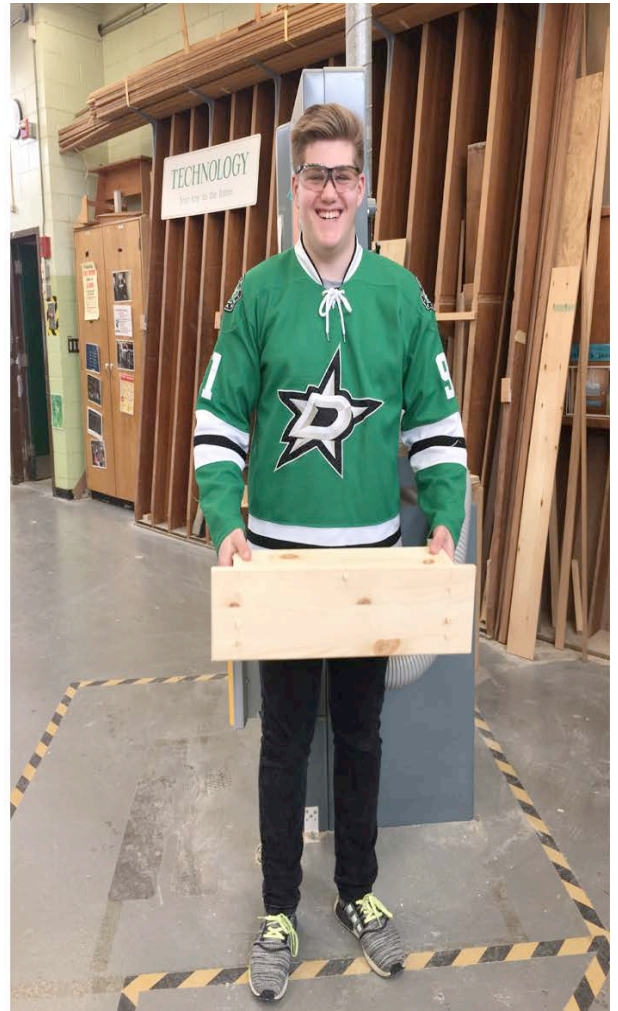


GRADE 10 WOODWORK WEEK

By Alexia L.:

It was a busy week for our grade 10 technology students. Our Viking technologists have been working hard on their wood shelves in Mr. Smith's class. From a piece of wood to a beautiful wood masterpiece, students have been spending their time learning to and using machines like the band saw and the spindle sander to create their custom shelf. Students used Fusion, the computer program, to personalize their own brackets and add a design that showcased their unique personality.



ART GALLERY OF SUDBURY EXHIBIT

Congratulations to Mia D. for her award at the Art Gallery of Sudbury this past Thursday evening. Congratulations also goes out to all of our other Vikings who had work displayed last night. The exhibit of student art is on until June 2nd, 2019, so check it out!



Well-done and great job Vikings!



POETRY CONTEST WINNER

Congratulations goes out to Conner McGibbon, who won 1st place in the Legion Branch 553's poetry contest!



NEW ADDITION TO OUR MAIN FOYER

There's a new piece of artwork that has been added to our main foyer. Thank you to Scotia M. who painted a beautiful piece of artwork for our school. The piece is being proudly displayed for all of our visitors to see when they come into the building!

Great Work!



REPORT CARD DISTRIBUTION

Attention students and parents/guardians:

Report Cards were distributed to all students in their homerooms this past Tuesday (April 30th).

THIS WEEK IN VIKINGS ATHLETICS . . .

Track and Field

The annual grade 9 'Try-a-Track Day' proved to be a huge success! Interested and energetic bodies tried a variety of events such as relay, hurdles and sprints, high jump, shot put, javelin, and long and triple jumps. Many students were surprised at their competence and have showed interest in joining the team as they continue to practice. New members are still welcome! From this point on, training will take place at the Laurentian University track after school. Good luck to Travis A., Ben O., Theo P., Rebecca S., Maeve C., Ella C., Kallie J., Jen B., Jordan M., Ethan N., Darren T., Halle B., and Brady D. who are competing tomorrow back at the Black Fly Invitational Event. Everyone is encouraged to come on out to cheer them on. The meet begins with the 3000m race at 10:00am. Stay tuned for details regarding a training camp weekend (next weekend) at Laurentian University for all athletes.



