn the true meaning of first "love."

The story can make anyone who reads it fall in love with relatable characters and funny conversations.

It will make you laugh at the age-old situations with a 21st century spin, as some points in this story are written as texts from one person to another.

The plot has several twist and turns that kept me interested and intrigued.

Page after page is a funny and deep story about a girl who just needs to find out who she is and learn the true meaning of first "love."

I think this book will touch the hearts of every person who has felt that they are not good enough and let others take the spotlight.

"Well, That Was Awkward" teaches an important message: You are perfect

just the way you are and you don't need to change to impress anyone.

I would recommend this for anyone who is in middle school or high school since it is in a middle school setting.



By Reese Hitzler, 12, a CK Reporter from Littleton

Crowd sourcing could help save coral reefs

If you follow environmental news at all, you've heard of the bleaching of the Great Barrier Reef, the giant coral reef off the coast of Australia.

Coral is a living creature, and reefs are areas in which the colorful coral on the surface of the reef is alive and growing, while the coral underneath is the skeletons of past animals.

Over years and centuries, these reefs grow, with fresh young coral branching out.

However, that ancient process seems to be coming to an end, in Australia and elsewhere around the world.

The combination of climate change, which has slowly warmed ocean temperatures, with an El Nino weather system in 2016 that raised them even more, has killed off much of the algae that coral feed on.

It has not been hard to spot the damage, because, without the algae, the coral on the surface of the reef dies and loses its color.

Large portions of the Great Barrier Reef have seen as much as two-thirds of its coral die, turning the reef white in what is referred to as "bleaching."

A report from Australia's Climate Council last week showed that, even with the El Nino system over, the warmed water temperatures of climate change continued the bleaching through March, 2017.



photo/Elapied

The loss of the Great Barrier Reef is not simply a disaster for nature lovers, either, the Council pointed out: Those nature lovers come to Australia each year to explore the reef, which has been designated a World Heritage Site, and they spend \$7 billion in doing so, supporting 69,000 jobs in Australia's tourism industry.

Australia is not the only nation that benefits from ecotourism, either: The Council estimates that losing coral reefs would cost the tourist industry worldwide many thousands of jobs and a trillion tourist dollars each year.

Even people who don't care about nature should care about that.

But some of those nature lovers are doing more than just diving to take pretty pictures of the coral that is surviving.

The Wildlife Conservation Society is recruiting both scientists and those who dive as a hobby to explore the surviving coral reefs around the world, carrying waterproof clipboards and taking notes of places that seem to be surviving the disasters of climate change.

Not only will this help track reefs before they die, but it will help by gathering information on less well-traveled areas off the coasts of developing nations, not just those near Australia and the US.

Still, as greenhouse gases build, coral reefs bleach and die.

Sudoku

1				2	
		6		1	
			5		3
	5	3	2		
	3	1			
					4

Rules: Every row across, every column down and each of the six smaller boxes must contain numerals 1,2,3,4,5 and 6, one time and one time only.

The solution to this week's puzzle is on Page 4.



Brainteaser

On this date in 1775, Paul Revere and William Dawes rode to warn patriot soldiers in Lexington and Concord of approaching British army forces, so our answers this week will start with "L" for "Lexington," where the American Revolution began.

1. Tall seaside building that uses a powerful lamp to warn ships of the nearby coast
2. Pasta noodle wider and flatter than spaghetti but not as wide and flat as fettuccini
3. Author of "A Wrinkle in Time," "A Swiftly Tilting Planet" and other novels
4. Beirut is the capital of this nation.
5. Despite its name, this Lake County mining town is better known for silver and gold, as well as for the molybdenum mined in nearby Climax.
6. Julius Caesar spoke this language.
7. A former football player for Wheat Ridge High, Colorado University and the Broncos, he currently calls Bronco games on KOA Radio with Ed McCaffery.
8. This crustacean looks like a giant crayfish and is a very popular seafood
9. Hugo is the seat of this county on the Eastern Plains
10. Vicunas and alpacas are types of this South American animal

(answers on Page Four)

Can eating fresh fruit prevent diabetes? Maybe

There was good news last week about a study in China: It showed that people who make fresh fruit a part of their regular diet are less likely to have, or get, Type 2 diabetes. Sort of.

But about the time the newspapers and websites began happily reporting this cheerful news, the British Health Service website, "Choices," added a little science and math to things.

Reporters who, perhaps, didn't quite know how to understand the report were excited about the results, because a study of thousands of Chinese people had shown that those who ate fresh fruit regularly were 12 percent less likely to develop diabetes than those who didn't.

But the Choices site pointed out a few things

those other sources apparently didn't think of:

One is that people with diabetes sometimes skip fruit because of the sugar in it, though they shouldn't be too concerned. But that means that if you asked people with diabetes (*and bad health advice*) if they ate fruit, many would say no.

But that doesn't mean they never did, just that they don't now.

