
THE CARROLL CHRONICLE

A NEWSPAPER FOR CARROLL ELEMENTARY SINCE 2013

ISSUE no. 27 Fall 2022

Recycle to Reduce

By **Vivianna Lopez**

What is the importance of recycling to our planet? What would happen if we didn't recycle? What is our part in this? Our future as young people could depend on the answers to all of these questions. It could mean the difference between living on a planet that is covered in trash or one that is green and thriving.

Stop and think about what would happen if everyone stopped recycling. Landfills would overflow with piles and piles of rotting garbage. There would be even more islands of trash in the ocean than there already are. Stopping recycling also would increase pollution in our oceans and rivers and destroy natural habitats that animals depend on. Even worse, chemicals from the trash would seep into our soil



and into our food sources and lead to cancer and other diseases. Greenhouse gasses would be released into the atmosphere causing further planetary damage.

Now I don't want you to panic, and our future is bright; there is hope. Recycling conserves some of our natural resources, such as energy. It reduces water and air pollution which makes our habitat healthier. For example, making recycled office paper creates 74% less air pollutants and 35% less water pollutants than manufacturing it from new wood. Greenhouse gasses are one of the worst forms of pollution to our Earth and they are released from coal, oil and

Continued on p. 7

Inside this Issue:

Covid Comes, Shelters Empty	Page 2
How to Make Pencils	Page 2
Forgotten Languages	Page 3
Do Dogs Understand Language?	Page 3
History of Spam	Page 3
Nature's Destroyers	Page 4
Chess	Page 4
Global Warming	Page 5
Are We Born With Personality?	Page 5
Who Invented the Alphabet?	Page 6
Old or New Movies?	Page 9
Can You Read This?	Page 9
Edge to the Universe?	Page 10
Word on the Blacktop	Page 10

Save the Chubby Unicorns!

By **Sophia Catanzaro**

Do you like rhinos? Well, they are giant, four ton, beautiful animals. But they're going extinct because of us! Only two northern white rhinos are left, so we need to do something or our precious rhinos will cease to exist. Recently, I visited the San Diego Safari park, and I got to go into the rhino enclosures on a safari truck to learn more about them.

The rhino population is decreasing at an alarming rate because of poach-

ers, hunters, and loss of habitat. There are only about 27,000 rhinos left. With more than 1,000 dying each year. So, what will happen in 27 years



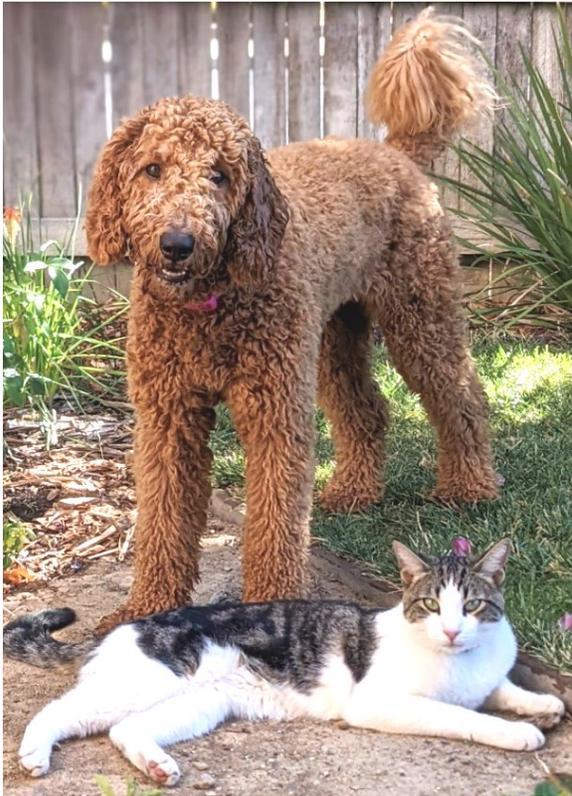
Continued on p. 6

Covid Comes, Shelters Empty

By Jauvonah Brock

Before Covid , many people had pets. But have you noticed that shelters have become even more empty after Covid hit? The most common pets are cats and dogs. Other pets include rabbits, birds, and fish. A shelter is a place where pets are kept before they are adopted by people. Most shelters give out cats, dogs, rabbits, and birds. Fish can be found at local pet stores. People use pets as companions and for comfort. A companion is someone/ something who/ what you spend a lot of time with. The pet population in shelters definitely decreased because of Covid.

