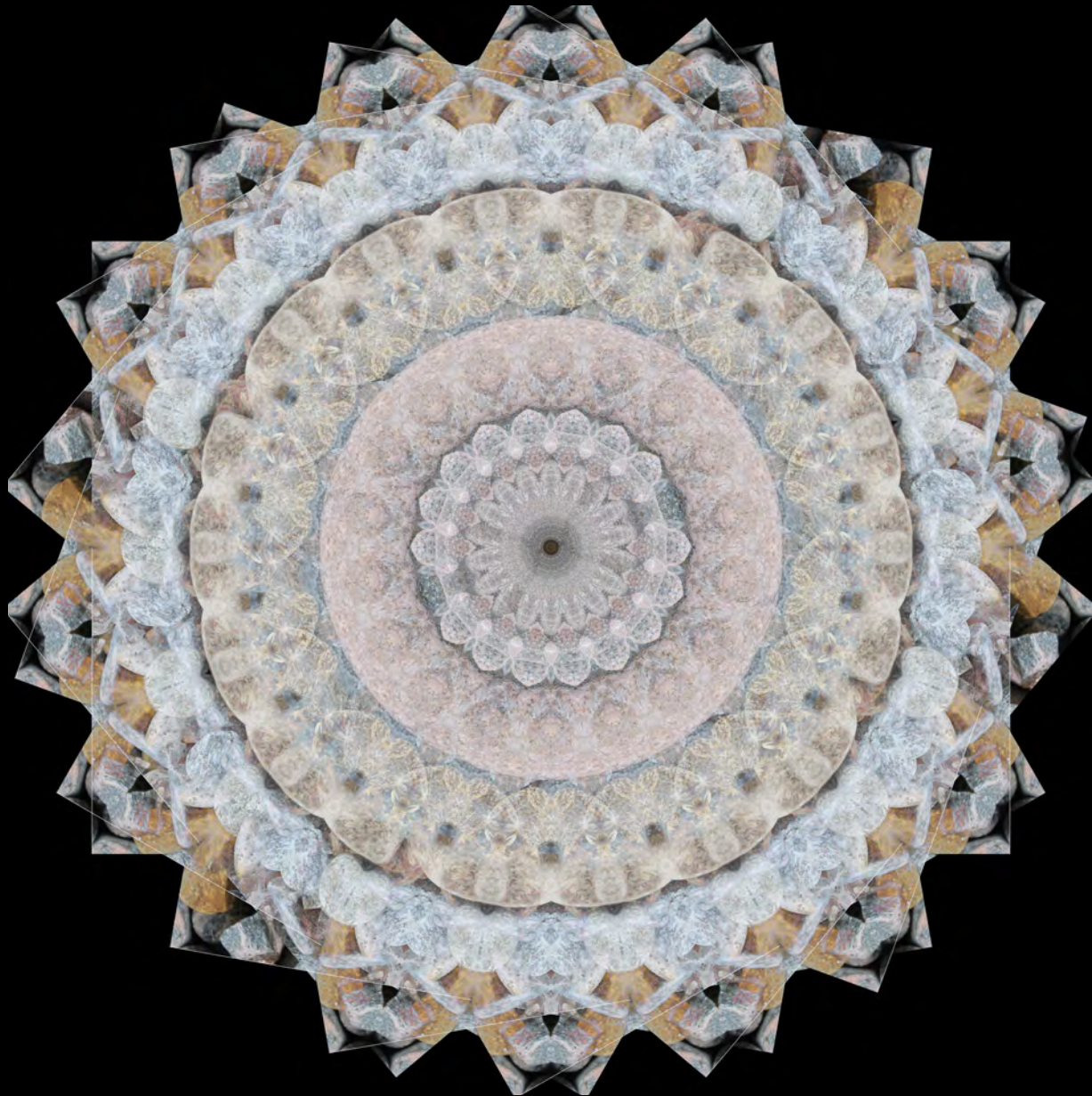


TDChristian High School

Notice

**The people of
TDChristian High School
making and doing**

2019



NOTICE The people of TDChristian High School making and doing 2019



www.tdchristian.ca
info@tdchristian.ca



Foreword

What a pleasure to see the quality of the work teachers have noticed in the school this year. From the beauty of David Basansky's gerbera daisy on the front cover to Isabella Alaimo's mandala on the back, they've contributed much art and design along with the math and music, philosophy and physics.

Each year we try to unify *Notice* along some thematic thread. Lately, I have been seeing shapes and lines, circles and colours, symmetry and texture in many of the students' projects. Look at how many circles you've already seen, including Max Orlandi's small world TDChristian featuring his friend Owen Moss and a soccer ball.

So we've categorized the sections of the book according to the principles and elements of design. I am grateful to June Tenyenhuis for sharing her artful understanding of and deep experience with those principles and elements.

The careful observer will note that we have taken liberties with the categories. Please indulge us as we have treated them as fluid and flexible. In fact, we were only a little concerned about being precise. What has been far more important to us is sharing this book as an expression of our simple interest in noticing the gifts God has given our students and celebrating the good work they do.

—PHIL VRIEND



**Learning for
service in the light
of God's word.**

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Notice 2019

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FOREWORD IMAGE BY MAX ORLANDI**



UNIT 1

RATES OF CHANGE

IROC: $\frac{f(a+h)-f(a)}{h}$

Tangent: A line that touches a curve at only one point

Secant: A line that cuts through a curve at two points

AROC: $\frac{f(12)-f(1)}{12-1}$

SOHCAHTOA

Sin θ = Opp / Hyp
Cos θ = Adj / Hyp
Tan θ = Opp / Adj

TRIGONOMETRIC FUNCTIONS

Sin, Cos, Tan

Grade 12 math students created posters illustrating key concepts of each unit. Posters by Robyn Postma and Jasmine Markou; Anders Blauwendraat, Maddie Martin, William Peterson, and Charlotte Yoneyama; Toluwa Jibodu and Brayden Jackson.

UNIT 3

SOLVING POLYNOMIAL EQUATIONS & INEQUALITIES

Solving Graphically

eg. $f(x) = (x+2)(4x+3)(x-7)$

We will need:

- Leading Term: $4x^3$
- End Behaviour: let $x \rightarrow -\infty$, $f(x) \rightarrow -\infty$; let $x \rightarrow \infty$, $f(x) \rightarrow \infty$
- Zeros: $-2, -\frac{3}{4}, 7$

Interval chart

Intervals: $(-\infty, -2)$, $(-2, -\frac{3}{4})$, $(-\frac{3}{4}, 7)$, $(7, \infty)$

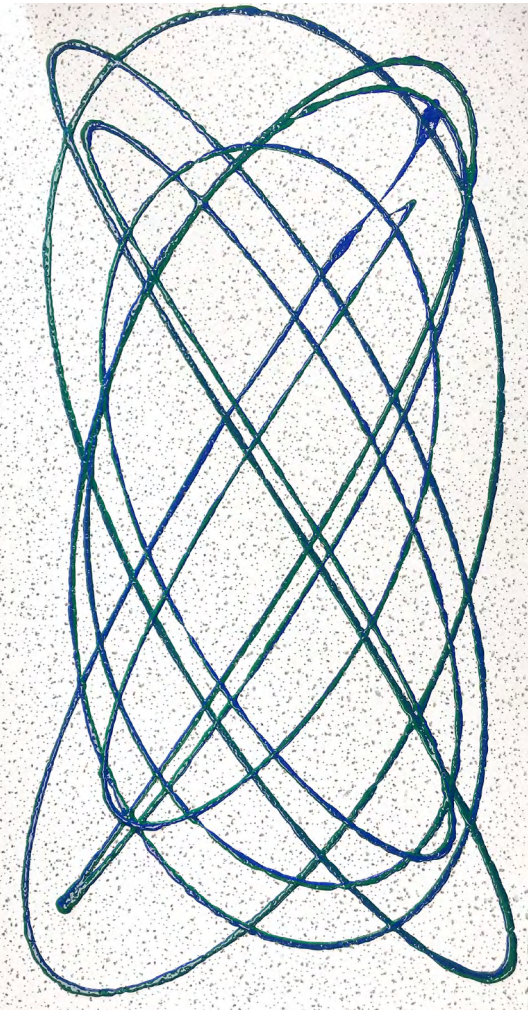
Test Values: $-3, -1, 0, 8$

Signs on the x-axis: $-$, $+$, $-$, $+$

Factor Pairs: $(x+2), (4x+3), (x-7)$



Paul Molczanski, Hannah Van Leeuwen, and Evan Braam look on as Evan and Mark Van Schepen's pendulum creates the painted ceiling tile seen at right. Making lines is fun—what follows is doing the math!



A poster by Noelle Gray created in response to a short story.

Whiteboard drawings by Brianna Ferguson for French class featuring the “animal of the day.”

