



Clemens Mill Public School

— Est. 1992 —

School Council

September 2021 Meeting

September 27, 2021, 6PM - 7:30PM

Agenda

6:00 PM	Welcome	Principal Tiwari
6:05 PM	Introductions	Jackie Fraser
6:15 PM	HEPA Air filter proposal	Kristen Planta-Jones
6:25 PM	Closing of 2020/2021 Council and Financial Review	Jackie Fraser, Zac Jones
6:30 PM	Council Objectives & Formation of 2021/2022 Council	Jackie Fraser
6:45 PM	School Update	Principal Tiwari
7:00 PM	Bathroom upgrade proposal - delayed to next meeting	Jackie Fraser
7:10 PM	Budget proposal and funding allocation decisions	Alanna Rand
7:25 PM	Subcommittee volunteers - delayed to next meeting	All
7:30 PM	Close	Jackie Fraser

Introductions -

Jackie Fraser



HEPA Air Cleaners for Clemens Mill -

Kristen Jones

Proposal

School council funding portable HEPA air cleaners for every classroom and congregate area in the school

Why would HEPA cleaners be beneficial?

Overarching goal is protect students and staff from exposures to infectious disease while in school

- ▶ The virus that causes Covid-19, is carried by respiratory aerosols. Portable air cleaners (also called air purifiers and air filters), work by pulling air through high-quality filters (MERV13).
- ▶ As the air cleaner pulls air in with the fan contained in it, the filters attached to it clean the air.
- ▶ Respiratory aerosols (emitted when we breathe, talk, laugh, yell, sing, cough, sneeze) are extremely small. The ones most likely to carry Covid-19 are too small to see
- ▶ Children are generally not wearing N95 quality masks in school. Regular cloth masks or surgical masks are thought to be around 40-60% effective against the delta variant of Covid-19.
- ▶ Children also remove their masks in class to eat, and during phys-ed. Respiratory aerosols can linger in rooms for hours. Adding this extra layer of protection can help keep kids in class, and reduce staff sick time by reducing spread of illnesses.
- ▶ Air cleaners will benefit the school long past covid, as other respiratory virus' are also spread via aerosol (think Influenza)

Do they work?

- ▶ The single most important thing to know is that portable air cleaners will only enhance current HVAC infrastructures, as additional air cleaner is additive – not subtractive. And they work very well.
- ▶ The US Centers for Disease Control (CDC) recommends them for any area of higher risk inhabited by those with an increased risk of getting COVID-19

<https://www.cdc.gov/coronavirus/2019-ncov/community/ventilation.html>

- ▶ The Toronto District School Board added 20,000 to their schools this summer!
<https://toronto.ctvnews.ca/here-s-the-ventilation-systems-that-will-be-used-in-toronto-public-schools-this-fall-1.5541550>

- ▶ The CDC, in its July 9, 2021, “Morbidity and Mortality Weekly Report” (MMWR), clearly found that “the use of HEPA air cleaners in a conference room significantly reduced the exposure of nearby participants and a speaker to airborne particles produced by a simulated infected participant. ...When used together, the HEPA air cleaners and masks reduced exposure to respiratory aerosols by up to 90%.”

Are they safe?

- ▶ Store bought commercial HEPA filtration units are safe as they have been tested prior to being available for sale.
- ▶ However there is occasional concerns over electrical safety of home made units; named "Corsi-Rosenthal boxes". This concern can be dismissed as these units (made from a box fan, MERV13 filters, and duct tape) have been extensively tested and shown to safe and not to pose any fire risk. In fact, these units have been shown to be 3x as effective as commercial products at the same price point.

Commercial units – buying guide

- ▶ Choose only air cleaners that have mechanical filtration (particulate filter media) with MERV 13 or higher or HEPA designation. Watch out for ionizers that can produce hazardous ozone.
- ▶ Be aware of false marketing
- ▶ Stay away from fancy technology marketing
- ▶ I have included a chart that compares units on next slide. Y- axis (vertical) is size of room, X-axis (horizontal) is cost. The one under the red arrow is the homemade Corsi-Rosenthal box.
- ▶ There are several that would be acceptable to look into in the 50-55db range that are in the lower end of the cost spectrum.