Why are shelters so empty? Some believe that people were bored and lonely because they were on lockdown and did not have anything to do. They could not even go to parks at first because we weren't sure how Covid was



Saphy (standing) and Max (lounging)

spread. Everyone was home and didn't know what to do. Not many kids had their friends' phone numbers, or even phones for that matter. As a result, pets came to the rescue! Pets are usually cuddly, always there, and are great companions. People, realizing this, got pets. Cats are good cuddlers, and some dogs cuddle, too. Because kids had companions, they were less lonely. They spent time playing with their pets and were not as bored. Shelters became empty because the demand was great.

Why Doesn't Anyone Know How To Make A Pencil?

By: Zoey Cheung

Have you ever used a pencil? The answer is probably yes. How hard do you think making a pencil is?

You might think that a pencil is extremely easy



to make. Well, maybe not! What are pencils made of? Wood, lead, metal, paint, and an eraser are found in pencils. Wood is chopped from forests, lead contains graphite, which is mined, the paint is made from castor oil which comes from plants in India, and the eraser is made from rapeseed oil, oil from rubber trees, and pumice to make it gritty.

What do you use to get the materials in pencils? It seems like a lot, so let's narrow it down to wood. You need a saw, which is made from sharp metal and a plastic or wooden end. You also need a truck, which is made of metal, plastic, fuel, rubber, and ropes to tie the wood to the truck.

People might not know that they are making a pencil! If you are a farmer, then you might grow the food that people who work in a pencil factory eat. If you are a musician, then you might entertain the farmer that grows the food people who work in a pencil factory eat. You might not know that you are helping to make a pencil! Imagine traveling all over the world just to make **one** pencil! Good thing that we all work together to make everyday items! Don't you think so too? Next time you see a friend or a family member, remember to tell them how to make a pencil!

Watch the following videos to learn more about pencils!!!

<https://www.youtube.com/watch?v=aPb-slJH9Vs>

<https://www.youtube.com/watch?v=IRrWZVtibXw>

<https://www.youtube.com/watch?v=ITJKbF4mEYo>

(Almost) Forgotten Languages

By: Dominic Falla

There are many languages that have been forgotten over time, and some you probably never heard. Let's look over a few of them so they won't die out.

One forgotten language is Latin. It is the godmother of romance languages like Italian, Spanish, French, and English (half of it, anyway).

It was only spoken recently by people that live in Vatican City, but only Pope Benedict XVI could speak it fluently. In fact when the Pope resigned in 2013, many cardinals weren't sure what he had actually said.

Another forgotten language is Gaelic. There are actually other forms of Gaelic like Scottish Gaelic, and the form of Gaelic used in Ireland. But in Ireland, only about 59,000 people are reported to be able to speak Gaelic opposed to the 1.77 million people who speak English. Nowadays it is found that only some Irish people are able to speak Gaelic.

The last forgotten language is Aramaic. It is known as the language of the bible, and was spoken in the middle east. It is also a semitic language related to Hebrew and Arabic. Speakers of Aramaic are Middle Eastern Christians, Jewish communities, and Mandaeans.

Those were just three of the forgotten languages compared to the 7,000 other languages that are forgotten. They all need to be remembered before they are forgotten for good!

The History of SPAM

By Linkin Luc

The history of Spam is interesting. Did you know the name SPAM means, Scientifically Processed Animal Matter? You read that right, scientifically processed. Are you grossed out? Have no worry! On the can it says the ingredients are pork, water, salt, potato starch, sugar, and sodium nitrate. More than eight billion cans have been sold since the year 1937. Spam has been around for 85 years! Some thought Spam was an acronym for shoulder of pork and ham.



During WWII soldiers were fed or stuffed with Spam.

TA's troops started to complain about having Spam three meals a day. By the

end of WWII, and as American GIs who had refused to eat Spam returned home, saw its role start to slowly shift away from convenient protein source to a "sometimes-food" side dish. Some anti-Spam backlash was received by the public. However, the Spam "power" was strong. During WWII, Spam continued to make its way to England and the countries along the Asian Pacific. As of now, Spam is available in 44 countries! "Having the sort of food that can survive in tropical heat and can be kept on shelves for weeks and months was a big boon", stated food historian Rachel Laudan.

Even though Spam has been around for a long time and has gotten a lot of hate over the years, a lot of the world still enjoys it today, even me!

Do Dogs Understand Human Languages?

By: Alody Fernandez



Have you ever wondered if your dog understands you? Most dogs seem to understand simple words like "no, yes, sit, stay, come here," or their name, but do they understand all of our human vocabulary?

Personally, my dogs seem to get sad if I say mean things, and happy when I say kind things. It seems that most dogs can just assume what you mean by your tone or action.

If you think about it, dogs may be able to memorize words you say and know the meaning by your tone. For example, if I told my dog something hateful and rude. but in a sweet voice, she would most likely lick me or just in general be in a happy mood. But if I told her something sweet and kind in a stern and strict tone, she would likely have a gloomy mood. So if you have ever wondered if your dog understands you, the answer is most likely no. Your dog just understands your body language, tone, or mood when you speak to it.