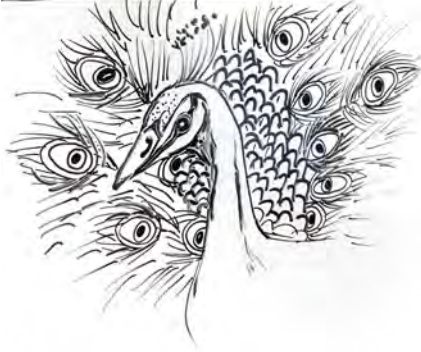
l'animal du jour
le kangourou



une chauve-souris



le paon



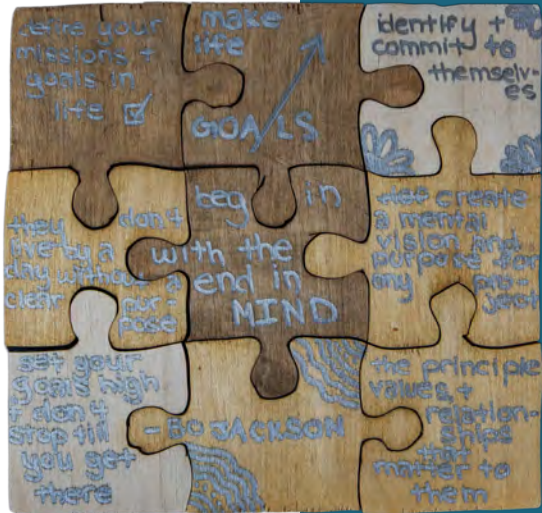
la chèvre



le renard

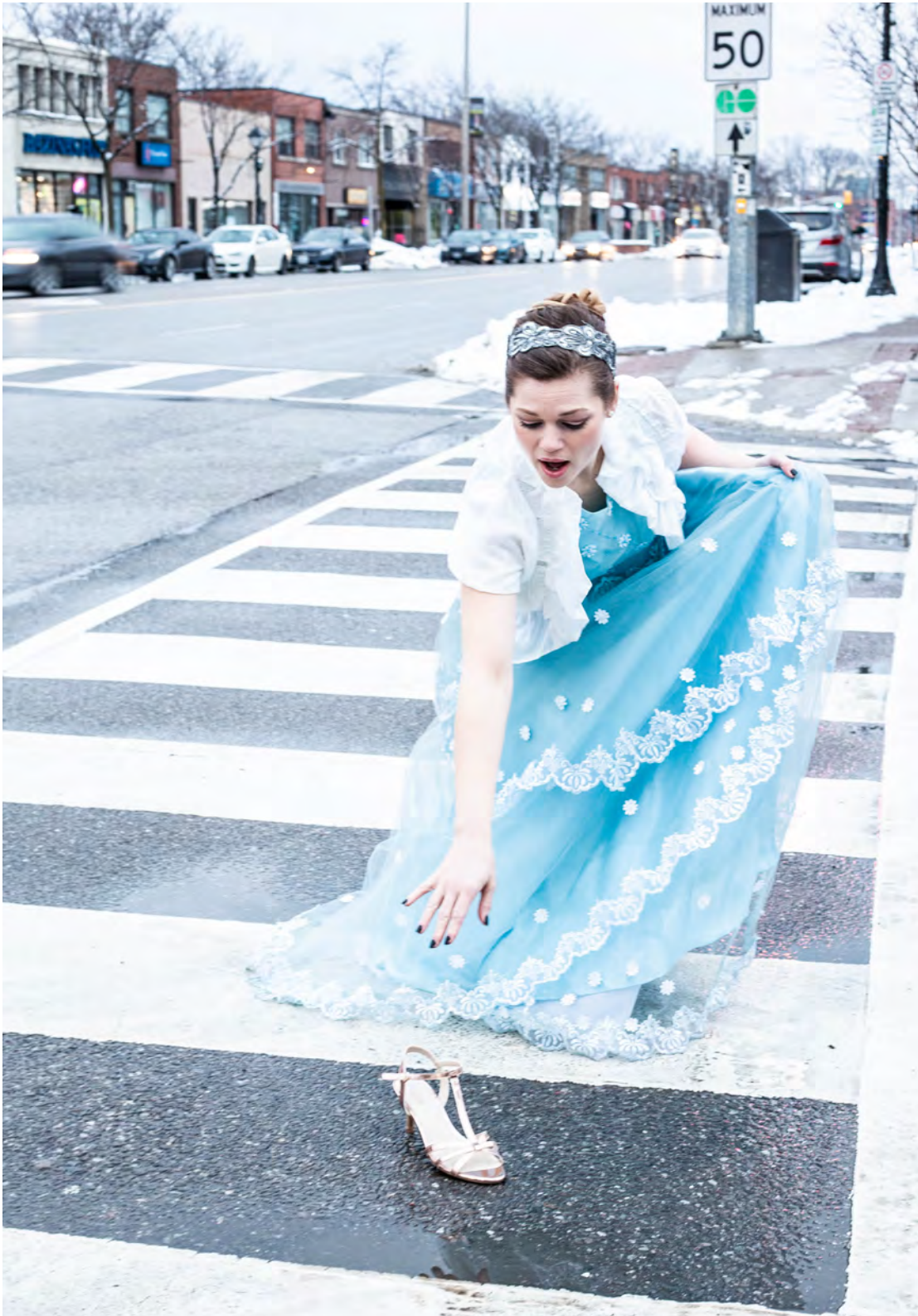


A wooden puzzle made on a scroll saw by Elianna Soh.



As part of her project day for photography class, Josie Mirecki created modern versions of some

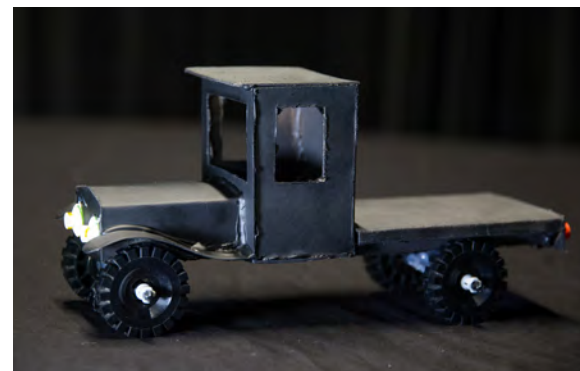
familiar fairy tales. In this photo, her mother Ruth re-enacts the story of Cinderella.





Louis Jang created this life size cannon for his history project on World War I.

For his history project, Steven dePeuter made an early 20th century truck.



Grade 9 math students were all given identical pieces of paper to create a shape that would hold the most popcorn. Containers by Risa van Lenthe, Isaiah Burrell, and Emma Stefanutti.

The good, the bad, and the Babbage...

ALEX MACRI

Born Dec. 26, 1791, Charles Babbage lived his whole life in London, England, until his death on Dec. 26, 1871. He was one of four children in his family. His educational life was shaky, as he constantly switched between different schools and tutors, but as we can see today, it all worked out fine for him. His religion, on the other hand, was very stable. He was raised as a very faithful Protestant Christian, and he continued with his faith through adulthood. He was very interested in religion and how it works. He even wrote a whole chapter in his autobiography on religion and the sources of religious knowledge. Babbage also dabbled in the field of philosophy and wrote multiple books, including an autobiography.

Charles Babbage has played a very big part in math advancements and how we do math today. Babbage was part of the Analytical Society, which standardized the terminology for many advancements in European math. Most importantly, he was the man who came up with the concept for the first digital programmable computer. He invented many different computer engines, including the Babbage engine, the difference engine, and the analytical engine. These were very important creations because without them, calculators and computers may not have been what they are today. His creations were able to find the values of polynomials and solve algebra problems, something that was unheard of at the time. As the years went on and technology advanced, he was able to make more and more complex computers, which could hold more variables and exponents and solve more challenging math problems. They were very advanced for their time, and they would have been helpful tools, but Babbage was not able to manufacture them himself; his final creations were not actually made until many years after his death.

Although he is not often remembered today, Charles Babbage changed how math was done, and modern math wouldn't be the same without him. Babbage's two difference engines and his analytical engine contain many fundamental components of today's computers. Essentially, Babbage came up with the earliest form of the scientific calculator still in use today, earning him his legacy.

Grade 9 STEM students learn how to use a scroll saw. Clockwise from top left: Tanner Hawkins, Meagan Grootenboer, Brad Biersteker, Nicholas Brouwer, and Luke DeBoer.



The Past

CECILIA SALITURO

The past exists—
It truly does—
Even if only
In the signals and proteins
Up in our minds
Where it lingers.
And far off somewhere, the past is there too,
Happening
And so very
Real.



SPACE

the empty area before and between anything happening visually



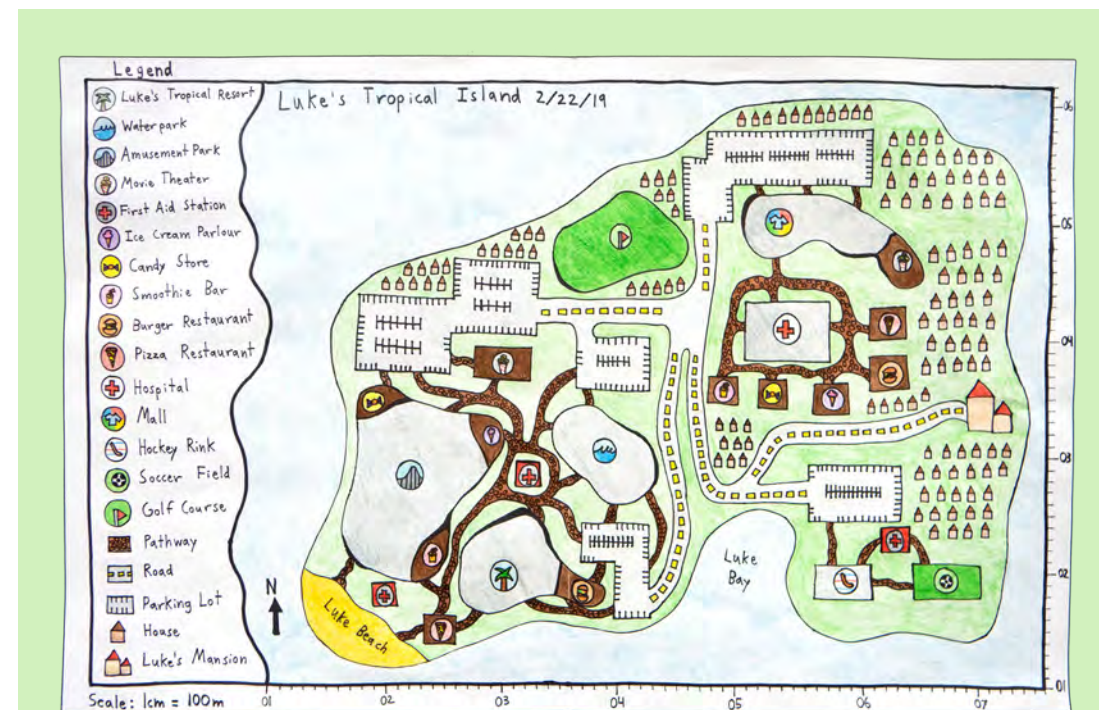
CATHERINE LIU

Reflection

MADDIE MARTIN

I know from personal experience that a life like this would not always be sunshine and roses. From six months in missions, I've seen that it can be dark; I've seen a dead body, lots of abuse, poverty that makes me feel sick, people I love getting seriously and scarily sick, as well as many more things which might make the missions life dark. But I've also seen huge smiles and the impact that can be made. This draws me so strongly to this path of life.

My desire to feel like I am making a difference in this world is very strong. This is largely because I love people and seeing others suffering drives me insane, but I do think that this desire also comes from a mostly subconscious need to feel satisfied with myself. I think this is why, in my dream, the place in which I am making a difference is not an ideal place. I think this is because I need to feel that I am making a sacrifice for others in order to feel okay with myself.

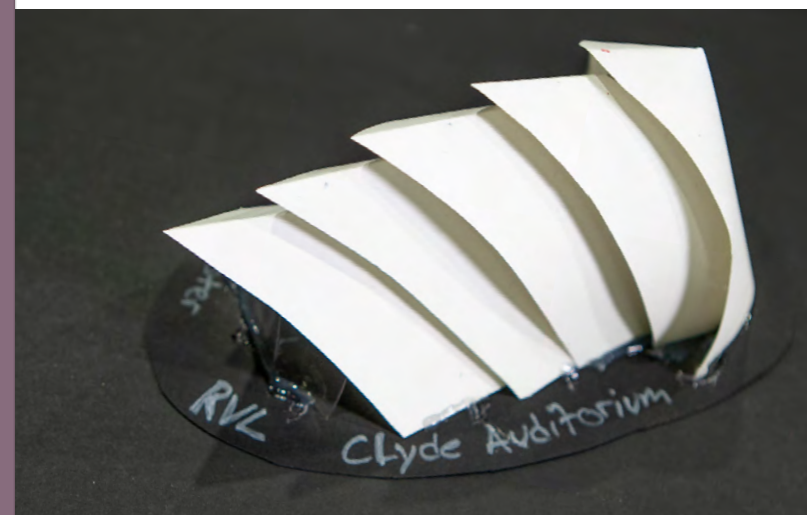


Luke's Tropical Island Resort

LUKE DEBOER

Do you want to live here with us? Anybody who buys a house and becomes a citizen of Luke's Tropical Island will not only get to live on one of the most beautiful islands in the world, but will also get free healthcare at our hospital, found at (054044). You will also be given the gift of a new car for choosing to live here with us, so you can drive around the whole island. Are you tired of the freezing cold winter and in need of a vacation? Well if you are, then come on down to stay at Luke's Tropical Island Resort, found at (030020), where it's always warm.

You'll have an amazing family experience you will never forget. Included on the resort grounds are a water park, a movie theatre, and an amusement park to ensure that you have fun every day you stay with us. These places are located at (039030), (030038) and (022029). Please also remember to enjoy quality food prepared by our fine chefs at our gourmet hamburger and pizza restaurants (025015, 037018). While you stay with us, you can always count on being safe with two first aid stations located at (020019) and (032028).



A model of the Sydney Opera House by Risa van Lenthe and a model home by Noel Simpson.



At top, an ornate gavel created by Lauren Kim to help control the action in debate club.

Above, the months of August, February, and July from Rory Murphy's teddy bear calendar.

On the facing page are alternate book covers created by students for a grade 9 English project day.

Unreliable narrators are often emotionally driven which blinds them to the truthfulness of the details they reveal in their storytelling. Such unreliability can be exemplified through three stories read in grade 9 English class.

In "The Confession," we see that the narrator is driven by a desire to kill his grandmother simply because she bothers him. He is angry with her presence in his family's life. The details of his arguments are exaggerated and fabricated in an attempt to make the reader feel sorry for him. Also, since he is young, he is unable to fully understand events that took place. How then can he explain them truthfully to a reader?

When reading "The Utterly Perfect Murder," we realize that the narrator is writing from the emotional standpoint of a deep, unresolved struggle to forgive a childhood acquaintance. The entire story addresses his decision to visit a cruel peer from his past. The narrator considers shooting the menace in order to get relief for his burden. The reader sees that it is not true that the narrator actually shoots the man who caused him

grief as a child. He only said he would because he was trying to deal with emotional feelings of hurt.