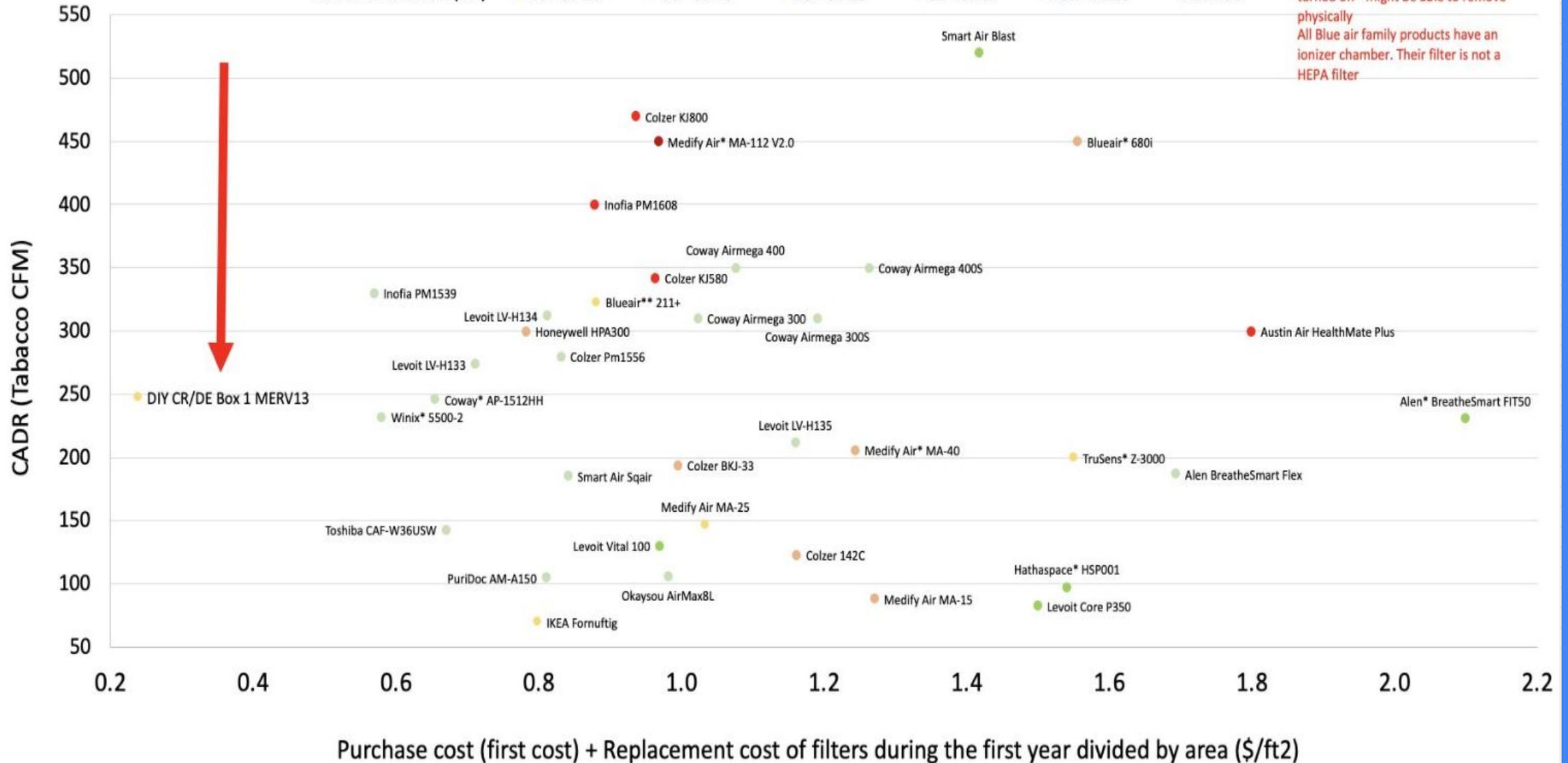
Data compiled by Marwa Zaatari

Portable Air Cleaners Comparison

Notes:

- *have an ionizer but can be turned off
- **have an ionizer but can not be turned off - might be able to remove physically
- All Blue air family products have an ionizer chamber. Their filter is not a HEPA filter

Noise in decibel (db) = ● 40 - 50 db ● 50 - 55 db ● 55 - 60 db ● 60 - 65 db ● 65 - 70 db ● >70 db