Fire and Water: Nature's Destroyers

By Judith Wong

The earth has faced nature's many destroyers: tsunamis, floods, hurricanes, earthquakes, monsoons, snowstorms, blizzards, thunderstorms, volcanoes, tornadoes, droughts, and wildfires. Some think the most destructive are wildfires and floods.

Floods

On the Earth, there are some areas that are unfortunately always attacked by floods. For example, in Southeast Asia, Cambodia is one of those places. Cambodia is usually attacked

by floods every year because of the heavy rainfall. But one year, 2013, the flooding was lethal and dangerous. Water raged across at least half of Cambodia and affected a very large number of people, close



to 1.7 million. Over 50 innocent lives were lost in the dreadful floods, and many survivors were homeless. A group called 'People in Need' made a warning program which delivers messages to anyone who has a phone and is at risk. If a natural disaster ever occurs, their National Committee for Disaster Management sends out messages to people in the areas that could be affected. The warnings give people time to escape, pack up, evacuate, or head to a close shelter. The extra time used can make a big difference - but in a good way. Cambodia's warning program helped become a thing because of a man named David Wilkie, the founder of a company that made a system called Somleng. The word somleng means voice in a language called Khmer. Somleng is a program that lets a person send messages and call people in a community all at once. This is much more efficient than dialing person by person and also is similar to Cambodia's local warning system for floods. Pakistan has also been facing floods recently, just like Cambodia. In the past few weeks, the water has buried two-thirds of Pakistan with water. Approximately 1,000 people died because of these tragic floods.

Wildfires

Fire is always present in California. Just like Cambodia, California is one of the areas being struck with natural disasters. California has many wildfires during the summertime, but the one year when the fires were strongest was 2018. The cause of so many fires were strong winds, very little rainfall, and dry and

Continued on pg. 8

Chess

By Chukwuemeka Nwangburuka

Chess started in the Gupta Empire in 600CE (Common Era), in India. Some people think it was played by ancient Egyptians who played something similar to chess. In the past, chess was used for war strategy. The pieces included a counselor, elephants, chariots, infantrymen (soldiers), horsemen, and a king. It was called chaturanga, the older version of modern chess. But all versions of chess were used for the same thing: battle plans and strategies.

Chess carefully moved on to Europe and around 1200 CE (Common Era) the game made advancements to become

what it is today. In Italy and Spain, such changes gave their pawns the ability to move two squares on their very first turn. In the 18th century, the center of the chess world did switch from western Europe to areas like France. Games were played



in large coffee houses in big cities such as London and Paris. It was not until the 19th century that chess gained more awareness and people started playing the game more. Now chess is getting streamed, getting put in articles, and even playing the game online.

Many people still play chess whether it is online chess or the normal board game chess. Chess is a board game of skill for two players, on an eight-by-eight checkerboard. Each player starts with 16 different pieces: the Pawns, Rooks, Knights, Bishops, Queen, and finally the King. Here is how you move the pieces.

First, we have the king, it is the most valuable in the game but there are some downfalls to how much it can move, it can only move in any direction one square at a time.

Next, we have the queen. Unlike the king, the queen could move anywhere she wants and as far as she wants, but she can't jump over other pieces.

Now we have the rook, the second most powerful piece in chess. It could move down, up, left, and right how far it wants.

Continued on p. 8

Global Warming

By Hailey Masuno

Have you ever wondered how global warming and climate change affects our planet? Global warming is serious, having a long term effect on our planet such as the melting of icebergs. They are melting because of the increasing heat of the climate. We are destroying arctic animals' homes. These innocent creatures' homes are suffering because of us. These melting glaciers may leak into our warm oceans with melted ice water, also affecting the ocean currents.

Icebergs aren't the only things heating up. Earth's surface is heating up as well because of the ozone layer's hole. The



hole is formed from a certain gas containing chlorine and bromine. When they come into contact with each other it creates a gas that destroys the ozone

molecules.

Lastly, climate change also raises our sea levels. Sea levels have risen since 1880. Scientists are estimating that by 2100, sea level will reach 8.2 more inches. Governments are working on making a law to stop using this gas.

If you can help prevent pollution then you may be able to make a difference so we all can breathe fresher air, repair the ozone layer, and stop glaciers from melting. This is important for future generations to know so that they could help provide solutions for our suffering planet.



Damage from Hurricane Ian on September 29, 2022

Are We Born With Personalities?

By Norah Tan

Everyone has a personality, but each personality is unique and different. In other words, nobody's personalities are exactly the same, including twins who live in the same environment. So is a personality formed 100% by our surroundings, or does it start to form when we are not yet born?

