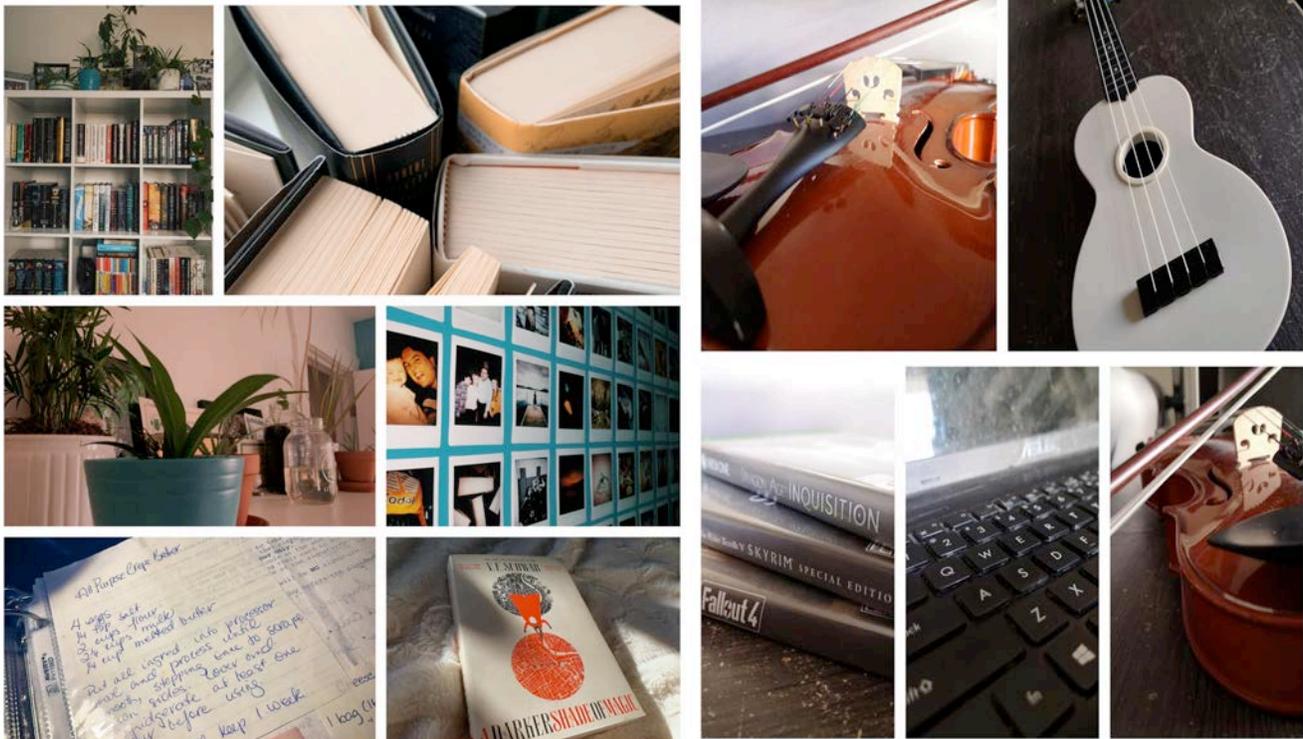


The Lockerby Newsletter

LCS News Update | April 14 - 17, 2020

INTERIOR DESIGN: QUARANTINE COLLAGE



This week, Lockerby Composite's distance learning continued. Mr. Cole's Interior Design class spent week-one practicing photographic composition and lighting with the view of being able to showcase our work effectively from home. This week, the Interior Design class learned about the Design Process, and how constraints can help focus our ideas and develop more creative solutions to problems! Students reflected on the constraints of this COVID-19 pandemic and realized that many of us have been inspired to discover new passions that we might not have had time to pursue otherwise! These collages were created by some of our Vikings to represent not only their photographic skills, but also to illustrate the new discoveries we have made about ourselves in our homes over the past several weeks. Our Interior Design class challenges all Vikings (and their parents) to pursue new passions and join us on this path of self-discovery!

Keep reading this week's Newsletter for further information regarding updates about Rainbow District School Board and Lockerby Composite's Distance Learning Plan (starting on Page 8).

ROUND 2: ONLINE LEARNING AT ITS FINEST!

Mathematics

Wondering how your online studies are going in mathematics? We've got you covered!

