

Education for the 21st Century



A New Facility in Dundas: The Best Business Case that also meets Program Requirements

All Students Achieving Their Full Potential * Achievement Matters * Engagement Matters * Equity Matters

The Numbers

- Maintenance Needed over 10 years:
\$20 000 000+
- Immediate Upgrades required:
\$5 000 000+

A Facelift Won't Work

- With additional students in this building, we simply will not be able to accommodate science or P.E. classes – we don't have the space.
- We need new electrical systems throughout the building.
- There are irreparable problems like the leaky roof.
- The boiler and heating system are so antiquated, we wear parkas in one room and t-shirts in the next.
- Why throw good money after bad?
- With a new school to accommodate additional students, and our specialized programs, we will undoubtedly attract even more students from the entire Dundas population – more students means more money for program – it is a win-win.

Program Needs Overview

- **21st Century Fluencies** – need a building for today’s educational needs
- **Academic Excellence** – need a building for our diverse educational needs
- **Specialty Programs**
- **Specialty Co-curriculars**

21st Century Fluencies

- **Digital workspaces** – retro-fitting is not enough
 - wiring - most classrooms only have two outlets –
 - space – very crowded and inappropriate space
 - air-conditioning - killing computers
- **E-learning courses** – need new spaces for students to work independently using technology
- **Presentations and collaboration** – need spaces for multi-media presentations to small and large groups, more spaces for small group collaboration



**An out-dated, crowded computer lab in
need of air-conditioning**

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Academic Excellence

- Science labs were built for an occupational school (for two year programs) – senior courses were first offered in the 1980's - not properly outfitted for academic, university-bound students. 70% of our students are bound for post-secondary.
- Will also need more labs when we have more students – currently, the physics lab is just a classroom and even now, sometimes we use a cramped, tiny room (the old staff dining room) for a small science class.



A retro-fitted, insufficient science lab

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Academic Excellence

- Need a larger Learning Resource space that allows for quiet testing spaces, individual and small group working spaces, computer usage, and private meeting offices – increasing numbers of students need accommodations. Almost 20% of our population uses one small classroom.
- Will need two spaces for alternative education classrooms that are different from the traditional classrooms – Strive WEST (alter ed.) and the Comprehensive Class (both currently at Parkside)

Academic Excellence

- Drama room inadequate – an old sewing classroom, again already retrofitted – cannot use as performance space – no lighting or outfitting for tech (asbestos)

Specialty Programs – SHSMs

Arts and Culture (Visual Arts and Music)

- **Music needs an auditorium** – currently we rent Redeemer for concerts to allow the students to be heard properly
- **Visual Arts needs enclosed computer labs within the art classrooms** for our newly-acquired SHSM computers

Specialty Programs – SHSMs

Manufacturing (CAD/CAM)

- **needs specialized spaces for new equipment** (CNC plasma cutter, router) that has been acquired
- needs new wiring, breakers
- needs concrete floor (welding certification)
- Like art, needs an enclosed computer lab space within the room



The manufacturing space (above) – needs a concrete floor and more enclosed space for machines (similar to the lower picture)

Specialty Programs – SHSMs

Information Communication Technology (ICT)

- **needs more power for equipment** - current lab shuts down with any kind of thunderstorm
- needs special wall (cyclotron) installed for broadcasting
- needs lighting grid (cannot install in current space)

Specialty Co-curriculars

- Music – again, the auditorium for Winter and Spring concerts and our SHSM students
- Drama – again, the drama space is inadequate for any performance (Sears)
- Art – needs a display space to not interrupt the gym classes – we need more than one gym...

Specialty Co-curriculars

Physical Education

- **Gym Space** – not enough with one gym – classes are constantly being bumped for assemblies and not enough space for team practices – we have three simultaneous gym classes as is – with more students, we will not be able to provide program. The community also uses the gym, limiting our access during evenings and during the day.

Specialty Co-curriculars

Physical Education

- **Fitness Centre** – we have a great fitness program that uses an inadequate space above the gym – not appropriate for the equipment – very noisy with P.E. classes going on below



**The gym with two classes on the floor and
the fitness area above**

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Specialty Co-curriculars

Co-curriculars

- **Track** – needs to be significantly upgraded - best track program in the city. Need more than a cart path for our elite athletes. We host elementary feeder school track and field meets.
- **Field** – needs to be upgraded – used by our City Champion Football Team, soccer teams, phys-ed. and the entire community.

Dundas Students Need a New Facility

- When we amalgamate the entire Dundas population into one building, we need to have a new space. A retro-fit/facelift will not allow us to meet our students' needs.
- Thank you to the ARC committee for the endless hours you have invested on behalf of our students and for recommending a new facility for the Dundas Community – this is a necessary recommendation, both fiscally and educationally.