Parents may find their child is difficult to manage (the child does not listen to parents) or are they easy going? This is because we are born with our own unique personalities.

Usually, a child's personality is formed around the age of 3-5, affected by family background, which means that the parents' level of education, way of thinking, health, and expectations, affects their child. Another determination of personality formation is socialization. For example, a child who stays home often and barely reaches the outer world may be considered an introvert, another term for shy. It is possible and not uncommon for shy children to be raised by parents who are extroverts (people who are outgoing).

Identical twins, who develop in the same environment, can end up with different personalities. According to the 'Minnesota Twin Study of Twins Reared Apart', which began in 1986, personalities are due to genes, a unit of heredity transferred

from a parent (DNA), which affects your height, hair color,



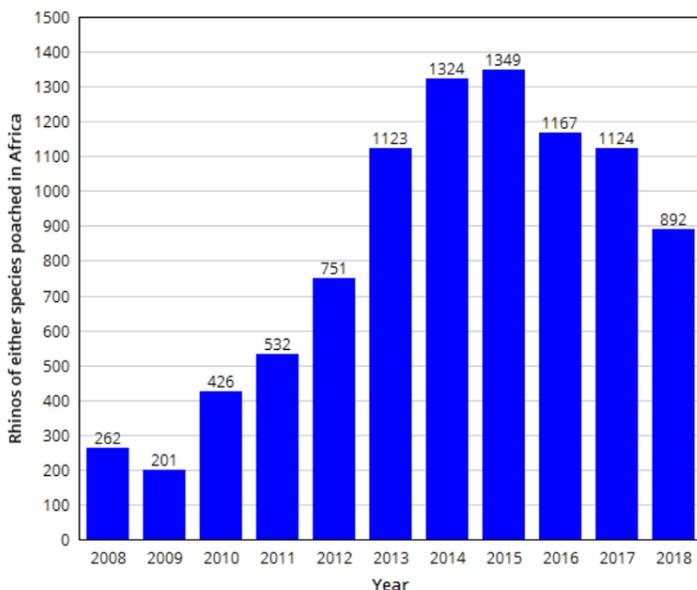
ear shape, etc., including your personality. There is numerous research that shows this is the case. So one may conclude that personality formation is related to our genes, and not just environmental influences. Researchers also found that certain genes and personality traits that are passed down from parents affect a child's personality, as well as the environment one is born into.

In the end, research shows that people are born with personalities passed down by their parents, but are also shaped by culture, circumstances, and other environmental factors.

from now? Poachers hunt down Rhinos and cut off their horns to sell and make knife handles and even to make into medicines. But their horns are made of keratin, the same thing finger nails and hair are made of. So, does your hair and fingernails cure illness? No! So neither does rhino horns! Hunters are killing the rhinos for sport and that's a big reason for their extinction! The loss of habitat is due to people building farms and ranches right on their territory which limits where the rhinos can live.

Rhinos are very important animals to our environment. They are grazers, which means they eat large amounts of grass and help shape Africa. Rhinos weigh 4 tons (8,000 pounds) and have thick armor like skin and have almost no hair on their body. Rhino skin thickness is about 1 inch thick. (Human skin thickness is about 1/8 inch thick) If the rhinos did not graze, the Savannahs and forest that they lived in would become extremely out of place in addition to the emptier one. They can run up to 30 miles per hour and they have incredible hearing because of their ability to swivel their ears in different directions. This amazing animal may go extinct and no other animal could ever replace it! The rhino only has 5 species and the northern white rhino is very close to extinction. (There are only 2 northern white rhinos left and they are both females with the last male dying in 2018.)

Data from International Rhino Foundation



Even though rhinos are close to extinction, there is something we can do to save them and let them live in peace.

It's not even that hard to do! The simplest way to help the rhinos is to not buy any rhino product and/or don't use non-sustainable wood, paper, and palm oil. Another good way to help is to report any illegal wildlife trade. (Since illegal trade is one of the biggest reasons for their extinction, this is the most important way to help.) Of course you can also sponsor a rhino by paying \$55 to help adopt one from the WWF.



As you can see, rhinos are one of the most important animals in the environment. Many of them die every day and if we don't stop this, the rhinos will go extinct! I hope this shows you that there are ways to help extinction and this is not a situation to say "Someone else will do it." Because right now you can do it, you can help save them! So, together we can indeed save the chubby unicorns!

Who Invented The Alphabet?

by Kirsten Usog

We use letters from the alphabet everyday for our names, sentences, paragraphs, essays, and more! But have you ever wondered, who invented the alphabet?