Responses Overlay

Simplify the following expression:

$2 + 10m - 7n + 3n - 11m$

$21m - 4n + 2$
1 student
Sophie Germain

$2 + 10m - 4n$
0 students

$10n - m + 2$
0 students

$-m - 4n + 2$
14 students
Alice Schafer, David Hilbert, Johann Lambert, Kelly Miller, Hermann Grassmann, Hertha Ayrton, Eugenia Cheng, Felix Klein, Richard Dedekind, Mary Ellen Rudin, Karl Weierstrass, Joseph Liouville, Archimedes, Emmy Noether

Sophie Germain
 $21m - 4n + 2$ | 2 is the only unlike term
 $10 + 11 = 21$
 $-7 + 3 = -4$

Alice Schafer
 $-m - 4n + 2$ |

David Hilbert
 $-m - 4n + 2$ | put like terms together than added/subtract

Alice Schafer
 $2 + 10m - 7n + 3n - 11m$
 $10m - 11m$

David Hilbert
 $2 + 10m - 7n + 3n - 11m$
 $= 2 + 10m - 11m - 7n + 3n$
 $= 2 + (-1m) - 4n$

Johann Lambert
 $10m - 11m$
 $= -m$
 $= -7n + 3n$
 $= -4n$
 $+ 2$

Hermann Grassmann
 $2 + 10m - 7n + 3n - 11m$
 $2 + 10m - 11m - 7n + 3n$
 $= 2 - m - 4n$
 $-m - 4n + 2$

Hertha Ayrton
 $2 + 10m - 7n + 3n - 11m$
 $= 10m - 11m - 7n + 3n$
 $3n + 2$
 $= -m - 4n + 2$

Eugenia Cheng

Jakob Steiner
 $= 10m - 11m - 7n + 3n + 2$

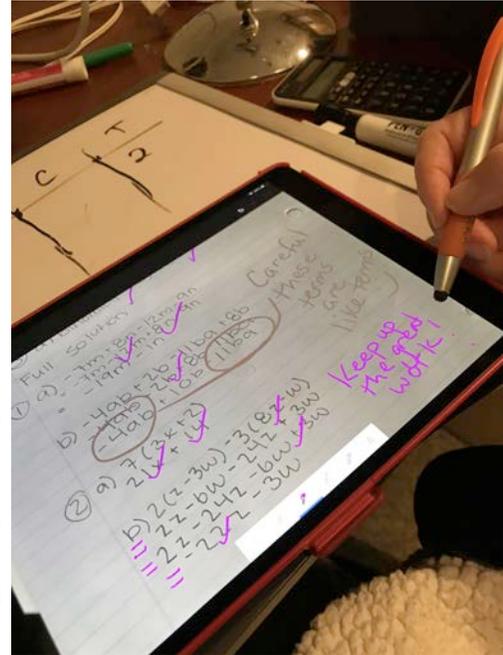
Felix Klein
 $2 + 10m - 7n + 3n - 11m$
 $= 10m - 11m - 7n + 3n + 2$
 $= -m - 4n + 2$