THIS WEEK IN VIKINGS ATHLETICS . . .

Tennis

With the snow gone (hopefully), tennis season has started at Lockerby Composite School. Mr. Beausoleil is looking to take our Viking athletes to the next level and beyond! We may even have the next Roger Federer in our midst and on our team?



Volleyball

Congratulations to the Lockerby Composite staff who are the Gold Medal Champions of the Churchill Board-Wide Volleyball Tournament. Our champions helped raise money for McCulloch Hospice. If you see Ms. Santi, Ms. Hunda, Ms. Heffern, Ms. MacLennan, and Mr. Beausoleil, please congratulate them!



MAKING MOLECULES

Students in grade 9 science just learned how atoms come together in specific ratios to make molecules. They then used model kits to build everyday molecules and help them visualize their three dimensional structures.

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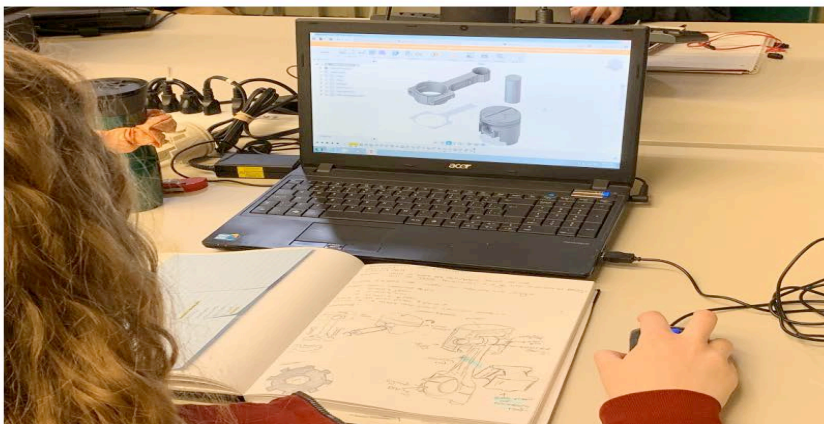
FROM PIXELS TO PISTONS

By Dana S.:

For my architecture grade 12 assignment, I chose to gain some skills with a CAD software called Fusion 360. The program allows you to construct designs and see their outcome in a 3D format. As a student interested in mechanics and with a small background in racing, I decided to essentially take my dad's custom pistons and connecting rod from his race car and see if I could recreate them with the program.

The custom pistons I chose are for a high-performance small block chevy, bore/stroke equaling 434 cubic inches. The pistons are known as an 18-degree piston, meaning the valves attack the head of the piston at an 18-degree angle. It is a raised dome piston which allows the compression to be 13:1. The engine with the pistons produces 900 horsepower, and 740-foot pounds of torque. The piston I designed, if manufactured out of metal could potentially fulfil the purpose of these pistons.

I began by designing the connecting rod, then the pin and then moved on to the piston head. The whole process took me about two weeks to complete, I took an additional week to 3D print the piston and adjust to make sure that all the pieces fit together perfectly. When the piston and connecting rod printed, they were smaller compared to the real pistons in the race engine, however, they are a decent representation. I enjoyed the process because it allowed me to gain new experience with Fusion programs and tested my determination to design something with no guide other than what I had in front of me.



BATTLE OF THE PHYSICAL EDUCATION CLASSES

Lockerby Composite School's Athletics Department would like to congratulate Mme Stanyon's French Immersion grade 9 physical education class in defeating Mr. Beausoleil's grade 11 and 12 boy's physical education class by a score of 11 to 10 in their yearly floor hockey match! Stay tuned for next week's challenge match where Mme Stanyon's students look for their second victory!