5,000 years earlier, around 3,000 BCE, the Egyptians wrote their alphabet by using hieroglyphics, which are symbols representing words or ideas. A couple hundred years later, approximately 1850 BCE to 1700 BCE, Egyptian merchants used common hieroglyphics which were adapted and simplified, called Abjad. They also added a few logographs for determination, like movement.

The Semitic people was a term for an ethnic (meaning, relating to a population of a group), and a cultural group from Egypt. They used their own specific symbols to make their alphabet. They based their symbols from the ideas of the Egyptians, and they made the original alphabet, which evolved, shifted, and adjusted over time.

Continued on pg. 7

gas. These gasses burn holes in our atmosphere but recycling helps reduce them. One way is if less goods are being manufactured, then less gas and coal are used. Recycling also frees up space in landfills, which frees up space for fun things like parks



and playgrounds. Another fun fact about recycling is that it saves your family money and you can actually make money by reselling things you don't need.

Now for the good news.

Currently one of the biggest landfills in the nation in Los Angeles is now filled with soil and is being turned into a beautiful park with amazing views of the L.A. landscape. Although this is a big change and seems difficult, we can make small changes with big impacts. Some things you can start with to help our Earth are you can buy second hand items, instead of brand new. Things like clothes, shoes, games, sports equipment and even things to decorate your home can be bought at thrift stores and garage sales. It can be fun to find cool antiques, vintage items like old records. You can repaint an old canvases, a pot or a piece of furniture and make it like new again (with the help of



your par- Little rewashing loc bags your met- instead of plastic a huge those Zip- same ones turtles and whales in the ocean. If you do drink a can of soda or a bottle of water, put it in the recycle bin instead of trash because this frees up space in landfills.

ents, of course). changes like and reusing Zip- and filling up al water bottle reaching for the bottle can make difference. Plus loc bags are the that are choking

I hope I've helped you understand what recycling does for our planet and that you too, can make a change even if it's a small one. Although it's difficult to make a change, small efforts to recycle can make a big impact. If each family pledges to stop buying plastic water bottles for one year, can you imagine the difference we could make? As Yotam Ottolenghi, a British chef, once said, "One man's trash is another man's treasure."

Word Search

G R E C Y C L E V Q B O
 E N V I R O N M E N T B
 C D H T R A S H P V D O
 J T C T R E A S U R E W
 R E U S E U E H D W Q I
 D D B G A R B A G E U S
 O I M P A C T Y N E J K
 R G L A N D F I L L S I

Find the following words in the puzzle.
 Words are hidden → and ↓ .

ENVIRONMENT	LANDFILLS	TRASH
GARBAGE	RECYCLE	TREASURE
IMPACT	REUSE	

The Alphabet Continued from pg. 6

ⱦ Ⱨ ⱨ Ⱪ ⱪ Ⱬ ⱬ Ɑ Ɱ
 Ɐ Ɒ ⱱ Ⱳ ⱳ ⱴ Ⱶ ⱶ
 ⱷ ⱸ ⱹ ⱺ ⱻ ⱼ ⱽ Ȿ

The Semitic alphabet-

Finally, the Abjad alphabet eventually spread to Greece and the surrounding region. The ancient Greeks refined and adjusted the Abjad alphabet, which now they call the Phoenician alphabet. The Abjad alphabet words didn't have vowels, so someone in Greece invented the vowels around 750 BC, and added it to the Phoenician alphabet. They adjusted it so the words could make better sense. For example, CML: Camel or Comely?

It's surprising how the alphabet evolved over the years of shifting, adjusting, to the alphabet we use today.



Egyptian Hieroglyphs

dead trees and bushes. According to a book called Xtreme Rescues: Fleeing California Wildfires, California had 6,284 fires in 2018. The strong fires burned as much as 876,147 acres of land in California. Before 2018, there were still fires, just not as many as that one year. It was hot, humid, and most of the trees were dead due to nasty bark beetles and severe drought conditions. These conditions already pointed to a season of fire in the future. California suffers a lot of fires, but it's not the only place that does.