Richard Dedekind

Joseph Liouville
 $10m - 11m$
 $n - m$
 $10m$

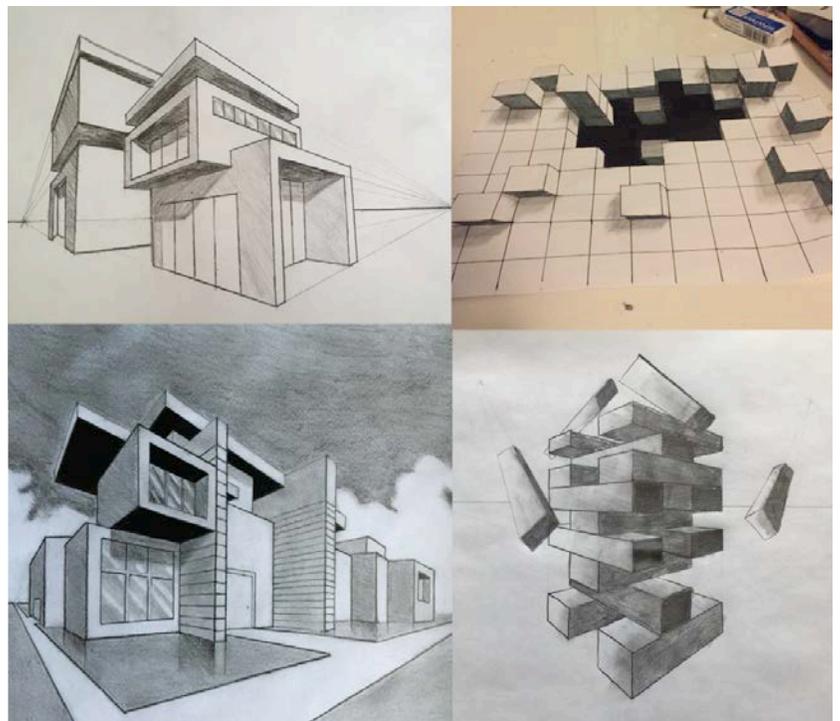
Évariste Galois
 $10m - 11m$
 10
 10

Sophie Germain
 $10m - 11m$
 10
 10



Technological Studies

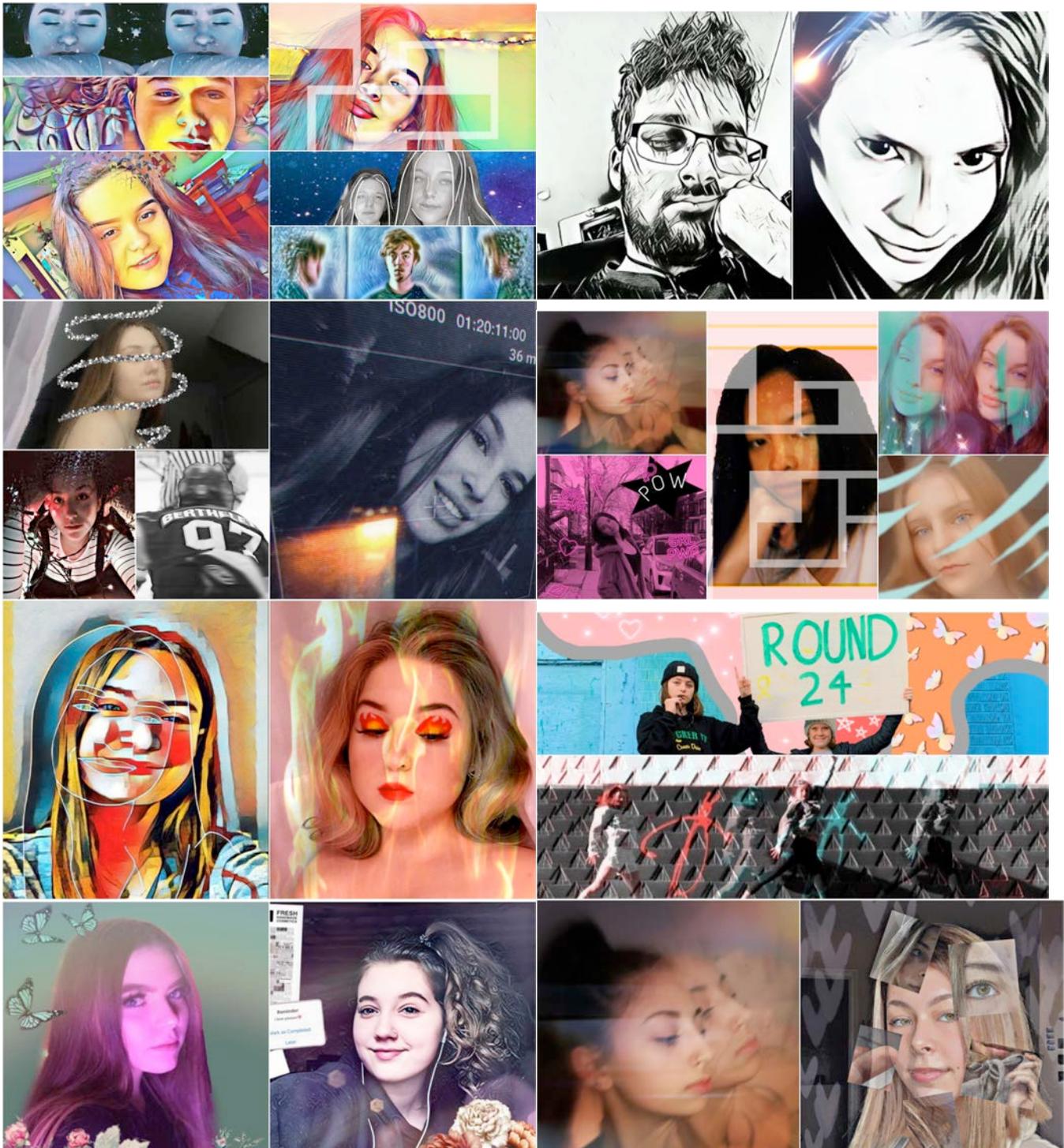
Great work from a great class! Mr. Smith's grade nine technological studies class continues to produce excellent work from the comfort and safety of their own homes! The technical sketching unit offers students a choice of subject matters for their drawings and a wide variety of projects have been submitted. These impressive sketches were done by Ivan, Cleo, Alyssa, and Evan.