The final story to look at is "The Dentist and the Gas." In this example, the narrator is irrational because of the physical pain of undergoing dental work. He exaggerates a great deal about what took place in the dentist chair. Also, he was somewhat delirious under the influence of laughing gas, so he was not himself. At one point in the story, he admits to having "missed the whole thing." How then can he tell the truth about the details of his experience at the dentist after taking laughing gas and believing that he missed it?

In conclusion, in these short story examples we have clearly seen that narrators who are driven by strong personal emotion lack the ability to reason truthfully in all details. When the narrators were fuelled with feelings such as anger, resentment, or suffering, they told their stories in a way that focused on their own perspective of how events unravelled. In other words, they told their version of the truth, not necessarily the actual truth.



Not-So-Local Colour

In English and in French, students wrote descriptions and narrations involving people who do not exist. It was a fun activity—though a little strange—because the images are generated by artificial intelligence at www.thispersondoesnotexist.com.

Lord John Stenhouse

JOSHUA MAHON

The door slams. Sighing, John Stenhouse tramps through the foyer of his manor. It is a cold winter evening in northern England; the wind violently whips over the moors surrounding the house.

John plunks down in a small couch and lights up his pipe. A fire dances on the hearth, and as John’s wife and two kids sprawl around him, a merry conversation dances through the air. Having had enough of his work for MI6 that day, John wants to spend his precious free time with his family. But as their conversation pauses for a moment, a ringing phone interrupts.

“I’ll get it. I’ll be right back,” John says, stroll-



ing over to the next room to answer the phone.

“Tsk, tsk,” his wife mutters under her breath. This is probably in reference to his work. She doesn’t approve of the job: all secrets and no fun.

John picks up the phone, his face calm. Probably some telemarketing campaign. However, as he lifts the receiver to his ear and hears the person on the other end speak, a dark seriousness fills his face.

“Yes? Is that all?” John asks.

“Of course,” replies his boss. “You will be flown out tomorrow. This is your first mission. Do not mess this up.”



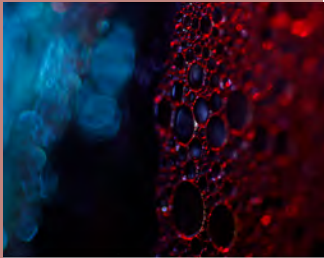
MEGAN HUDSON

Je pense que cette personne est triste et inquiète à cause des choses indépendantes de sa volonté. Je pense qu’il a vu et vécu des choses au-delà de son âge. Cependant, je pense aussi qu’il a une personnalité ardente et qu’il est attentionné. Ses yeux ont une passion et une curiosité pour explorer tout ce que le monde peut offrir. Je peux imaginer qu’il est très sportif et qu’il aime une grande variété d’activités. Je pense qu’il vit sa vie pour essayer de trouver sa place dans le monde.



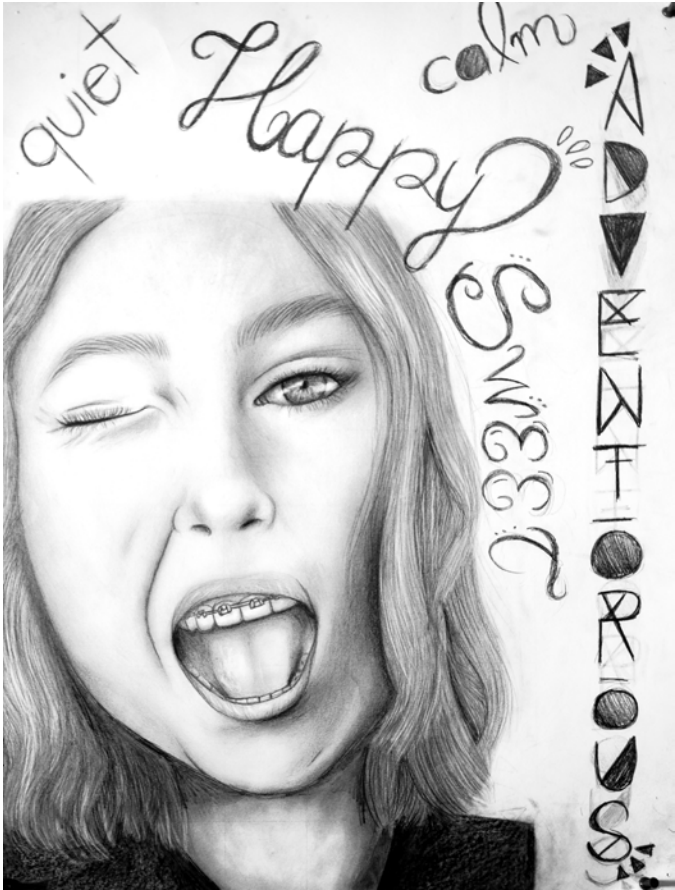
JOCELYN ALKEMA

Cette personne est un homme. Il s’appelle Paul et il a quarante ans. Il a les cheveux bruns et les yeux bleus. Il sourit un peu mais il ne semble pas très heureux parce qu’il ne l’est pas. Il travaille dans un magasin électronique et il veut une promotion. Il a une petite amie (qui s’appelle Carol) et il a un rendez-vous ce soir avec elle. C’est bien pour l’instant : ils ont eu quatre rendez-vous (deux films, un dîner, et un match de baseball, parce que les deux aiment les sports bien qu’ils ne jouent pas). Paul a un petit frère qui s’appelle Jean et une grande sœur, Jessica. Il a neuf cousins et un neveu parce que sa sœur a un mari qui s’appelle David. Paul aime jouer au golf avec lui.



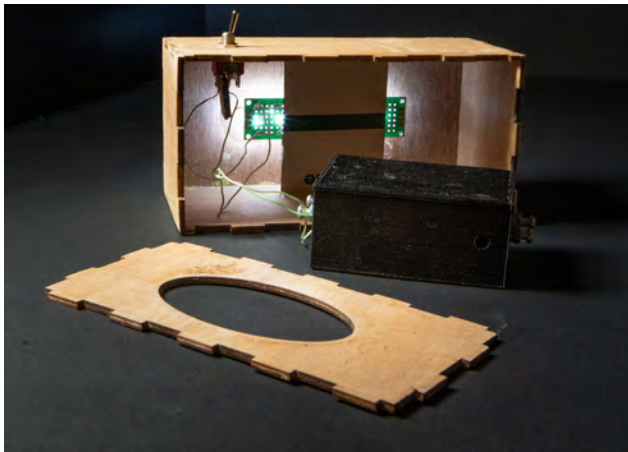
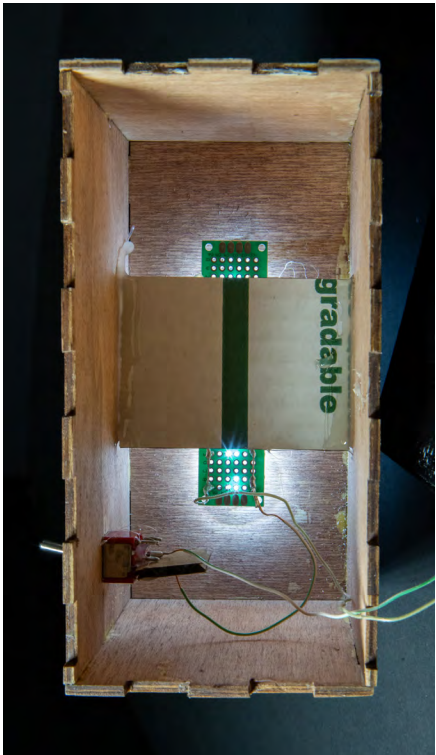
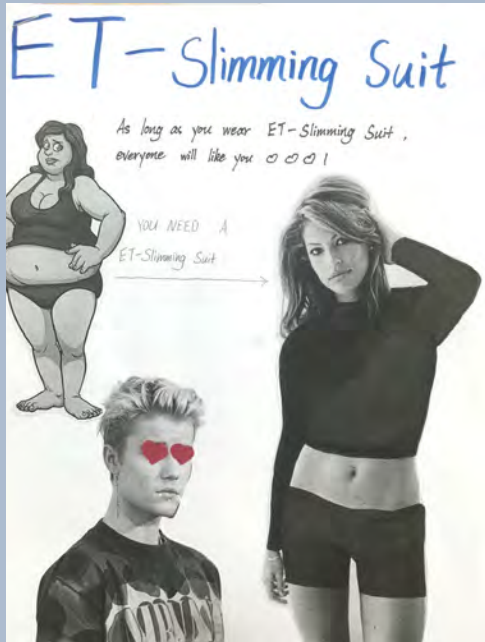
VALUE

the merging of highlights and shadows, darks and lights, and in between



Simon Michell's photo was used on the cover of the February 2019 issue of Chem 13 News, a publication of the University of Waterloo Department of Chemistry.

Below are two persuasive advertisements by Elianna Soh and Eliana Zhang. In class, they discussed pathos, ethos, and logos and reviewed how the media uses persuasive techniques to encourage us to purchase things we don't need or are unrealistic.



For this intricate STEM project, Aaron Jackson used Inkscape to design an Einstein laser engraving, Fusion360 to design and model a 3D-printed battery holder, and AutoCAD to draw the pattern used to laser cut the wooden box.



Ancient Rome

MATTEO VINELLI

"In grade 8, my tutor for reading and writing was a student at UofT. He helped me make a model and told me where to get materials to make small models. For this model, I worked for a few hours every

day from the beginning of December to the end of Christmas break. Ancient Rome was complex for its day. It was cool to see how a city like that could exist such a long time ago."



The Quiet Guy

IVANA RODRIGUEZ

A response to The Curious Incident of the Dog in the Night-time by Mark Haddon.

At the end of the novel, Christopher's father, who has betrayed him by killing the neighbour's dog, gives him a puppy in the hope that it will magically make everything better. Christopher cannot understand this situation properly because of his autism, but for most human beings who lose trust in such a significant way, that trust will not be regained through simple manipulation. The story has a happy ending only because it is written from the perspective of a person who is a bit oblivious to others' intentions.

I was surprised by the ending; I did not expect the book to take such a dark turn, but it did, and the ending made me laugh—but not with amusement. A puppy—that's all it took to regain Christopher's trust?! The father was an evil person who only cared about himself. He only bought him the dog so Christopher would not fear him, not because he wanted to make Christopher happy.

The only character I judge is the father. He starts off as a very chill and neutral guy who does not want his autistic kid to muddle in other people's business, but he becomes the main antagonist with anger issues. Christopher deserves better. I was impressed by how he took control and travelled all the way to London to see his mother—who was not in a good position either, suffering from depression.

The story opened up a new perspective for me. I understand that not everyone is able to process certain emotional cues, and that can lead to problems and conflict. But what I thought was really clever was the way that the author made the situation seem less intense than it really was through the narrator's voice. The author showed a world that is cruel, vindictive, and deceiving. In that world, the quiet guy is the one you should most fear.

Recycled Runway: Killer Plastics

LAURA MATHEUSZIK

Art teacher June Tenyenhuis explains why this year's Recycled Runway assignment focused on plastics.

"In the beginning, God created the heavens and the earth. Now the earth was formless and empty; darkness was over the surface of the deep, and the Spirit of God was hovering over the waters."