In a show called "The Zoo Down Under," there is an episode that focuses on Australia's yearly bush fires during spring and summer. Many animals are hurt, like koalas. They try to escape the blazing flames by climbing the singed trees, but the innocent creatures didn't know it would burn their delicate hands. Koalas eat eucalyptus leaves, a part of eucalyptus trees. But

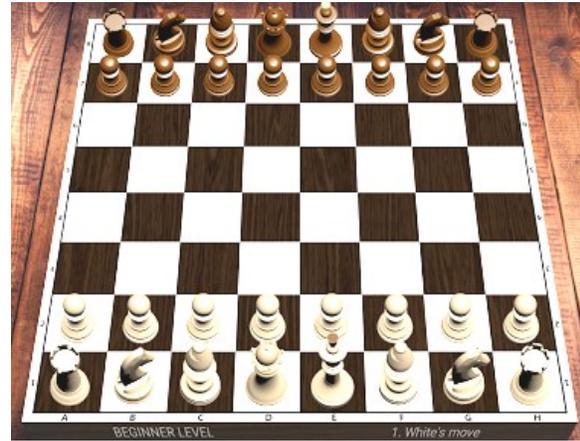


when the fires kill the trees, the koalas' food source is gone. The one and only good thing about fires is that the ashes of trees can nurture the land, making the soil good for growing crops. Many places around the world use planes and helicopters to dump gallons of water over the raging, hot fires enveloping the green, grassy land. That is the aerial strategy of putting out fires. The land department, however, uses hoses and fire-trucks to do their job. There are certain ways to tell if you are in for a big season of fire. For example, dry weather, low water supply of rainfall, and low humidity eventually lead to lots of loss. Reports have shown that fires are usually caused by 90% humans and 10% lightning.

Wildfires and floods are only the beginning of an endless list of natural disasters. Tsunamis, monsoons, snowstorms, blizzards, hurricanes, earthquakes, thunderstorms, volcanoes, tornadoes, and droughts are just as destructive and chaotic. These other destructors don't occur as often, but they still cause massive damage, death, and trouble. We can try to help prevent wildfires by trying to save water, and we can prevent floods by planting trees so the soil can soak up the water, delaying the flood. We are not only helping the environment, but are helping ourselves. That being said, it's helping our world, even if it's just a tiny bit.

Next, we have the bishop, this piece is the most confusing in chess because it moves diagonally as far as it wants. There are two kinds of bishops, the light-squared bishop and the dark-squared bishop. The light-squared bishop could only move on the light squares, the dark square bishop could only move on dark squares.

After the bishop, it's the knight. It is the only piece in chess that doesn't move in a straight line. It moves in an L shape, and it is the only piece that could jump over other pieces in chess.



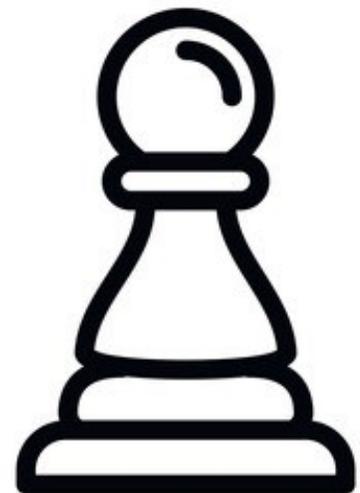
It goes two squares forward and one square to the side.

Last but not least, we have the pawn. The pawn could move only one square at a

time, but if it is their first time moving, they could move two squares. It is the only piece in chess that can't move backwards. Another thing that makes them strange is that they could only capture other pieces diagonally.

Chess has changed over many years and it is still being played as a strategy game and competitive sport. There are very famous chess players in this world; one of them is Garry Kasparov. He beat Deep Blue (The best A.I. chess player in the world) and was crowned the best chess player.

People are still trying to be the best chess player in the world and beat Deep blue in chess, to be crowned the best chess player in the world still to this day, and gain worldwide recognition for their skill. Remember



Color the pawn!

recog-white

Can You Read This

By Carter Pham

Have you ever heard of the old jokes about doctors' handwriting? How did this come to be? Has doctors' handwriting always been hard to read? Truth is, doctors didn't start out with bad handwriting, but were caused by a multitude of reasons.

Throughout medical school and their daily work, doctors overuse their hand muscles, which causes their handwriting to be sloppy overtime. On average, doctors take notes for about 15 hours a week. Many doctors also have to work long hours and perform surgeries with precision. Surgeries require steady hands that strain several hand muscles. After surgeries doctors must write reports and prescriptions for their patients.

Doctors are very busy, and have very tight schedules. This leads to time constraints which rush their writing. Rushed writing is one of the biggest causes for bad handwriting. While under a time constraint, doctors most likely do not care much for their handwriting. On top of that, the spelling of many medical terminologies are long and hard to spell, so doctors often use abbreviations, which makes it difficult for people to read.

Last but not least, doctors have very little time to rest their hands. They work an average of 10 hours a day. They can go through 20 to 25 patients each day. An average doctor only gets 2 to 4 weeks of vacation a year, while other professions have 6 weeks of vacation a year. All of these factors give doctors very little time to rest their mind, body, and hands, which contributes to their sloppy writing.

As you can see, doctors' bad handwriting came from overusing their hands, their busy schedule, and little time for their hands to rest.

Can you read this?