References

- ▶ <https://cleanaircrew.org/>. This is a hugely informative website that has been created by scientists and engineers with many years of collective research experience related to indoor air quality, aerosol science, aerosol disease transmission, and engineered control systems for aerosols.
- ▶ See the following link for a list of contributors to the website <https://cleanaircrew.org/faq-aerosols/>

Closing of 2020/2021 School Council & Financial Review -

Jackie Fraser and Zac Jones

2019/2020 School Council Closing Remarks

Summary of Council's impact last year:

- Funded the outdoor playground
- Launched the Nutrition for Learning program
- Held a Pizza fundraiser
- Hosted the Brain-a-thon (Reading and Math)
- Supported Cambridge Bingo and Gaming Centre
- Raised funds for traverse wall and technology

MOTION: To dissolve the 2020/2021 Clemens Mill School Council.

Financial Update:

- Began the year with \$42k in reserve, most of which was earmarked for previously committed items (outdoor playground and technology)
- Spent \$25k on outdoor playground and \$1k on events; technology spend paused due to availability of devices
- Earned \$10k in fundraising, grants and donations
- Ended the year with \$26k in reserve, split by:
 - Cash: \$6k
 - Bingo: \$19k
 - WEFI: \$1k
- The \$26k is earmarked as follows:
 - 13k technology
 - 9k traverse wall (1.5k targeted donation)
 - 4k outdoor playground (1k targeted grant to be returned)

Overview and Creation of 2021/2022 School Council -

Jackie Fraser



School Council Overview

Mission:

To support student **LEARNING**, **ACHIEVEMENT**, and **WELL-BEING**

Vision:

- Improve the educational experience of our students
- Promote diversity and inclusion
- Build strong families and community
- Increase parent participation in the school
- Foster a relationship between our families and educators

Goals:

- Host family-focused activities
- Sponsor student-focused events
- Invest in school enhancements
- Show teacher appreciation
- Provide support for parents

We aim to have a presence throughout the school year

School Council **DRAFT** Annual Calendar of Events:

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Council meeting	◆	◆	◆		◆	◆		◆	◆	◆
Newsletter/Social Media		◆		◆		◆		◆		◆
Open house	Meet the teacher			Winter concert					Info nights, play	
Weekly pizza	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
FlipGive/Mabels Labels	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bingo	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Other fundraiser (Student Led Sales)			◆							
Family activity	Movie night		Movie night		Movie night	Multicultural		Movie night		Fun Fair
Parent speakers		◆			◆			◆		
Student speakers		◆						◆		
In-school events			Flip Give			Read-a-thon				Grade 8 grad
Teacher appreciation	Gift baskets									

Roles

School Council is made up of both members and volunteers. Roles include:

Executive committee

- Principal (non-voting)
- Chair (non-voting)
- Treasurer
- Communications Officer
- Secretary

Council voting members

- 9-17, including Executive committee voting members
- Teacher, Community Rep
- Minimum 1 WRAPSC rep
- Subcommittees must have at least 1 council member involved

Subcommittee leads and volunteers

- Pizza lunches
- Fun fair
- Bingo
- In-school student events
- Movie nights
- Multi-Cultural Night
- Speaker series
- Grants
- Teacher appreciation
- *Student-Led Sales*
- *Ad hoc special projects*

2021-2022 Council Membership

Principal: Vinay Tiwari
Vice Principal: Shemira Sheriff
Teacher representative: Bibi Corbeil / Cora Wilson
Community partner: Kim Fowler, Fiddlesticks Community Centre

Parent volunteers who have indicated an interest in joining Council:

Alana Bowering	Jennifer Sime (Communications)
Alanna Rand (Secretary)	Jocelyn Jarvis
Amanda Strickland	Linzi Dalton
Asra Baig	Morin Thavaesa
Dawn Mills	Shona Majuery
Hayley Hamilton	Tina Beier
Jackie Fraser (Chair)	Wendy Bowman
Jennifer Butler	Zac Jones (Treasurer)
Jennifer Hendry-Lynn	

School Update -

Mr. Tiwari

Budget Proposal and Investment Allocations -

Alanna Rand



Financial guiding principles for Council

- ❑ **develop a neutral budget** each year in September for the current school year. The budget will plan to reinvest all funds raised back into the school in the year that they are received.
- ❑ **invest any projected surplus** over \$2,000 before the end of the school year.
- ❑ **minimize any projected deficit** greater than \$2,000 first by fundraising, and then by reassessing any uncommitted spending for the remainder of the school year to find savings
- ❑ **hold a \$0 balance** by the end of the school year. A small balance of up to \$2,000 will be deemed acceptable.