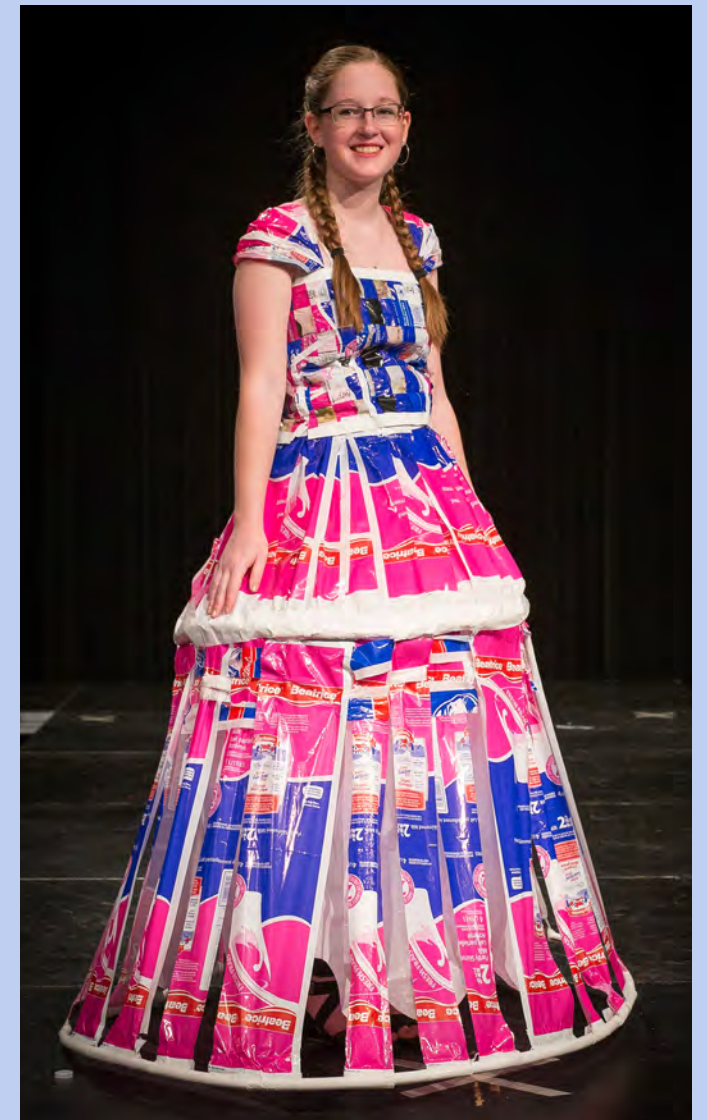
However, our planet is presently drowning in plastic. It is everywhere. We use it and throw it away. Are we able to treat the environmental issues of these God-breathed waters as a crime scene? Do we recognize our responsibility to the future of this planet?

It takes 450 years for plastic to disintegrate; it seems like it can last forever. Although there are benefits of plastic, when it comes to draining and dumping the stuff, we need to realize that if we do not want to eat and digest it, then we should not so carelessly chuck it. Nature cannot digest what we carelessly dispose of. The problem is that plastic ultimately means what is fake, not natural; it is augmented and bought at a price by the thoughtless values of our disposable culture.

Science, technology, engineering, and design can collaboratively ask questions and seek solutions for the world of fashion and for the welfare of the environment.



Powerful imagination and creative ingenuity are essential gifts from God that are required to play lovingly with the realities of our world for a more solid grounding and meaningful hope for creation. The students who strut their art for you have used plastic—all too available and easy to collect—to help us think with hope, love, and humour about how we live on this earth.



Clockwise from top left: Courtney McFarlane, Aleesha Coghill, Rianna Ho, and Jessalyn Kwarteng; Faith Tarasuk and Chloe Jong; Emmaline Coghill; Andy Cheng, Scott Yang, Chubo Han, and Wency Qin; Joshua Wilson and Nathaniel Smith.

The beauty of human skin in every color

Isabella Alaimo

A journal entry for photography class.

Angélica Dass begins her TED Talk by pointing out that despite how long it has been since slavery was abolished and Martin Luther King Jr. spoke, the colour of our skin is still the first impression people have about us. She goes on to describe in beautiful metaphors the skin colours of the family she grew up with and the family she will create. In her home, colour didn't really mean very much to her, but as soon as she left, she learned how many meanings colour had. She talks about wondering why the "flesh-coloured" crayon didn't match her own skin tone. She also began to be treated differently based on her surroundings and the colour of her skin.

These experiences led her to begin "Humanae," a photography project to show people that there are more than just the few colours we associate with race. She would take pictures of people against a white background, isolate a pixel from the nose, paint the background that color, and then look for the corresponding Pantone colour. Her project began gaining popularity; it would be seen in public places to engage and em-

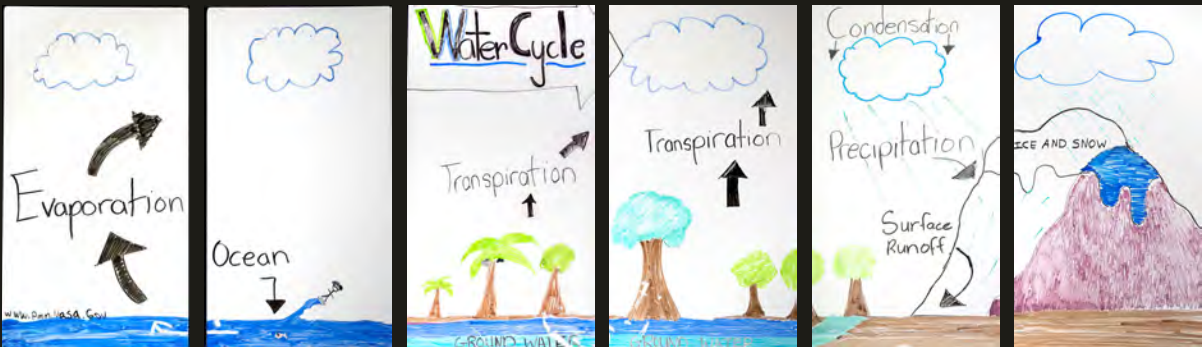
brace the community and their different colours. She has now photographed about 3,000 people with no specific race, belief, status, age, gender identity, or disability. It began to be a mirror for those who were not regularly represented. Her project inspired artists, anthropologists, and other scientists. Teachers began using "Humanae"; a project for children was to draw themselves and figure out what colour they are and how they understand that. It has helped her transition the way she looks at colour and herself. She knows there is much discrimination that needs to be abolished, and she hopes her photos can help that process by making the variety of colours something accepted and communal.

I really liked this TED Talk. I thought it was an incredibly interesting and creative way to make a comment on our skin colours and how they affect our everyday lives. It shows how our common ideas about race and skin colour are inaccurate because there is so much more than "red or yellow, black or white." I think she has chosen an inspiring and poetic way to address a cause she wants to support. I really like these photographs and how simple yet powerful they are. They really grab your attention and are beautiful pieces of art.

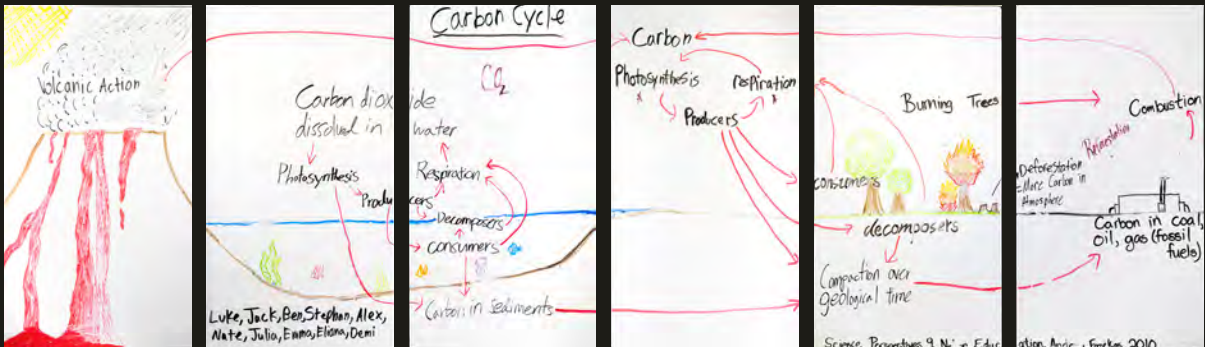
Watch the TED Talk at www.ted.com/talks/angelica_dass_the_beauty_of_human_skin_in_every_color



The earth's water cycle, illustrated on classroom whiteboards by Ethan Benjamin, Isaiah Burrell, Joshua Evangelista, Philip Kelton, Zyann Lewin, Katryna Martens, Tyler Morton, Holly Ufkes, and Noah Wachnik.



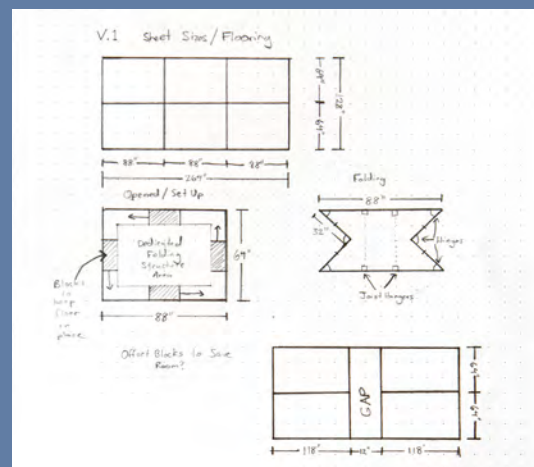
The earth's carbon cycle, illustrated on classroom whiteboards by Luke Chi, Jack Bohay, Ben Hoekstra, Stephan Lambert, Alex Macri, Nate Wang, Julia Hilborn, Emma DeGier, Eliana Zhang, and Demi Xing.



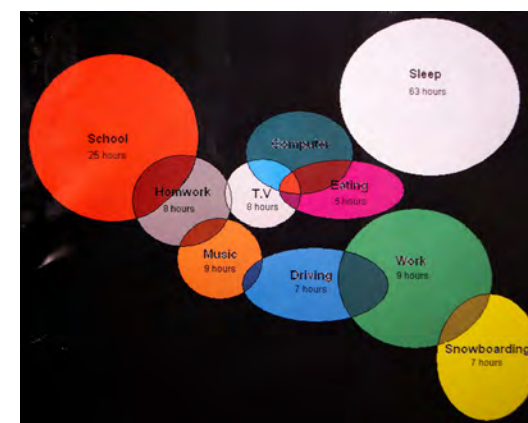


Mr. Huyer and Mr. Robinson, along with the entire Physics Block class, construct a foldable, portable, stowable stage for Willowdale Christian School's auditorium.

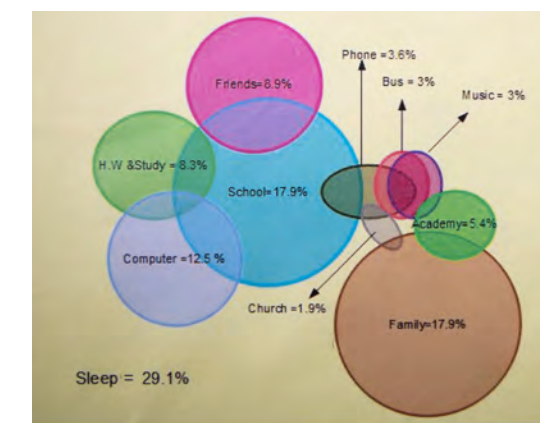
Pictured above are Harry Huyer, Chloe Jeong, Brandon Martens, and Justin Sabatini. To the right, a schematic of the stage by Emmaline Coghill.