LOCKERBY PHYSICS WONDERLAND FIELD TRIP

The 'Physics Day at Wonderland' field trip has been scheduled. This year's excursion is Thursday, May 30th, 2019. Any student who has taken physics this year may get a permission form from Mr. Luoma, Mr. Abols, or Mr. Coulas. The cost of the trip is \$100. There are 50 spots available on the first bus and an additional 40 spots would have to be filled for another bus to be ordered. First come, first served.



YOGA CLASS

This week, the Lockerby yoginis were practicing advanced inversion postures, large group poses, mindfulness meditation and a new cooperative game. Variety is the spice of life!



MUSIC EDUCATION WEEK

To celebrate Music Education next week, Lockerby Composite will be hosting 150 students from Lasalle S.S., Confederation S.S., Lo-Ellen Par S.S., and Sudbury Secondary School to put on a mass show of our collective talents. In addition to each group playing a pair of pieces students will also be performing a pair of "Mass Band" pieces where all the involved students will be performing en masse.



STUDENT SERVICES

Graduates

Attention Graduates! As we approach this year's commencement ceremony, students will need to ensure that they are listening to morning announcements and reviewing newsletter items carefully.

Valedictorian Voting - May 8th, 2019

On Wednesday, May 8th, 2019 at 10:45am, students will be nominating this year's valedictorian. Nominations will take place in the school's balcony.

Special Certificates and Accomplishments

Guidance has posted a list of special certificates and accomplishments on the Graduate Wall. Students are asked to review these details to ensure that there are no errors or omissions. This is the document that will be used to create the graduation program.

Community Service Hours

An updated list of community service hours has been posted in Guidance. Please check this document to ensure it is accurate. Graduates are reminded that the Ministry of Education requires that students complete 40 hours of community service as one part of their diploma requirements.

Graduation Gowns Graduates

A final list of our graduation gowns has been posted on the Graduate Wall. Students should check this list carefully to ensure that a gown has been ordered for them.

Volunteer Opportunities

Sudbury Rocks - May 12th, 2019

Volunteer for the Sudbury Rocks!!! Race, Run or Walk for Diabetes. Putting on an event of this magnitude requires lots of help and the organizing team requires about 350 people to fully cover all requirements of the run. Visit the event's website to volunteer - <http://www.sudburyrocksmarathon.com/volunteers.html>

MacLeod Public School Fun Fair - June 6th, 2019

MacLeod is looking for some student volunteers to help out with their Fun Fair on June 6th, 2019. Interested students should sign-up in Guidance.

Relay for Life - June 21st, 2019

The Canadian Cancer Society will be having their Relay for Life once again this year; the event will occur on June 21st, 2019 from 6:00pm to 12:00am. To volunteer for this event, visit the website at http://convio.cancer.ca/site/PageServer?pagename=RFL_CAN_NATL_homepage#locator-target

iCanShine iCanBike - July 23rd - 27th, 2019

The vast majority of people with disabilities never have the experience of independently riding a conventional two-wheel bicycle during their lifetime. Research shows that over 80% of people with Down Syndrome never experience this thrill. Defying these odds is why iCanBike was established. iCanBike is a one-week program organized in association with Health Sciences North to provide a specialized program that allows children with disabilities to develop the skills necessary to ride a two-wheel bicycle independently. Volunteer to give the joy of independence to a child this summer. For more information, visit the organization's website - <http://icanshine.org/ican-bike-sudbury-on/>

WHAT PARENTS NEED TO KNOW FOR NEXT WEEK . . .

Dan Watson, our Social Worker is in the school next week.

Nurse Holly, our Public Health Nurse is in the school next Wednesday.

Monday, May 6th

Tuesday, May 7th

- Music Education Week Concert

Wednesday, May 8th

Thursday, May 9th

- Graduation Photo Retakes

Friday, May 10th

Let's Connect



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

<https://twitter.com/lockerbynet>

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

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