This is my handwriting

Older Movies Are Way Better, or Are They?

By Willow Armstrong

I have a serious question.: Which are better movies: from the past or newer movies? This question has been burning my brain for a while, or however long it took me to write this article. No one has answered this question so I decided to answer it myself to put my confused mind at ease. Ladies and gentlemen, boys and girls, people and more people, these two movies are about to enter the competition. Introducing, a movie from 1995: "Toy Story" going against a newer film coming out in 2016: "Zootopia."

Let's start with "Toy Story." This 1995 classic was the first of three movies to be released by Pixar. This fabulous movie was made with computer generated animation. The famous song "You Got A Friend In Me" was sung by Randy Newman and was nominated for best original song, sadly not winning.

"Toy Story" surrounds a group of animated toys that seem to be lifeless around humans. The toys move to a new house with their owner, Andy Davis, his sister Molly, and their single mother. As Andy's birthday approaches, the toys are worried that the party guests will be too rough with them. Woody, the star of the show, helps calm them down making the whole party a whole lot easier. As soon as Woody gets comfortable, a new toy comes along called Buzz Lightyear (which I assume he is named because he is a buzz



killer, or is that just me)? Andy forgets about Woody, and plays with Buzz Lightyear. This makes Woody so mad that when they go to Pizza Planet, he starts an argument with Buzz Lightyear causing them to be stranded. On the other hand, everything happens for a reason and because of this occurrence, Buzz and Woody go on adventures together building their friendship and making it a whole lot stronger. I guess you can say they had a friend in each other.

"Toy Story" won four Academy Awards: Best Animation, Best Individual Achievement Animation: Directing, and Best Individual Achievement Production. Out of all the

Continued on pg. 11

Is There an Edge to the Universe?

By Hana Zhu

Is there an edge to the universe? We know that the universe is a gigantic place— too vast for us humans to see it all, let alone visit it. However, I believe everything has an end or edge regardless of the size – even the universe.

The universe is made up of everything, such as planets, stars, galaxies, black holes and other forms of matter and energy. 1.5 trillion suns could fit in our milky way galaxy. If you think that's really big, there are about 100-200 billion galaxies in our universe, and about 4 million suns could fit into a black hole. There is also a distant star about 161,000 light years away in a galaxy called the Cosmic Tarantula. It was discovered by a telescope that was recently launched three months ago called the James Webb Space Telescope. This telescope has also discovered about 44 unknown galaxies which are nurseries for stars. These stars are so far away, that it'll take at least one million years even if you're traveling 1,000 miles per second. This already gives you a hint on how big and open the universe is.



Galaxy IC 5332 image captured by the James Webb telescope

Your head might be filled with questions like: “why do we need to know if there is or not an edge to the universe?” I can provide a couple answers to that. First of all, humans want to see if there is any other life form within the universe. These living organisms could introduce us to other planets that are cooperative with our needs—oxygen, food, gravity, and water. Secondly, it brings us to why we need to find another planet to live on. Possibly in a million years, Earth might become uninhabitable for us and we would need to find a new home.

What are scientists and astronauts doing right now to find the edge of the universe? Scientists have sent probes, rovers, satel-

Want to hear a joke?

Why was the jack-o-lantern afraid to cross the road?

It had no guts!

What is a scarecrow's favorite fruit?

STRAW-berries

What candy do you eat on the playground?

Recess pieces

How do you make a skeleton laugh?

Tickle its funny bone

What kind of monster loves to disco?

The boogiemani

What kind of roads do ghosts haunt?

Dead ends

Riddle me this:

When is it bad luck to see a black cat?

When you're a mouse.

How do you spell candy in 2 letters?

C and Y. (C-and-y)

Halloween Word Search

F	R	A	N	K	E	N	S	T	E	I	N
G	S	C	A	R	E	C	R	O	W	S	G
F	P	U	M	P	K	I	N	M	C	A	H
C	J	W	I	T	C	H	E	S	R	R	O
G	O	B	L	I	N	S	I	I	E	Z	S
T	R	I	C	K	O	R	T	R	E	A	T
V	E	C	O	R	N	M	A	Z	E	H	R
W	C	V	A	M	P	I	R	E	G	Q	I

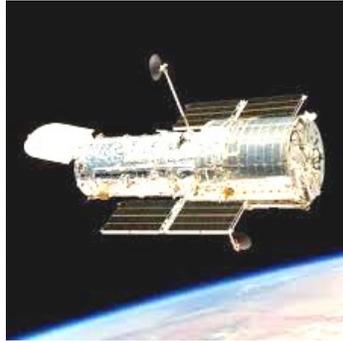
Find the following words in the puzzle.
Words are hidden → and ↓ .