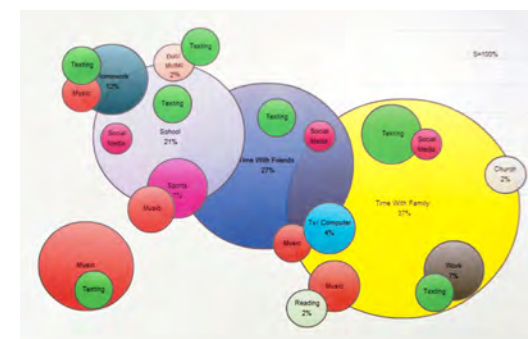
2007



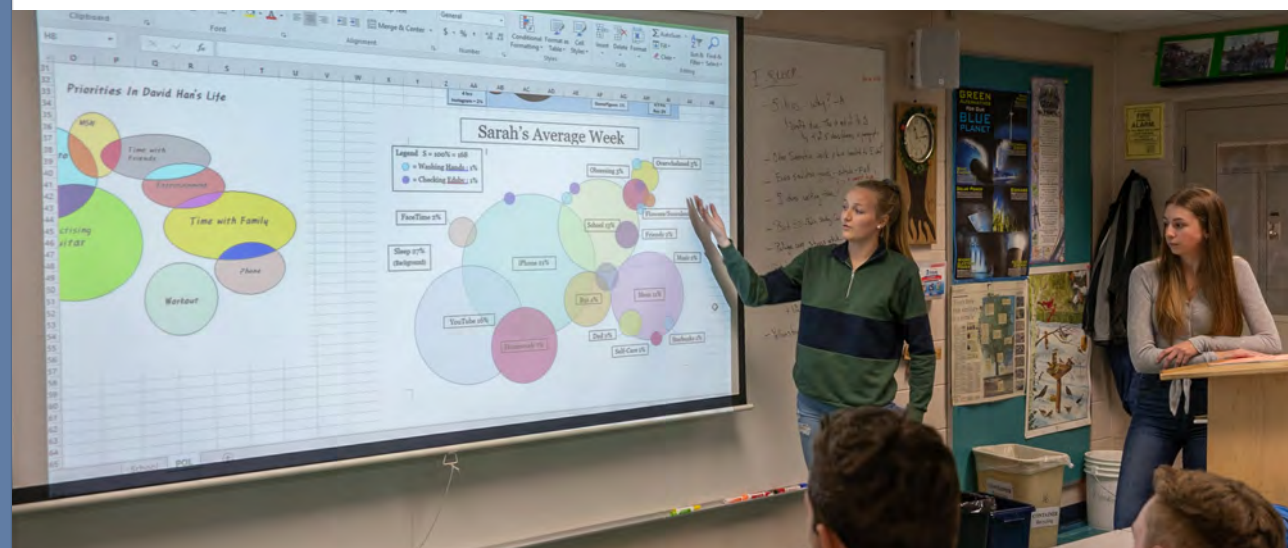
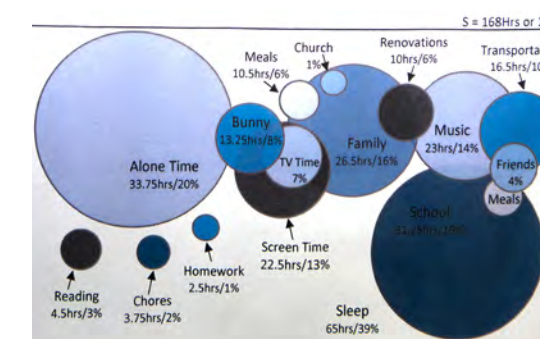
2010



2013-2014



2018-2019



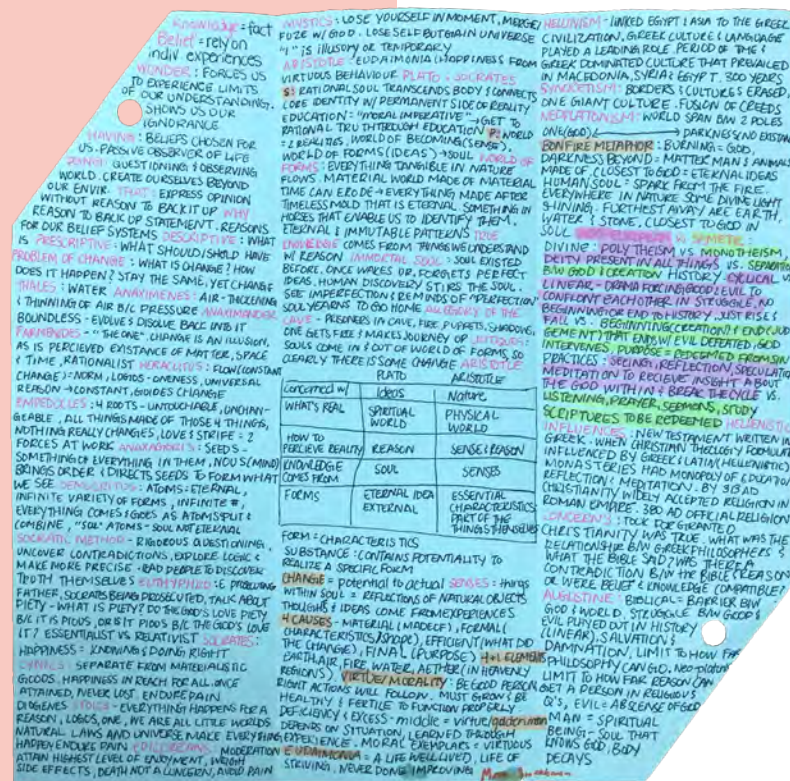
Britney Veltman and Jessica Stegeman

Every year, students create Venn diagrams mapping out how they spend their week. For our grade 12 Data Management ISU, we compared these through the years, splitting up

all the data into 17 categories that we thought best represented students' weekly activities. Pictured here are some of the Venn diagrams that we thought best represented that year.

UNITY

the idea of belonging, a common thought, idea or image



“Cheat” sheets for a philosophy exam by Megan Sweetman.

Try

Victoria Peraza

Used to being in the shadows,
I never really know what to do.
I'm not used to all the attention;
The spotlight's something that is very new.

Always compared to the better-than-best,
How am I able to compete with that?
Everything seems to go wrong in my life
Like a dream I wish I'd never had.

But I try and try,
And I keep on believing.
But I try and try
Till I beat what I'm competing.
Sometimes life just gets in the way,
But I try and try.
There's always gonna be a better day

It's okay to feel like no one cares—
Just remember that someone's always there.
No matter when, no matter where,
You have someone that created air.

Never focused on me and myself,
Always encouraging someone else,
Sometimes I cry when I'm alone,
But all I need is a shoulder to lean on.

Sometimes I'm stressed, and sometimes
I'm scared,
But I know God is always there;
When I'm sad and feel alone,
I remember who gave me a home.

So I try and try,
And I keep on believing.
I just try and try
Till I achieve what I've been reaching.
Sometimes it's hard to figure out what to say,
But I try and try.
There's always another way.

Nothing's impossible with our creator;
He gave us a life with a purpose for later,
So when you feel like nothing's right,
Just remember who gave you a life

And just try

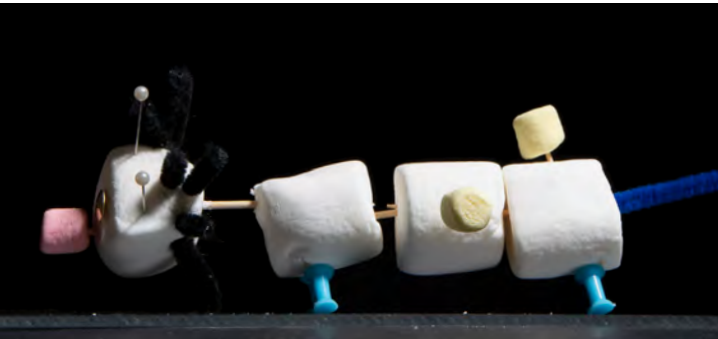




Trait	Mother		Father		Child	
	Phenotype	Genotype	Phenotype	Genotype	Phenotype	Genotype
Number of antennae	2	Aa	2	Aa	2	Aa
Number of humps	3	gg	2	Gg	2	Gg
Nose colour	orange	nn	pink	Nn	pink	Nn
Tail shape	straight	tt	curly	Tt	straight	tt
Hair colour	black	Bb	black	Bb	black	Bb
Number of eyes	1	ee	2	Ee	1	ee
Leg colour	green	Rr	green	Rr	blue	rr
Number of body segments	3	Dd	3	Dd	3	Dd
Sex	female	XX	male	XY	female	XX

Students in grade 11 biology create Reebops using a system of inheritance that is similar to ours, with dominant and recessive alleles. Each of the pictured Reebops expresses different combinations of those alleles.

Pictured above are Reebops by Bill Zang and Kevin Gao; Taylor Martens and Aidan VanderKooi; Noah Gray and John Campbell; Mark VanSchepen, Noah VanderKooi, and Joel Dieleman; Ife Adenuga, Emily Mikelsons, and Nathan Bellsmith.



The genotype/phenotype table shows the inheritance of traits for this Reebop named Doris, created by Leah Nieuwstraten and Gillian Brouwer.



Students in grade 11 chemistry create artistic tiles for different elements from the periodic table.

Clockwise from top left: samarium by Emily Mikelsons; titanium by Kate DeGier; krypton by Emma Beatty; aluminium by Haley Hollander; and darmstadtium by Holly Roos.

Their Last Words

Sarah Girgenti

A philosophical discussion about happiness between Socrates, Diogenes the Cynic, Zeno the Stoic, Epicurus the Epicurean, and Zach the Mystic.

The philosophers all watched as their ship sunk into the depths of the ocean. All they had now was each other, their minds, and a lifeboat.

EPICURUS Well, boys, it looks like we are in quite the predicament.

SOCRATES What would be your definition of “predicament”? Is this really a predicament?

EPICURUS Well, dear Socrates, a predicament is an unpleasant situation, and I think that we definitely have an unpleasant situation here.

SOCRATES This hardly seems unpleasant. At least we are alive, unlike our old friends on the ship.

DIOGENES Guys! Let’s not fight! In the end, we do not need any of those materialistic things. Now that we are here in the middle of the ocean, we can truly find our happiness without material distractions.

ZENO We should embrace this, for this is our destiny that was written before time.

SOCRATES But, Zeno, what is destiny?

ZENO Destiny, my dear Socrates, is what awaits us in the future.

SOCRATES I would have expected you to agree with Epicurus that this is a bad situation.

ZENO I do not care what situation I am in. If destiny has written that I die here with all of you, then I shall die.

ZACH Fellas, c’mon, enjoy the ride. Feel the waves. Look at the sky. Eventually, we will be one with God, and all of this will be forgotten.

SOCRATES So none of you want to live? Do you not want to know the mysteries of life?

What Socrates said made everyone ponder. Did they know everything they wanted to know? Or was there something more to the life they lived?

EPICURUS What sorts of mysteries would you be talking about, Socrates?

SOCRATES Well, what about happiness? What shall you say about being happy?

EPICURUS It is simple: happiness can be found when we have such a thing as friendship, or when we do not fear such things as death.

SOCRATES So you are telling me that you do not fear dying today?

ZENO No one should fear death: it is a part of nature. We must learn to be content and happy with how we have lived, and if you are not happy, you can always die. It’s up to you, really.

SOCRATES What about you, Diogenes? What shall you say about happiness?

DIOGENES Happiness does not lie in materialistic things such as money. Once you have obtained happiness, you shall never lose it.

SOCRATES How do you know when you have obtained happiness?

DIOGENES You know once you have disconnected yourself from all things—when you are not dependent on anything.

SOCRATES Are we not all dependent on something in life?

DIOGENES How do you mean?

SOCRATES Well, Diogenes, some of us may be dependent on money, luxury, feelings, or even relationships. Even you are dependent on something. You say you do not need anything, but do you not depend on food and water to keep you alive?

DIOGENES I suppose, yes, but my health does not matter.

SOCRATES So you are going to be perfectly content and happy if you die right now, with no food, water, or anything at all? Showing no remorse or regrets?

DIOGENES That is correct, yes.

SOCRATES Well, my dear Diogenes, I have to hand it to you. You have obtained something that I do not yet understand.

As the day became night, they all slept at the bottom of the lifeboat. Once awoken by the bright sun, they noticed that Diogenes remained asleep. It seemed like his fate had claimed him.

SOCRATES And there goes another to the depths

of the seas.

ZACH Bros, it is okay. He is now one with the many.

SOCRATES One with the many, Zach? What in Olympus is that supposed to mean?

ZACH He is one with god. He is no longer here with us, but he is now part of the immense universe. Now let us meditate and let nature take over.

EPICURUS Meditate? Where did this guy come from? Socrates, do you think Diogenes left in pain?

SOCRATES I do not know anything, dear Epicurus. It seemed to me that he was fully convinced of his definition of happiness, and if he was right and he did not depend on anything, then I think he went in peace. What do you think, old friend?

EPICURUS Are you talking to me, or the mental guy meditating?

SOCRATES Let’s hear it first from the meditating guy.