ROUND 2: ONLINE LEARNING AT ITS FINEST!

Visual Arts

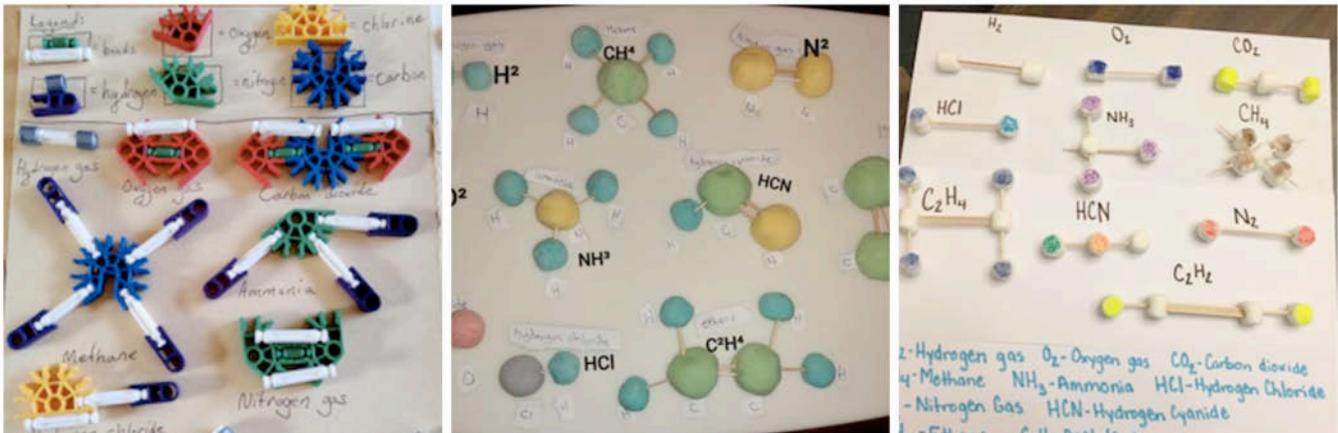
This week in visual art, students were experimenting with digital photography. Armed with a cell phone and some really cool software, students began learning about how to create depth using filters and layers. Here's a sample of some senior art selfies. Recognize anyone? Stay tuned for grades nine and ten 10 selfies in next week's newsletter...



ROUND 2: ONLINE LEARNING AT ITS FINEST!

Science

Grade 9 STEP science students continue their science learning at home by building molecules of common compounds out of everyday molecules found at home. Below Petra E., Amber K.-S., and Cassidy M. show their creativity and ingenuity in the creation of their final products!

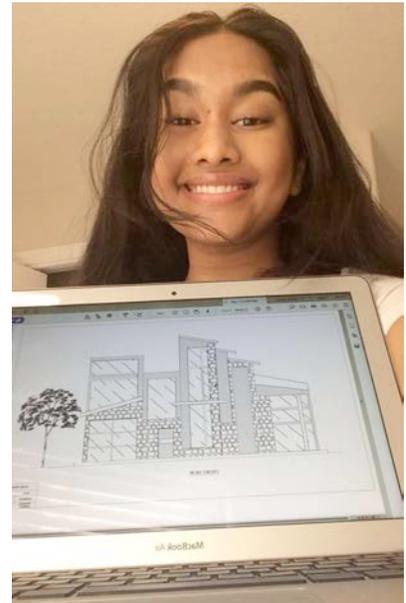


Architecture

Nethra W.'s design was one of many amazing architectural elevations submitted this week in the architecture course! While Nethra and others opted for a post-modern look to their houses, other styles like Tudor, Victorian, Chateau, and Georgian were also well represented.

English

April is poetry month and there are many sites providing access to amazing poems including www.poetryinvoice.com and www.poetryfoundation.org. Actor Patrick Stewart has even been reading a Shakespearean Sonnet every day! Here are some of the grade twelve English class's favourite poems:



The Rose That Grew From Concrete By Tupac Shakur

Did you hear about the rose that grew
from a crack in the concrete?
Proving nature's law is wrong it
learned to walk without having feet.
Funny it seems, but by keeping its dreams,
it learned to breathe fresh air.
Long live the rose that grew from concrete
when no one else ever cared.

Nothing Gold Can Stay By Robert Frost

Nature's first green is gold,
Her hardest hue to hold.
Her early leaf's a flower;
But only so an hour.
Then leaf subsides to leaf.
So Eden sank to grief,
So dawn goes down to day.
Nothing gold can stay.

VIKEWEAR DAY AND EARTH DAY!