**2021/2022
DRAFT
School
Council
Budget**

Fundraising plans for 2021/2022:

Revenue Opportunity	Assumption	Plan (\$000s)
Balance carryover	26k balance less 1k targeted donation to be returned	25.0
Pizza (net profit)	Beginning in November @ 1,000/month for 8 months	8.0
Bingo	Beginning in November @ 500/month for 10 months	5.0
Grants	PC Financial Grant (\$8k), Workplace grants (\$1k), Other (\$0.5)	9.5
Fundraising	FlipGive \$500 (similar proceeds to 2020/2021)	0.5
Events (net profit)	No events held in 2021/2022 school year	0
Spirit wear (net profit)	Sales revenue used to offset cost for families	0
TOTAL FUNDS AVAILABLE		\$48.0

\$48,000 would be split as:

- Cash (unrestricted use): \$6k carryover + \$8.5k new = \$14.5k
- Bingo (restricted use): \$19k carryover + \$5k new = \$24k
- WEFI (restricted use): \$0 carryover + \$9.5k new = \$9.5k

MOTION: To approve the \$48,000 fundraising plan as presented.

2021/2022

DRAFT School Council Budget

\$48,000 projected funds:

- Cash: \$6k carryover + \$8.5k new
- Bingo: \$19k carryover + \$5k new
- WEFI: \$0 carryover + \$9.5k new

Investment plans for 2021/2022: \$23,000 in funds already committed, \$25,000 remaining to be allocated

Investment Opportunity	Funding Source	Assumptions/Comments	Amount (\$000s)
Technology 1-1 goal	Bingo carryover (11.5k), Cash carryover (1.5k), Bingo new (3k)	13k prior year commitment, 3k committed annually. No longer permitted by the Board.	16.0
Traverse wall	Bingo carryover (7.5k), Cash donation carryover (1.5k)	Pending Board approval.	9.0
Nutrition for learning	WEFI new (8.0)	PC Financial Grant (pending)	8.0
Outdoor playground	Cash carryover (3k)	Surplus after completion of project. To be reallocated to another initiative.	3.0
Student support	Cash new (2.5k)	Annual commitment	2.5
Speaker series	Cash new (2.5k)	Annual commitment	2.5
Council admin	Cash new (1k)	Annual commitment	1.0
TOTAL COMMITTED		42.0 - 16.0 Technology - 3.0 playground = 23.0	

Funds remaining: \$7.0k Cash + \$16.5k Bingo + \$1.5k WEFI/Grants = \$25.0k

2021/2022

DRAFT School Council Budget

\$25,000 in funds remaining:

- \$7.0k Cash
- \$16.5k Bingo
- \$1.5k WEFI/Grants

Options to invest remaining \$25,000:

Opportunity	Description
HEPA filters	One-time only cost Replacements would be reassessed for approval
Bathroom updates	One-time cost only
Grade 8 graduation	New annual commitment Graduation spirit wear
Other?	

Conversation to continue next meeting.

Subcommittee volunteers -

Jackie Fraser

Initiatives that require sub- committee chairs / volunteers

Initiative	Duties	Volunteer
Pizza days	Advertise and collect pizza order payments via School-Day Order pizza and arrange delivery Secure and coordinate volunteers in school to hand out pizza	
Bingo	Secure and coordinate volunteers for shifts at Bingo hall	Jackie Fraser
Grants	Research and apply for grants to support school / Council initiatives	Jennifer Hendry-Lynn
Speaker series	Secure and coordinate speaking engagements targeted to school parents and/or students Schedule speaking engagements and advertise to school community	
WRAPS-C	Attend monthly WRAPS-C meetings Provide updates to School Council at Council meetings	Amanda Strickland
Teacher appreciation	Coordinate 'Sunshine Days' where parents supply snacks for teachers/staff	
Brain-a-thon	Plan and host Read-a-thon and Math-a-thon for students Arrange method for students to track progress and participation Coordinate and collect participation fee via School-Day Secure and distribute prizes	
Spirit Wear	Perform an RFP to secure a spirit wear producer/distributor Arrange orders via School-Day Coordinate delivery of the Spirit Wear	

Conversation to continue next meeting.

Thank you!