ZACH It is simple, my dudes. As soon as you let go of yourself, as soon as you realize that there is no “I”, no individual, then you can be truly happy.

EPICURUS You mean to tell me that we are all the same? All part of the same old story?

ZACH That’s right, my dude. Enjoy the enlightenment. Let it bring you to the gods.

EPICURUS You have got to be kidding me.

SOCRATES Zeno, you have been awfully quiet. Is something on your mind?

ZENO Socrates, I’m enjoying the fate that has been put in front of me. I embrace this; this is my destiny.

EPICURUS So that’s it? You’re happy because this is your destiny? Wow, you must really like fate to be okay in this situation.

ZENO This is what was written for me in the stars. You cannot avoid death—it will come eventually.

Soon another day went by, and night came once again. As Socrates and Epicurus fell asleep, Zach and Zeno continued talking.

ZACH Bro, this is it. This is the night. I feel it.

ZENO Look at the stars, man. Everything is up there. We’re going to be reconnected with nature. This was inevitable.

ZACH It was a good run, but I am no more. I am a drop of water mixed with the sea now.

And soon, as the wind picked up its pace, they were gone. As dawn came upon them, Socrates and Epicurus were the only ones left on the lifeboat.

EPICURUS The hippie and the nature guy are gone.

SOCRATES Yes indeed, it seems as though you and I are the only ones left, and this awful storm is coming upon us.

EPICURUS You know, Socrates, you have asked us all these questions as to what happiness is. How about you answer for once?

Socrates looked up to the sky and noticed that rain had started to pour down and lightning lit up the sky.

SOCRATES I will give you my answer if first you tell me how you are happy.

EPICURUS Very well. As I mentioned before, you obtain happiness by having friends and not fearing death. But to add to that, I also believe that life is meant to be lived at its fullest—to enjoy all the pleasures it offers and to avoid all pain, for that is what causes us anguish. Once we enjoy life and do not live with pain, we achieve happiness.

SOCRATES Interesting indeed.

As thunder and lightning roared above them, Epicurus finally asked the question.

EPICURUS Well, c’mon then! What about you, oh great Socrates? What shall be your answer to this great mystery?

Socrates looked at the sky, then back at Epicurus, and smiled.

SOCRATES You see, dear Epicurus, the thing is... I do not know the answer.

And as he looked up to the sky for the last time, a great beam of lightning struck the boat and left us ever wondering how to truly find happiness.



QUINN KAVANER

Days to Come
GRACE SWEETMAN

You sit there looking innocent.
My blood. Your teeth.
Oh, right, no one cares that you tore my throat.
“Well she’s still alive . . . technically.”
“Just a small scratch. Not a big deal.”
“Just a small scratch—sure it will heal.”
My blood. Your lies turn to flame:
Engulf everything and kill everything and destroy everything.
Oh, it will be worth it in the end, I guess.
Hold on just one sec.
At the cost of destroying everything you cared about?
Are you sure you’re not in doubt?
You said you love me, said you cared for me;
Your lies come at a price.
I wanted nothing more than to be not alone, and you left me to burn;
Your lies, they scorched my skin.
You made me believe you were trying to help, but no, you just try to
make me yelp.
Bury my bones deep in sin, cut down the walls, let the demons in!
There are no boundaries! Everything must burn!
Everything will suffer.
And everyone will suffer.

Leviticus 12

NATALIE GLOCKNER



I Am So Close
Yet Far Away

BEN REID

I am so close yet far away,
Sought out too much, let down again.
Pain overwhelms; I cannot stay;
I am so close yet far away.
“Await,” I say, but nay, dismay.
Rest low your anger; put down the pen.
I am so close yet far away,
Sought out too much, let down again.



Improvisation is the act of making something from whatever is at hand. Humans improvise theatre, music—even explosive devices.

In theatre, “what is at hand” are the actors and the audience, the space where these two meet, and the forward motion they muster. Actors take suggestions from the audience, then use their wits and their knowledge base to create within this space.

We can create anything, but aimlessly generating idea after idea holds no satisfaction for humans. We crave design. We crave story. In improv, there is a saying: “After your intro, the rest of your story is just looking in the rear-view mirror.” By reincorporating earlier ideas and connecting them, we create patterns and forward movement, and in so doing, we create the illusion that the tapestry just woven was our intention all along.



Members of the Improv Team compete at the Canadian Improv Games. Above, Mr. Richard Peters examines a LEGO model of the school’s black box theatre by Sam Zomer.



An appeal for political action

JULIA HILBORN

Dear Honourable John Yakabuski, Minister of Natural Resources:

It has come to my attention that there is a proposal to build a mixed-use complex on the site of the current Alexander Muir Memorial Gardens in the Lawrence Park area of Toronto. Although I understand that land in this area is quite valuable, I feel that this development would be a mistake because it would not serve the needs of all stakeholders, it would destroy a beautiful park, and it would do irreparable damage to the environment.

The population density in Lawrence Park is 6,407 people per square kilometre, and it is currently home to 14,607 people, most of whom (5,960) are of working age. This means that the Lawrence Park area is already far more densely populated than the rest of Toronto which has an average population density of 4,457 people per square kilometre. Already, the residents of this area face a congested commute to and from work, both by public transit and car. Therefore, the current infrastructure simply cannot handle more residents comfortably.

Moreover, the Alexander Muir Memorial Garden is a place of outstanding beauty that has been consistently rated as one of the top ten parks in Toronto. It is a place where people can walk their dogs, stroll through delightful flower gardens, relax and read a book while listening to the birds, play tennis, or jog for miles beside the rambling brook. You can often see young couples posing for their wedding photos or elderly people sharing their lunch with squirrels and chipmunks on a sunny summer afternoon.

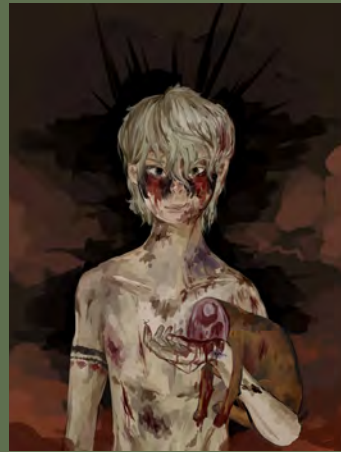
However, the most important reason why this garden should not be destroyed is its importance to the environment. The many trees in this park create a carbon sink that removes the carbon dioxide from the atmosphere that has been produced by the multitude of vehicles using the Yonge Street corridor. Moreover, the trees and other plants replenish the oxygen in the air and make it more breathable and pleasant for the residents. The park is also home to many small animals

and beneficial insects such as honeybees, which swarm around the flowerbeds all summer.

As you can see, the Alexander Muir Memorial Garden is a very important part of the Lawrence Park community. Therefore, every effort should be made to retain this piece of natural beauty for all Torontonians and visitors to enjoy. In an already overcrowded part of the city, it would be a travesty to destroy such a wonderful asset and build high-density housing that would push the area beyond its capacity. This would only create misery and hardship for everyone, and it would be a move that could not be corrected once it had been done.

Sincerely,
Julia Hilborn





Granny Pearl

RISA VAN LENTHE

Panting heavily, Pearl caught up with her prey. She examined the briefcase she was assigned to take and whispered to herself, “I wonder what’s in there?”

Then, she casually walked up to the man, gripping and un-gripping her briefcase—a briefcase identical to his. Pearl stumbled forwards and bumped into the man, knocking his briefcase to the ground and dropping hers while feigning surprise. Covering her mouth and exclaiming, “Oh, I’m so, so sorry!” she bent over to pick up both briefcases.

Startled, the man quickly grabbed the briefcase she offered him and snapped crossly, “Watch where you’re going next time!” Stepping towards Pearl, he tried to push her violently, but his hands never touched her. Confidently and smoothly, Pearl swerved past the push and half-headlocked him before flinging him over her shoulder and flipping him onto the sidewalk. As he hit the ground, the air in his lungs escaped with a “WHOOF.”

Smirking, Pearl strolled down the street. With a skip in her step, she swung the man’s briefcase and whistled a cheery tune.

“Granny Pearl, can you tell us one more story before bed, pleeease?!” Maddie begged. Thomas, her younger brother, nodded vigorously.

Shaking her head, Granny Pearl laughed. “Tomorrow night, dearies. Don’t forget: we get to hang out this entire weekend!”

She left the room smiling, thinking about how good it was to tell her grandchildren stories of her past.



Creative responses to William Golding’s novel *Lord of the Flies* by Emma Cattle (top) and David Lee (above).

New corvette crushed at Algonquin Park

SARAH GILLISSIE

Grade 9 students respond to pictures with a news article of their own invention.

On Sunday June 15, Daniel Smith was returning from a three-week camping trip in Algonquin Park when he saw his new red Corvette crushed under a red Jeep. At 1 PM, Daniel Smith called the park rangers for help.

“My heart sank when I saw my dream car crushed under the Jeep,” Smith told CNN in an interview. “I had just received the car from my father for my 45th birthday.”

Witnesses said that the car had already been under the Jeep for three days when it was found.

“I saw the two cars on top of each other, but I didn’t really think much about it. The world is a



weird place these days,” said Carrie Matthews, a fellow camper. “It was just confusing. I wonder who did it?”

The Jeep had no licence plates or anything else that could lead police to the owner.

“I suppose it happened sometime at night because when I left work on Wednesday night the car was fine, but on Thursday morning, there was a Jeep on it!” said Connor Ward, a park ranger.

When asked why he didn’t report it right away, Ward defended himself. “I’ve seen a lot of weird

stuff happen in this parking lot,” he said. “I thought it was just another prank and there was no need to report it.”

Daniel Smith did not take it as a prank.

“I bet it was my brother. He always wanted our father to get him a car, but Dad likes me bet-

ter,” said Smith. “I hope that the police find this joker and get them to pay for the damages.”

At the time of writing, the police have no suspects.



Last Call

For these soldiers, the mission always comes first. Would you be willing to make the last call?

3m2s
Aaron McMillan and
Luke van Lenthe



The Choice

A teenager’s life is full of difficult choices. When it comes to a fork in the road, what direction will he take?

4m30s
David Basansky and
Julias Bellotti



The Letter

After finding a letter written many years ago, a teenage daughter finally sees her mom in a different light.

4m14s
Sarah Im and
Maria Mirkopoulos



Students explore the intersection of communications and technology by creating media projects that include short films. *Make Ideas Actions* and

The Letter were entered into the Vaughan International Film Festival. To view these student films, visit [youtube.com/TDCHWoodbridge](https://www.youtube.com/TDCHWoodbridge).

Make Ideas Actions

There are just over 22 million minutes in an average lifetime. What ideas do you secretly dream about? How do you make them start to move?

3m13s
Jacob Lea and Nathan Bellsmith

Voiceover:
Time. Our lives are governed by it. We hurry from one place to another... we have so many things to do, but so little time to do them.
Everyone has a dream, a passion, a goal they want to accomplish, but with the business of our lives and everything else we have to do, these ambitions fall to the back of our minds, hidden behind thoughts of “What if?” or “What will people think?” We make excuses: we’re too tired, or I’ll do it later.

We waste what little time we have left. Time which could be spend doing what’s really important to us. The countless hours spent thinking of doing something are wasted if we don’t actually do it. If we spend all our time thinking about an idea, or thinking about how we’ll get around to it eventually, that idea will never become an action.
But what if it did? What if that idea became an action? What if we weren’t afraid of what others think? What would happen if we threw away our excuses and realized that now is the perfect time? If we pursued our dreams, took that step, made that choice? What if we weren’t afraid to be pushed... to fail... to change? What would happen if we valued every minute we were given and spent our time on what mattered? What if our dreams were our reality? What would happen-then?