And eating fresh fruit is one part of a healthy diet. We already know that a healthy diet can help prevent diabetes, but there's no proof that it was the fruit in particular that makes the difference.

So you *should* eat a healthy diet, with fresh fruit and veggies. And you *shouldn't* believe everything you read.

photo/Dungodung



Beyond These Four Pages!

Hot Links to Cool Sites!

NASA's Space Place

<http://tinyurl.com/ckspace>

NIE Special Report

<http://tinyurl.com/ckniereport>

Headline Geography

<http://tinyurl.com/ckgeography>

Pulse of the Planet

<http://tinyurl.com/ckpulseplanet>

How to become a NextGen Reporter!

<http://tinyurl.com/colokidsreporter>



To read the sources for these stories

Fruit and Diabetes

Helping Coral Reefs

2014 JO25

go to <http://www.tinyurl.com/ckstorylinks>

Stories in the Stars: Corona Borealis

The Story

Poor Ariadne. When the Greek hero, Theseus, came to Crete, he asked Princess Ariadne to help him.

Her father the king had been feeding young Greeks to the Minotaur, a horrible monster with the head of a bull and the body of a man.

Theseus had come to stop these terrible murders by killing the Minotaur, but it wasn't going to be easy.

The Minotaur was kept in the Labyrinth, a great stone maze. If Theseus went into the Labyrinth, he'd have no trouble finding the monster: The Minotaur would find him.

But how would he ever find his way back out again?

So Ariadne helped Theseus, giving him a ball of thread to help him find his way in the Labyrinth. And when he succeeded in killing the terrible Minotaur, she fled with him in his ship, for her father would never forgive her for helping the Greeks.

She thought she was going to Athens to be his wife, but she was wrong.

They stopped at an island to rest for the night, but when Ariadne woke up the next morning, Theseus and the other Greeks were gone.

Some stories say he left her there by mistake. Others say that he was told to do it in a dream. And still other versions of the story say that he ran away with her little sister, Phaedra.

However it happened, poor Ariadne was stuck on a desert island, all by herself in the middle of the Mediterranean Sea.

She did her best to make her life as comfortable as she could, until one day, she found a sailor lying on the beach. He had washed up on shore and was nearly drowned, so Ariadne brought him fresh water to drink and food to eat. She nursed him back to health, and then something very strange happened.

The sailor suddenly turned into a very, very handsome young man, even more handsome than Theseus. It was the god, Dionysius. He had disguised himself as a sailor to see if Ariadne were really as kind and good as everyone said.

When he discovered that she was, he asked her to be his bride.

Now, as the wife of a god, she certainly needed a special crown. And if you go out on a clear night, you can see the Corona Borealis, the beautiful crown that Dionysius gave his kind, good wife, Ariadne.

They say he was so happy to find such a wonderful wife that he threw the crown high into the sky, and there it stays to this very day.



The Stars

Ariadne's crown is a delicate tiara rather than a big gold hat. It's small, but its seven sparkling jewels make it worth looking for!

Another way to think of Corona Borealis, when you're looking for it in the sky, is to know that the Cheyenne thought of it as a "camp circle" in which the fires were built in a semicircle.

The easiest way to find Corona Borealis, the Northern Crown, is to begin by finding Bootes the Herdsman. Start at Arcturus and go up the lefthand side of the ice cream cone.

When you get to where the cone meets the ice cream, turn left and look for a half-circle of stars. That's Corona Borealis, a small constellation about the size of your fist, if you hold your arm out straight towards it.

We all know that the finest jewel in a crown is right front-and-center, and Corona Borealis is no exception. Right in the middle of the crown is its brightest star, Alphecca, or Gemma.

"Alphecca" comes from the Arabic word for "broken" because the circle is not complete. "Gemma" is Latin for jewel ("gem") and both names make sense for this star!

It's a binary star, but you probably won't be able to see the two stars unless you're at an observatory with a very good telescope.

One of the most interesting stars in Corona Borealis is R Coronae, a star you might never see. It's in the middle of the space in the crown where Ariadne's head would go, about halfway between Gemma and the last "jewel" on the left end of the crown.

R Coronae Borealis is not very bright to begin with, but every so often, it shoots out a cloud of soot and disappears completely!



Sudoku Solution

1	4	5	3	2	6
3	2	6	4	1	5
2	1	4	5	6	3
6	5	3	2	4	1
4	3	1	6	5	2
5	6	2	1	3	4

Brainteaser Solution

(see Page Three)

10 right - Wow!

7 right - Great!

5 right - Good

3 right - See you next time!

1. lighthouse 2. linguini 3. (Madeleine) L'Engle 4. Lebanon 5. Leadville
6. Latin 7. (Dave) Logan 8. lobster 9. Lincoln 10. llama

NEXT WEEK: The Magpie Bridge

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For a teaching guide, go to <http://tinyurl.com/ckserial>

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