Our Student Council is hosting a Vikewear Day next Wednesday, so sport your Vikewear (or green attire) while you are distance learning! Next Wednesday also happens to be Earth Day and our Environmental Council will be hosting a viewing of the Lorax online! More details about how you can participate in these events on social media will be shared early next week! Stay tuned!



Students' Council Presents Vikewear Day on April 22!

Earth Day!
Wednesday April 22, 2020

Join Us!
11am on the 22nd to watch
The Lorax
"Google Meet code will be posted closer to the date"

Don't forget to wear your vikewear to support Student Council's spirit day!

Take a selfie, video, or picture of you recycling or planting and DM Environmental Council Instagram to have it posted!!

Mark Your Calendars!

LOCKERBY COMPOSITE'S ASTRONOMY CLUB

Hello Astronomy Club and all those who love the night sky! Take the time to go out at night and look-up. What do you see?

Need help to find those celestial objects? Some great tools that are easy to use are sky apps on your phone. Many are free such as Skyview Free, Night Sky, Pocket Universe, and Sky Guide. There's certainly been some clear night skies for Ms. Gordon at her home!



SENDING POSITIVITY TO THE COMMUNITY

Grade nine student Jazmyn J. was a co-host on Ontario Today on CBC Radio (99.9FM) this week. Here is Jazmyn's perspective on the experience, as she looked to share some positivity with the Sudbury community:

“On Thursday, April 16th, 2020, I was a co-host on Ontario Today Radio, where every Thursday CBC holds an open line show featuring kids and teens to get their perspective on the current pandemic situation, and what they are doing to help out in the community, and in their own lives. I was featured as a co-host for the show, based on the efforts my family and I have been making to brighten the spirits of our community. This quarantine has brought a big sense of loneliness and isolation to people of all ages across the world, and it may feel as though memories and happy moments are few and far between.

What I have been doing is taking drives around my neighbourhood and across the city with the windows down, playing ‘motivational fight songs’ in order to catch the attention of fellow citizens. Music has been proven to bring a sense of comfort to those who listen, especially when the songs have optimistic meaning and good messages. The top song I had chosen to play was, *Here Comes the Sun* by The Beatles, as it is widely recognized, I figured it would be perfect for the intent. The song talks about getting over a ‘long cold lonely winter’ which I thought symbolized the feelings of despair and a lack of hope that everyone may be feeling at the moment. As the song progresses, the lyric, “here comes the sun,” represents that feeling of optimism we all need to remember, sort of a ‘light at the end of the tunnel.’ This action brought up some amazing reactions. Some people gave us a smile and a wave, while others started singing along! Knowing that simple acts of goodness like this can help brighten someone's day makes the entire situation just a little less scary. Though we all feel alone at this time, it is important to hold on to our sense of community and do our best to make light of our circumstances. Take this opportunity to spend time with family, take up a hobby, and help out around the house. Stay Safe Vikes!”



LOCKERBY COMPOSITE SCHOOL'S 25TH ANNUAL CANCER DRIVE

Hello Vikings!

Lockerby Composite's 2020 Kids Caring for Kids Cancer Drive Committee is still hard at work getting ready for our upcoming Cancer Drive in October. This year's drive will mark 25 years of Lockerby Composite students making a positive impact on pediatric cancer care in Sudbury. This incredible milestone wouldn't be possible without your determination, compassion, and enthusiasm, all of which we hope you take with you as we navigate Distance Learning together. Our thoughts are with you and your loved ones during this time and we hope you will all stay safe and healthy. Always remember that we are in this together, Vikings. Your Cancer Drive Committee members wrote messages of hope for our Viking community this week. Click [here](#) for a message from Ms. Rodriguez. Here are some additional messages:



Important Cancer Drive Dates:

Thursday, October 29th, 2020:

Sunday, November 1st, 2020:

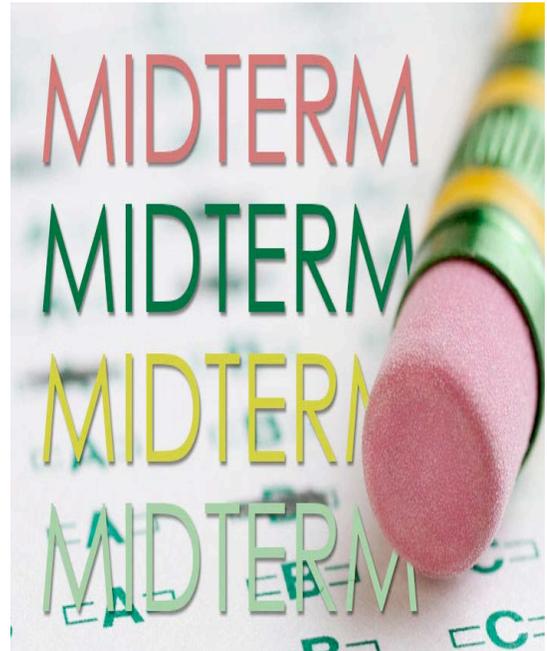
Cancer Drive Canvassing Night

Norther Cancer Foundation's Celebration of Lockerby's 25th Cancer Drive at Northeast Cancer Centre