This is My Story

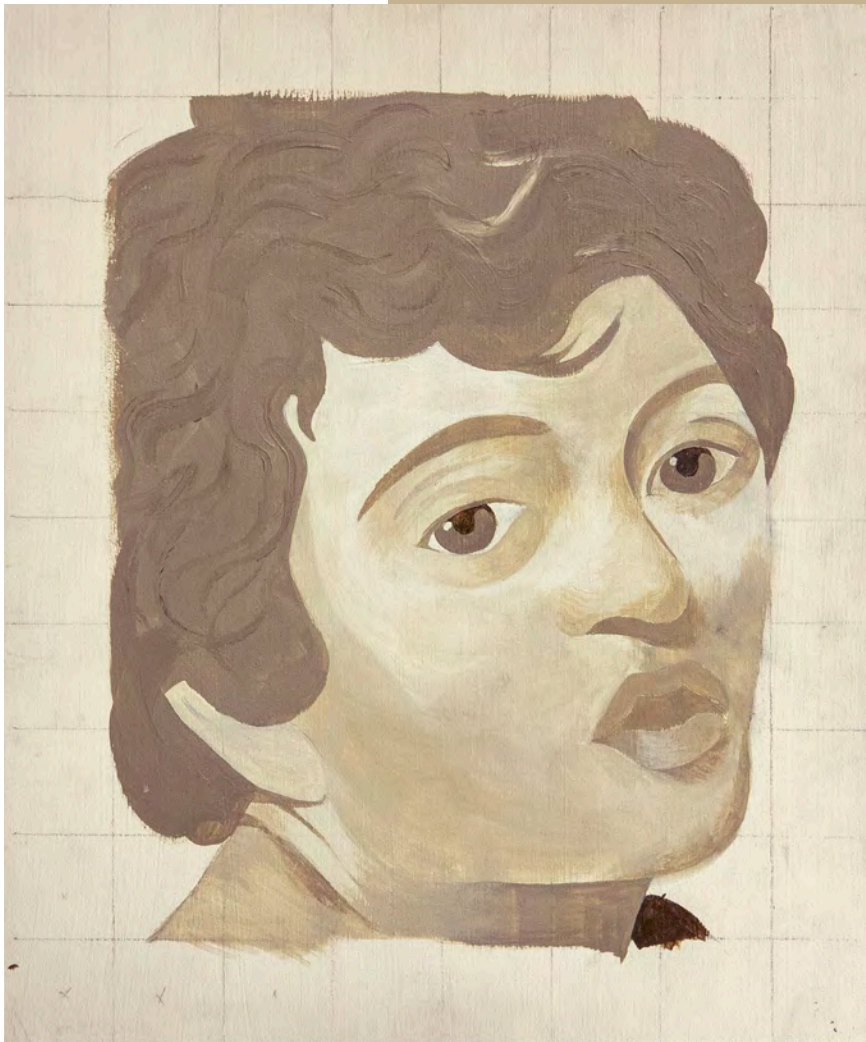
Nathaniel Smith

The story I tell myself is that I am God’s child, and he loves me dearly. I am a young Black man in grade 12 who is strong, kind, respectful, and powerful. I am striving to do my best and be successful in high school, in my future, and in life so that no matter what comes my way, I can have victory in Christ (Romans 8:37).

Life can be hard; struggles are going to come our way, but how we deal with them is up to us. Obviously, it’s easier said than done, as hardships sometimes get the better of us; however, we don’t always have to let them. It helps when we know we have a God who is there for us, who we can lean on and place our troubles on, who loves us and wants the best for us. Realizing that God has our lives in his hands and we can trust him helps relieve all the anxiousness about life and the future.

It is important to know that my identity is in Christ and who he says I am, strive to more like Him, be positive about who I am as a person, and work hard towards my dreams in life. As a Christian, I desire to be the best I can be.

As far as the future and where I’m heading, I just have to keep working towards what I want and keep pushing, even when it gets hard. Basically, in life, I just need know who I am and trust in God. It seems kind of clichéd, but that’s all we can do. Stressing about life won’t get me anywhere, so why not just trust in God?



SARAH KIM

When I Laid the Foundations

Jakob Bezuyen

As part of their study of the book of Job in English, students considered the relationship between God and humans, including themselves.

God reveals that he is omnipotent. God is all powerful and not bound by time. God asks Job rhetorical questions in order to prove this asking things like, “Where were you when I laid the foundations of the earth?” This is not only God rebuking Job, but it shows that God cannot be understood by any person, as no one has lived as long as God has.

God rebukes Job’s friends. He tells Eliphaz, Bildad, and Zophar that they have not been faithful. More specifically, God says, “for you [Eliphaz] have not spoken of Me what is right, as My servant Job has.” God is mad at Job’s friends because they have not been correct in what they have been saying to Job about God.

God asks Job if he is as omniscient as God is. God asks Job many questions, all of which prove God’s power. God has created the whole world, and he is proving a point to Job that Job knows nothing in comparison to Job’s knowledge.

Job humbles himself at the sight of God. Job even says, “Therefore I abhor myself, And repent in dust and ashes.” Job understands immediately that God is far greater than he could every begin to imagine.

I love this story as it shows that God will bless those who have true faith, and yet, God doesn’t forsake Job’s friends. Beyond simply showing God’s omnipotence, it shows his kindness and forgiveness.



DOLORES WANG

Children and screen time

BENJAMIN LEWIS

Students in Grade 9 English do final projects on the impact and extent of digital issues.

Children having too much screen time is a significant issue debated in this world. I believe that parents need to set fairly strict rules for their young ones and make sure that they are developing into healthy and strong young kids.



First of all, being in front of screens too much as a young child can do significant damage to a kid's brain, body, eyes, and sleep schedule. The excessive use of media each day can change, or even harm, the ongoing development of children's brains. There can also be physical problems such as obesity or difficulty sleeping. Screens can also be harmful to children's eyes,

creating problems like nearsightedness and a variety of other eye disorders. If kids aren't developing normally in the early stages of their lives, they will have more trouble in their future.

In the bigger picture, the problem is becoming harder to solve. While the use of television is going down, the use of mobile phones or tablets is increasing, with many kids getting their own mobile devices at younger and younger ages. Not every parent sets limits for their kids or monitors their children's screen time, which leads to runaway exposure to screens.

Parents, keep your children to a limited amount of screen time each day and interact personally with your kids by learning and doing physical activities together with them. If you are using a screen, the use of some educational media each day is usually better than pure entertainment, and if you watch with them it can be even more beneficial since they can interact with you and have help understanding what they see. But instead of screens, you can also read books together, play games, and take part in their hobbies to help them learn how to interact with others in real life. These activities will also give them a chance to put into practice some of the skills they've learned from media.

Another source of help right now is the research being carried out on the effects of screen usage and possible solutions. I think more parents need to start to set limits on media for their children, and we all can help kids become aware

of the risks so that they will be better able to manage their own screen time. Everyone can agree that we should do whatever we can to ensure kids grow up healthy, balanced, and strong.

Digital piracy

OWEN REINDERS

In today's society, billions are made through online sites and platforms, with over half the population of the world active online. But where the money is, criminal activity follows.

In recent years, piracy has taken an increasingly heavy toll on the profits made by the film industry. These criminals will create their own streaming sites, allowing anyone with a connection to the Internet to access free movies. This practice is illegal, but both the providers and consumers rarely feel any repercussions or punishment for their activity.

Internet pirates could be anyone, but a study found that they are most often males between the ages of 16 and 24, meaning that they don't have a lot of money to spend going to the movies, so they opt for the free, low-risk pirating sites.

These illegal streaming sites often operate on international connections hosted in foreign countries like India and China. Illegal streaming sites offer copyrighted media and films but are also peppered with ads, often containing scams or viruses. These ads often contain content that is seductive or misinformative.

The movies uploaded may have been recorded in theatres on a handheld devices like phones or small camcorders. The practice of recording movies in theatre is known as "camming," and it's illegal, with fines that can reach up to \$500.

The film industry is almost helpless when it comes to dealing with online piracy. The countries that have the highest number of citizens who pirate or access pirated content are India, Russia, China, and much of eastern Europe. These countries have governments who have more pressing issues to deal with than piracy: India is facing overpopulation, China is dealing with corruption, and Russia is at the centre of numerous controversies. The film industry tries

to track down these pirates, but on the Internet, if you remove one pirate, another two step up to take his or her place—and all three could be from different parts of the world. Without any real restrictions or fear of the law, these pirating sites flourish.

It is estimated that since 2005, pirating has cost the film and media industry a whopping



one hundred billion dollars. However, we have to keep this number in perspective. The film industry makes billions of dollars a year, so it's doubtful that anyone is going hungry over the loss of \$100 billion over the course of thirteen years.

One Spring's Dream

CHARLOTTE KIERVIN-STARKEY

Two haiku

TAYSON HALL

The little frog leaps
Lily pad to lily pad
On the still waters

Cherry blossoms bloom
The sweet fragrance fills the air
With vibrant pink petals

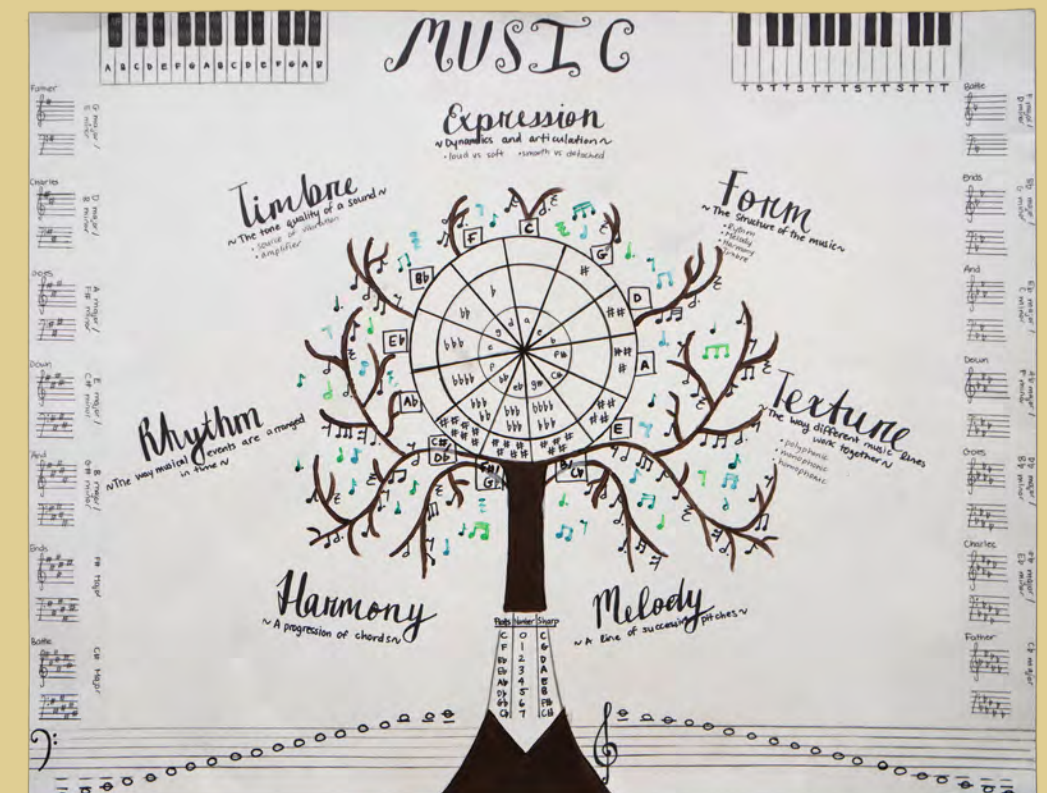
Until the flowers bloom,
I'll set my eyes on the future
Trusting that I'll see you soon
One day next spring.

I'll set my eyes on the future,
On happier times.
One day next spring
We'll be together.

On happier times,
That's what I dream about.
We'll be together
With quiet peace.

That's what I dream about,
Trusting that I'll see you soon
With quiet peace
Until the flowers bloom.

As part of their final project, grade 9 music students create posters to explain their topics.



Physics students create physical objects to demonstrate the mathematics of sound.

On this page, Cecilia Salituro explains and demonstrates the pan flute; on the facing page are photos of Brianna Ferguson's xylophone with an explanation of how it works.



Each key of a xylophone is made up of a length of wood, with a gradual arch cut out of it. There are two components that allow the xylophone key to resonate at different frequencies: the length, and the arch.