CORN MAZE
FRANKENSTEIN
GHOST
GOBLINS
PUMPKIN
SCARECROWS
TRICKORTREAT
VAMPIRE

Continued on pg. 11

lites, and telescopes into deep space, such as Voyager 1 that was sent to explore the outer solar system in 1945 by NASA or the Hubble telescope that was sent to explore galaxies.. The scientists sent these robots/machines to travel through other stars and galaxies to seek contact with any forms of life or maybe an edge to our giant universe. So far, they have discovered over 100 billion galaxies and stars combined, but there is still more to explore,

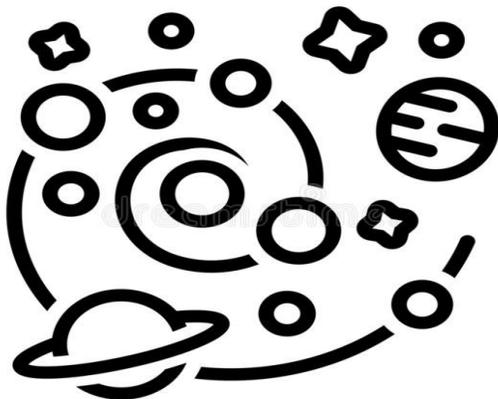
At this moment, even with all the above mentioned efforts from scientists globally, the answer is that no one knows for sure whether there is an edge to the universe. We, humans, are far too small compared to the universe. It is like comparing an ant to a swimming pool. The ant doesn't know where the edge is because the ant itself is too small and not capable of seeing the edge. But we will not stop and keep searching for clues about the edge of the universe.



The Hubble Telescope launched April 24, 1990



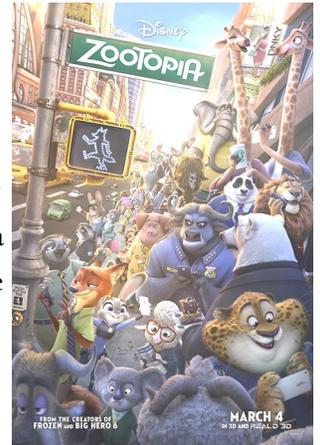
The James Webb Telescope launched December 25, 2021



Color the universe!

Toy Stories, this original was ranked higher by critics than all the sequels.

Now let's fast forward to 2016 and "Zootopia" (or Zootropolis depending on what country you are in). This amazing movie surrounds a bunny named Judy Hopps who wants to be a police officer in "Zootopia." Because she didn't exactly fit in, she realizes that it's going to be a lot harder to reach her dreams than she thought. While working in "Zootopia," she meets a con artist named Nick Wilde who unwillingly helps her on a case regarding the disappearance of the animals.



Just like in Toy Story, Judy and Nick argue a lot during this case but later they become friends. Judy Hopps starts to finally feel welcome into Zootopia while gaining a friend. "Zootopia" also had an iconic song called "Try Everything" sung by Shakira and written by Sia and Stargate. Although it received only one Academy award nomination, "Zootopia" received great recognition from numerous organizations.

Wow, what a battle! It was hard to decide which movie won, but I included how many awards the film won and how relatable it was in making my decision. So for the moment, you guys have all been waiting for (or the moment I've been waiting for) it's time to declare the winner. Ladies and gentlemen, boys and girls, people and more people: The winner of today's award for the best movie is.... "Zootopia!"

"Zootopia" won over "Toy Story" for a few reasons. One of these reasons being its awards. All in the matter of a year, "Zootopia" won three awards. Then in 2017 the movie won 2 more awards meaning it's still memorable a year later. It was also very relatable. It was about fitting in and how everything is not what it seems. A lot of people can relate to the idea of not fitting in so it stays in people's hearts and minds a lot longer. Being way more relatable than toys being alive, don't you think? As you guys can see, there are great movies from 27 years ago and there are great movies that are newer. Just because "Zootopia" won today's battle does not mean that "Toy Story" wasn't good. Who knows, 27 years from now there might be another Chronicle reporter asking what is better: a movie from 27 years ago like "Zootopia," or a newer movie from 2049!

Word on the Blacktop: *What will you be for Halloween?*



Evelyn

Ms. Burnatt

“I’m being Rapunzel”



Arielle

Ms. Cha

“Raya from Raya and the Last Dragon”



Maya

Ms. Sarkaria

“Sally from Nightmare Before Christmas”



Sanessa

Ms. Galapon

“Harley Quinn”



Scarlett

Ms. Jillson

“I don’t know.”



Lance

Mr. Stults

“A Minecraft Person”

Guess the Staff

Last issue’s staff:



Mrs. Lopes

This issue’s staff:



Try to guess the staff in this picture. It will be revealed in the next issue.