GRADE 12 MIDTERM MARKS

As per the Ministry of Education guidelines, midterm marks were entered for graduating students (only) to meet the deadline to report grades to the Ontario Universities' Application Centre (OUAC) and the Ontario College Application Service (OCAS). Lockerby Composite School staff has been emailing midterm marks directly to graduating students.

By late next week those midterm marks will have been received by OUAC and OCAS. In the OUAC and OCAS portals, graduating students should review what has been transmitted carefully to ensure that all details are accurate. Special attention should be taken with regards to course codes and midterm marks. If there are any errors or questions please email Mrs. Beaudry.



LCS DISTANCE LEARNING MESSAGES/UPDATES

- A reminder that morning announcements will be posted in homeroom Google Classrooms each school day. These announcements contain important day-to-day information for students. Our morning announcements are also posted on our website under 'Frequent Links.'
- Parents, guardians, and students are reminded that teachers are continuing to take attendance each day for both asynchronous and synchronous learning sessions. Students are asked to please sign-in to each of their Google Classrooms everyday. Information and work for each class is posted daily.
- A reminder that Rainbow District School Board and the Ministry of Education's expectation is that students will do their best to complete all assigned work. Final marks will be entered in June, and will be based on work completed until March 13th, 2020, as well as work from April 6th, to the end of the school year. Assessments continue in all courses.
- Our school continues to reach out to students and families to ensure that everyone that the resources and tools available to learn from home. Please do not hesitate to reach out to any staff member about any concerns that you may have.
- A reminder that each week we will provide information and updates about Distance Learning at Lockerby Composite in this section of our Newsletter.



A MESSAGE FOR OUR ADVANCED PLACEMENT (AP) STUDENTS



Lockerby Composite School

1391 Ramsey View Court, Sudbury, Ontario P3E 5T4 | Tel: 705.522.1750 | Fax: 705.522.0658

Craig Runciman, HBA, MA, BEd, MEd
Principal

Ryan Lafraniere, BSc (Hons), BEd, MEd
Vice-Principal

April 14, 2020

Dear AP Students and Parents/Guardians:



RE: ADVANCED PLACEMENT (AP) EXAMINATIONS AND FINAL EVALUATIONS

We hope all is well with you and your family during these unprecedented times. We recognize that all families are facing many challenges; and as we monitor the spread of the coronavirus (COVID-19), the health and safety of students and educators is of top priority. At this time, we would like to take the opportunity to provide you with key information regarding the 2020 AP College Board examinations and final evaluations.

Examination and Final Evaluation Formats and Dates

The AP College Board is committed to providing free, remote learning resources and a new at-home testing option for this year's AP examinations and final evaluations. Below is a brief synopsis of some important details (to date):

- Most examinations and final evaluations will have one or two free-response questions, and each question will be timed separately.
- Students will need to write and submit their responses within the allotted time for each question.
- Students will be able to take examinations and final evaluations on any device they have access to – computer, tablet, or smartphone. Students will be able to type and upload their responses or write responses by hand and submit a photo via their cell phones.
- For most subjects, the examination or final evaluation will be 45 minutes long, plus an additional 5 minutes for uploading. Students will need to access the online testing system 30 minutes early to get setup. Lockerby Composite School teaching staff will be communicating subject-specific changes and details to students.
- All examinations and final evaluations can be taken at home and each subject's examination and final evaluation will be taken on the same day at the same time, worldwide.
- AP Research and AP Seminar courses will use portfolio submissions and will not have a separate online examination. Lockerby Composite School teaching staff will be communicating all portfolio submission changes and details to students.
- Several 'units' from courses have been excluded from this year's examinations and final evaluations. Lockerby Composite School teaching staff will be communicating subject-specific changes and details to students.
- Should a student wish to withdraw from writing or completing their examination(s) or final evaluation(s), please contact/notify subject-specific classroom teachers by Friday, April 17th, 2020.