The shorter the key, the higher the pitch, and the longer the key, the lower the pitch. The deeper or larger the arch, called the arcuate notch, the lower the pitch, while the shallower or smaller the arch, the higher the pitch.

There is a great deal of physics involved in shaping the keys of a xylophone. One can determine the correct shape to use for the arcuate notch by using beam theory, which can predict the vibrations within each piece. A mathematical technique called receptance structuring can then be used to show the connections between them.

The PHYSICS OF MUSIC & SOUND
A PRESENTATION OF LEARNING BY CECILIA SALITURO

I made a pan flute that plays 8 open tube notes, and 8 closed tube notes using physics, and I'm going to show you how I did it!

How DID I FIND The Frequency of My Notes?

STEP ONE: I used the temperature of my room to find the exact velocity of sound the tube will produce.
Room: 23.7°C $V_{\text{sound in air}} = 331 \text{ m/s} + 0.59 (23.7)^\circ\text{C}$
 $V = 345 \text{ m/s}$

STEP TWO: Time to make the lengths of my tubes! I knew I wanted the best range of notes my tubes would make, so I didn't shorten my longest tube at all. (longer tubes = lower notes, then we get the lowest note out of everything the note.)

STEP THREE: This is because a longer tube lets us have longer wave lengths in our tubes, lowering the pitch.

STEP FOUR: Now did I know my first, and longest tube, is G (then about)? closed tube

Since my tube is an closed system, and I know I'll be only blowing the fundamental frequency of this tube into it, my tube will resonate at $\frac{1}{4}$ the length of my wave length.

My longest tube is 22 cm, so let's plug that into our equation!

$\# \text{ of } \lambda \times \lambda = \text{Length}$
 $\frac{1}{4} \times \lambda = 22 \text{ cm}$
 $\lambda = 88 \text{ cm}$

It turns out 88 cm is the wave length of an exact note!

G (then about)'s wave length is 88 cm long.

that's how I found the frequency.

STEP FIVE: Now let's find out the same tube's note when it's an open tube!

Since I want to be changing the way my notes sound into the tube, but not with be the fundamental frequency of our tube. open tubes fit $\frac{1}{2}$ the length of a wavelength.

turning out 44 cm is exactly G's (more or less) but an octave higher.

convert 44 cm to 0.44 m

$V = F \times \lambda$
 $\frac{345}{0.44} = F$
 $784 \text{ Hz} = F$

OTHER NOTES

	CLOSED TUBE			OPEN TUBES		
G ₄	392 Hz	88 cm	22 cm	G ₅	784 Hz	44 cm
A ₄	440 Hz	78.1 cm	19.5 cm	A ₅	880 Hz	39.2 cm
B ₄	493.9 Hz	69.8 cm	17.5 cm	B ₅	987 Hz	34.9 cm
C ₅	523.2 Hz	64.5 cm	16.1 cm	C ₆	1047 Hz	32.7 cm
D ₅	597.4 Hz	58.7 cm	14.7 cm	D ₆	1175 Hz	29.3 cm
E ₅	659.2 Hz	51.5 cm	12.9 cm	E ₆	1319 Hz	26.1 cm
F ₅	698.5 Hz	49.3 cm	12.3 cm	F ₆	1437 Hz	24.0 cm
G ₅	784 Hz	44 cm	11 cm	G ₆	1568 Hz	22 cm
note	frequency	Wave length	note frequency	Wave length	note frequency	Wave length

Applies to both closed and open tubes.



Death and Taxes

AN ELEGY BY
LEAH COLLIGAN

The two worst topics in life
are to be stated here.
Eventually you will experience them both.

How do you feel?
You must feel sad.
Life is quite bleak.

If you aren't sad now,
you definitely should be.
Hope is for the weak.

Happiness and love
don't have a single point.
Why would they?

Do not be happy;
have sorrow.
Enjoy being young while you can.

Because after this
being young you will miss.
Too bad.

So pay your taxes,
and write your will,
if you have anything to leave.

Manqué

SIERRA LETLOW

Les visages sont restés uniformes
La deformation et la douleur
Les gens innocents sont traumatisés
Mais leurs visages sont restés uniformes

Le sang coule dans la rue
Par la chair qui vole dans l'air
Accentué par l'identité des gens
Qui sont manqués

Maintenant les gens ne sont que de vieux
souvenirs
Des histoires qui sont racontées aux musées
Une histoire qui ne peut jamais être oubliée.

La foule

JESSALYN KWARTENG

Je regardais de différents visages
Nous tous racontons notre histoire
Les histoires de douleur, de bonheur,
et de tristesse

J'étais à côté d'eux
J'étais dans les histoires
J'ai vu le bonheur
J'ai vu la tristesse
J'ai vu de la peine
Je verrais ...

J'aimerais savoir ces histoires
Dans mon monde
Où je vis
Mais je les ai vues dans une galerie d'art
Où on raconte des histoires
À propos des visages que j'ai vus
Un mystère



Steven dePeuter
Durabody Welding



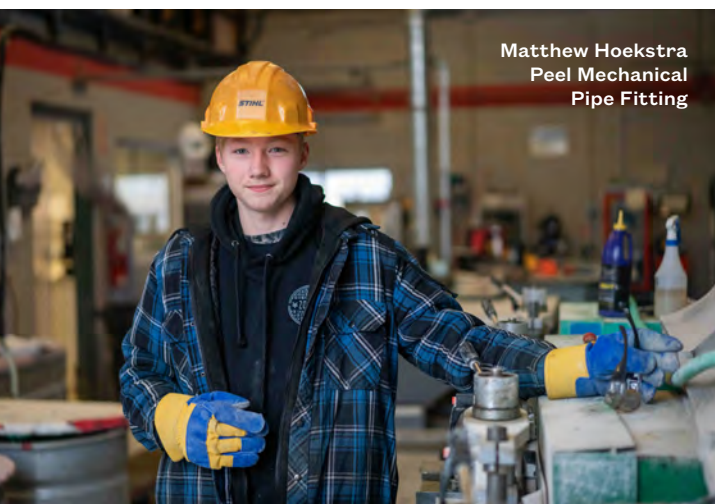
Michael Alkema
Jay's Sheds



Matthew Groot
Firefighting Trainee,
Peel Region



Caleb Hay
Thornhill Lawn Equipment



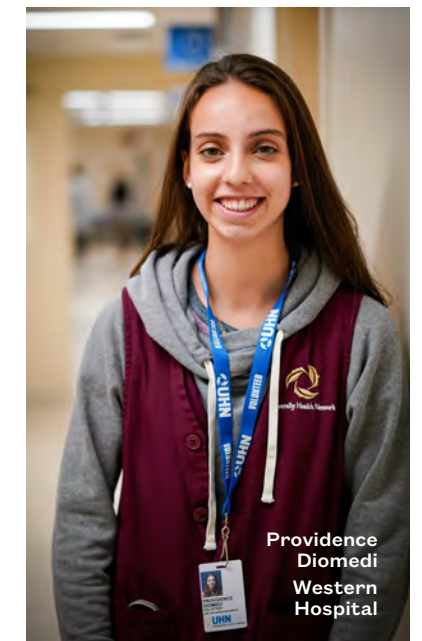
Matthew Hoekstra
Peel Mechanical
Pipe Fitting



Noel Simpson
Renew Pallets



Julio Albuquerque
DeCaro Fabrication



Providence
Diomed
Western
Hospital



Nathan Wells
New Electric

This semester-long program connects in-school learning with real-world experience. Students spend two days a week learning in the workplace under the supervision of an adult mentor. The other three days are spent at school with Internship Block teachers. Students have greater control over their own learning and gain meaningful experience exploring a potential future career. Photos by Mr. Joel Sjaarda.

Internship Block

MADELYN
VANDERMEER

How Tiger Got His Stripes

CARLO CRISTIANO

Long ago, on an island called Animali, there lived a creature named Tiger. Tiger was plain. His whole body was only orange. He was ferocious, but still the animals ridiculed him.

“Tiger, you’re so plain! You have no other colour except that boring shade of orange. If only you were like me with my colorful feathers!” Parrot laughed.

Tiger slinked away sadly. He was so plain.

“Hey, Tiger!” Chameleon scoffed. “Look at you: there is nothing of interest on your body. If only you were like me, and you could change colour anytime and anywhere!”

Tiger turned his face away. He tried to ignore the comment. Don’t take it to heart, he thought to himself. He trotted off, but the words still stung.

Tiger decided to rest near the lake. He stared sadly at his own reflection in the water. Suddenly, the water rippled and Rainbow Trout jumped out and splashed back in the lake.

Rainbow Trout rose his head out of the water. “Hello, Tiger! If only you were as handsome and as shiny as me!”

This made Tiger feel worse. He prowled off. Then he decided he would find somewhere to sleep alone. Tiger searched through the bushes and trees to find a quiet place. Perfect! Tiger spotted a cave. He lay down in there and thought about all the things the animals had said: If only you were like me with my colorful feathers... If only you were like me and you could change colour anytime and anywhere... If only you were as

handsome and shiny as me. As all the memories swarmed back, Tiger cried himself to sleep.

“Tiger!” a familiar voice called. “Tiger, please help us!”

Tiger opened one eye. Could it be? He opened both his eyes and rubbed them. Standing in front of him were Parrot and Chameleon.

“A great beast called Lion just came and he’s terrorizing us and all the other animals!” Parrot cried.

“Can you defeat him for us, Tiger?” Chameleon begged.

Tiger should have said yes, but they were so cruel to him just yesterday. “NO!” Tiger shouted.

“What?” they replied in unison.

“Why should I help you when you were so mean to me?” As he said this, Tiger started walking away proudly.

“Please, we did not mean the things we said!” Parrot pleaded. Tiger didn’t respond and kept walking. Parrot and Chameleon gave up and left.

Ha! That shows them! Tiger thought. As Tiger walked on, he suddenly saw a yellow form in the distance. As Tiger approached, he saw the creature was Lion. As Lion took a drink from the lake, Rainbow Trout cowered on the other side. Tiger went to take a drink, but Lion swiped at Tiger.

“This is my lake!” Lion growled, but Tiger would not give up. He roared at Lion and tackled him to the ground. The fight had begun.

Tiger pinned Lion’s body, but not his paws. He scratched at Tiger’s arms and Tiger let him go. Suddenly, Lion kicked and left a gash on Tiger’s face. Tiger softly growled and backed off a bit. He pretended to walk away, but then turned and headbutted Lion to the ground. Scratch! Scrape! Roar! The sounds of battle erupted as the two ferocious animals interlocked in their clash.

Finally, Tiger was forced to submit. The wounds and scratches were too much. He backed off and limped away. Lion roared and proclaimed his victory. As Tiger lingered back, Chameleon and Parrot spotted him.

“Tiger! What happened?” Parrot squawked in concern.

“Fought... Lion. Please... help... me.” Tiger dropped to the ground. Chameleon gasped. “Parrot!” Chameleon commanded. “Fetch those black lotuses from the meadow!” Parrot sped off in pursuit of them. She clamped a clump of the flowers in her beak and flew back. She dropped them in front of Chameleon. Chameleon grabbed the black lotus flowers and crinkled them over Tiger’s wide and deep wounds. The wounds quickly closed, but instead of disappearing the wounds changed into black stripes.

“Wow! Those black stripes are magnificent!” exclaimed Parrot. Tiger’s eyes fluttered open.

“Tiger, are you okay?” Chameleon exclaimed.

“Yes, I feel great!” Tiger glanced at his stripes. “My stripes are marvellous! I feel courageous because of them. I will challenge Lion once again!”

He made his way to the lake to find Lion resting there. Tiger crept up on Lion and scratched his back.

“ROOAAAR!!!” Lion screamed in agony. Lion rose and tried to headbutt Tiger, but Tiger sidestepped easily and Lion’s muzzle slammed into the ground. Tiger slashed his back and Lion roared weakly, “I give up.”

“Then leave this place and never return!” Tiger roared.

Lion slunk away into the distance. After that battle, Tiger was crowned king of Animali, and all the animals praised Tiger for his courage—and for his magnificent new stripes.



JULIA ROBINSON

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