At Lockerby Composite School, the following dates and times have been set aside for writing final examinations or final evaluations:

AP Computer Science 'A'	Friday, May 15 th , 2020 at 4:00pm
AP Biology	Monday, May 18 th , 2020 at 2:00pm
AP Research	Friday, May 22 nd , 2020 (portfolio uploading deadline)
AP Seminar	Friday, May 22 nd , 2020 (portfolio uploading deadline)
AP Calculus 'AB'	Monday, June 1 st , 2020 at 4:00pm

For those students challenging additional examinations or final evaluations, the following dates and times have been set aside:

Environmental Science	Monday, May 18 th , 2020 at 4:00pm
English Language and Composition	Wednesday, May 20 th , 2020 at 2:00pm
French Language and Culture	Thursday, May 21 st , at 12:00pm



A MESSAGE FOR OUR ADVANCED PLACEMENT (AP) STUDENTS

- Page 2 of 2 -

Examination and Final Evaluation Scores and College Credit

As usual, students' work will be scored by a network of AP College Board faculty and AP teachers, and scores will be reported on a 1 – 5 scale. The AP College Board anticipates releasing scores as close to the usual July timeframe as possible. The AP College Board is confident that the vast majority of higher education institutions will award college credit as they have in the past. The AP College Board has spoken with hundreds of institutions across North America that support this year's examinations and final evaluations process.

Examination and Final Evaluation Security

Like many college and university-level examinations and final evaluations, this year's AP examinations and final evaluations will be open book/open note. The examination and final evaluation format and questions have been designed specifically for an at-home administration, so points will not be earned from content that can be found in textbooks or online. However, students taking the examinations and final evaluations may not consult with any other individuals during the testing period. The AP College Board will be taking the necessary steps to protect the integrity of each examination and final evaluation administration, as they do every year. Please note, that for the small number of students who may try to gain an unfair advantage, the AP College Board has a number of comprehensive and strict set of protocols in place to prevent and detect cheating.

Distance Learning and Practice

In addition to Lockerby Composite School staff continuing to prepare students for successes on their AP examinations and final evaluations (in their AP Classrooms, Google Classrooms, and/or otherwise), the AP College Board (on Wednesday, March 25th, 2020) began offering free live AP review content, delivered by AP teachers from across North America. These lessons and their contents can be found on the AP College Board website.

Know that our Viking staff has been working diligently in continuing to prepare our students for success on their 2020 AP College Board examinations and final evaluations. Should you have any further questions or concerns about these examinations and final evaluations, please do not hesitate to reach out to our subject-specific classrooms teachers.

Your Sincerely,
LOCKERBY COMPOSITE SCHOOL
 Per:

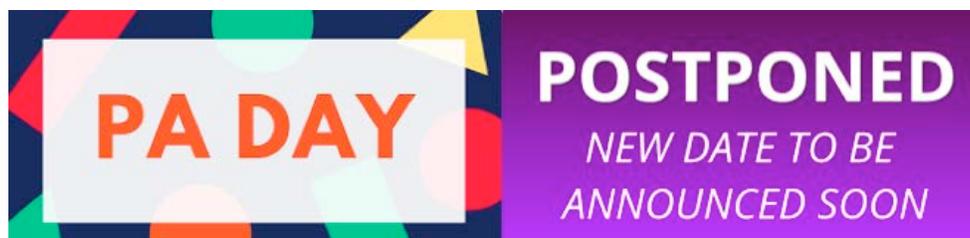


CRAIG RUNCIMAN
 Principal

FRIDAY, APRIL 24TH, 2020

A message from Director Blaseg:

As we look to the week ahead, there is a PA Day scheduled for Friday, April 24th, 2020. In consultation with stakeholders, Rainbow District School Board has decided to postpone the PA Day. Teacher-led distance learning will continue next Friday. The PA Day will be rescheduled to a later date in the 2019 - 2020 school year.



STUDENT SERVICES

Grade 12

Accepting Offers - Colleges and Universities

Students are reminded that they must accept an offer to their chosen program carefully. The acceptance procedure is a multi-step process and must be completed with care. Each website has very specific instructions that must be followed. Students are encouraged to read the guidelines with care as well as watch training videos.

Post-Secondary Virtual Tours

Many post-secondary schools are offering virtual tours and Zoom meetings. Students are encouraged to visit college and university webpages for more details.

Cambrian College

Tour Cambrian anytime from the comfort of your home! Then join a live chat session with one of our recruiters at 1:00pm every Monday to Friday to get more details about programs, admission, and anything else Cambrian! Book your online session now, and start exploring Cambrian visit the Cambrian College website to learn more.

Laurentian University

Hello Vikings! We know this is an uncertain time but we wanted to assure you that our Liaison Services team is here to support you. We are here to answer any and all of your questions as our office, and every other student-facing service remains open; we just have more furry friends as coworkers while working from home! You can contact us by phone at 705-675-1151 x3461 or by email at info@laurentian.ca and don't forget to keep an eye on your email over the coming weeks for updates! Please don't hesitate to reach out; we're all in this together!



CONNECT with us **LIVE!**

RAINBOW SCHOOLS MENTAL HEALTH AND WELLNESS TIPS

Mental Health and Wellness Tips for Families

Stick to a routine. Go to bed and wake up at the same time. Create a schedule that is varied and includes time for learning, work and self-care.

Hygiene is important. Shower or bathe every day. Wash your face and brush your teeth. Wear bright colors to enhance your mood.

Go outside. Try to spend at least 30 minutes outside every day. Concerned about contact? Try first thing in the morning or later in the evening, and avoid traveled streets and avenues. If you are high-risk or are living with someone that is, open the windows and blast the fan. Fresh air can have a positive impact on feelings.

Move your body. If you aren't comfortable going outside, search YouTube for free movement videos, or turn up the volume and have a dance party!

Reach out. Connect with others for support. Don't forget to do this for your children - they miss their friends too. Setup daily virtual play-dates with friends using technology.

Stay hydrated and eat well. Drink plenty of water, eat nutritious foods, and challenge yourself to learn how to cook something new. This is an activity the whole family can enjoy.

Play. Children often communicate how they are feeling through play. You may see themes of illness, doctor visits and isolation. Play is healthy for children and adults, helping to problem-solve and process the world around them.

Give space and time. This time without a traditional routine can be difficult. We must try to move with empathy and understanding through the challenging moments. Remind yourself that everyone is doing the best they can.

Create a private or quiet place for each family member. It is important that everyone has a separate space for work and relaxation. Help children identify a place to retreat when they need downtime. Together, create a cozy space using blankets, pillows, cushions, scarves, beanbags, tents and handmade forts.

Lower expectations. In our new situation, there is no road map. Be kind and take time to adjust.

Be gentle. We are all struggling with disruption in routine, especially children, who rely on them for safety and security. Expect increased anxiety, worries, fears, nightmares, difficulty separating or sleeping, testing limits and meltdowns. Do not introduce behavioral plans or consequences at this time. Instead, find ways to build on your emotional connection.

Focus on safety and family connection. Try to remember that these are scary and unpredictable times for us all. Focus on strengthening your connection through time spent together, play, books, and verbal reassurances that you are there for them.

Limit COVID conversation, particularly around children. Information is readily available and changes rapidly, leaving some of us scared and overwhelmed. Find a couple of trusted sources that you can check regularly, limiting the times per day and time spent researching. Always remember that children see and hear everything, and do not have the ability to process and place information into context. They need to know that you are able to continue to care for them and keep them safe.

Notice the good in the world - the helpers. There are great stories of people sacrificing, donating, and supporting one another. Try reading some positive information to balance the sadness.

Help others. Find ways, whether big or small, to give to others. Helping others can give you a sense of purpose when things seem out of our control.

Find a project and have some fun. Try a puzzle, start a game of Risk, paint a picture, read a Harry Potter book, binge watch a show, crochet a blanket or solve a Rubix cube. Stay busy and engaged as a distraction from the outside world.

Find lightness and humour in each day. Balance the worry you may be feeling with some humour and comedic relief.

Remember: This is temporary. It can be challenging to think of the road ahead. Remind yourself that although this is scary and difficult, it will pass. Soon you will feel free, safe, busy, and connected again.

**As always, be kind to yourself and others.
We are all in this together.**

WHAT PARENTS NEED TO KNOW FOR OUR 'ONLINE' CLASSES NEXT WEEK . . .

Monday, April 20th

Tuesday, April 21st

Wednesday, April 22nd

- Vikewear Day
- Earth Day

Thursday, April 23rd

Friday, April 24th

- **REGULAR DISTANCE LEARNING DAY**

Our Newsletter is back each week from now until the end of the year. We will be doing our best to get information to our Viking Community over the next several week. Our Newsletter will be our main means of communication for all of our families moving forward. Thank you for your continued patience!

Let's Connect

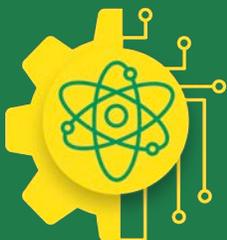


<https://www.instagram.com/lockerbycomposite/>

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<https://www.facebook.com/lockerbyvikings/>

<https://lockerby.rainbowschools.ca/>



Science and Technology Education Program

AP Capstone