

Staff Brainstorming Related to Facilities

Submitted by Widdifield Secondary School Staff

We are asked to provide input into a school of 1500 in regards to facilities. Our notes below, reflect that request.

Phys Ed facilities

- Facilities – 4- 5 gyms (Grade 7 and 8 included)
- Dedicated fitness area
- Change rooms/ shower rooms – Grade 7-8 change rooms and then Grade 9 – 12 change room - multiple change rooms
- Equipment rooms for each gym
- Official change room that could also be used as a Gender Neutral Change room
- Field house – for equipment storage
- Outdoor teaching area – ie classroom outside
- Field – turf field, rubberized, separate grass practice facility, lights, bleachers, covered facility could be rented out, class use all year round, OFSAA hosting potential
- Phys Ed co-ed Phys ed office – visual of gym
- Ceiling clearance – for games and fans
- Audio system and cameras for security and live feeds for OFSAA and practice tapes.
- Require renewed equipment to run programs

Extra Curricular

- Uniforms, team name
- NDA concern – it would take away 2 schools from the loop, NDA would have to re-do their constitution to possibly allow development teams
- More sports being offered during year – dependent on coaches and facilities.... Need multiple fields for lacrosse and soccer or rugby and football
- Individual school awards – Honouring the past athlete’s accomplishments from each school
- OFSAA hosting potential in state of art facilities.
- Tournament potential for money for the school
- Travel costs could increase.... Tournament
- Fees for students could be higher
- Late transportation will increase due to larger catchment area.

Media Arts/ Film

Facilities

- MAC -29 computers – teaching space
- Stand up work stations with projector and stereo equip
- Dark Room for traditional photography and silk screen production

- Studio space for film with mezzanine for Direction and live camera switching (Double as recording studio)
- Secure storage
- High ceilings
- Recording studio – sound proof booth for recording, engineering desk, glass windows for direction,
- Separate space for independent projects – 3 MAC PROs with monitors

Equipment

- 28 IMACS and teacher IMAC
- stereo, projector, screen or wall – wide format
- colour printer – high capacity and definition
- Dark room – needs space for enlargers, running water, power
- Studio space – lighting overhead and on ground, green screen floor and wall
- White backdrop – photography
- Portable green screen
- Portable lighting
- 5 -6 high definition video cameras
- 10 Digital still cameras
- 20 traditional film cameras
- tripods, dollies, steady cams, boom mics, wireless mics

Visual Art

- Larger space, high ceilings, natural light
- Art desks
- Collaboration areas
- Kiln
- Easels and display areas
- Storage
- Sinks
- Space for static displays

Theatre within a Performing Arts Hub

- Essential that the space is accessible for the public through a separate entrance with a box office or entry
- Capacity of 500-800
- Ensure that there is board funding for consumable items like projector bulbs, seating repairs, screen repairs
- Black Box theatre space with moveable seating
- Garage doors for theatre
- Lighting room
- Costume space shared with dance

Dance Studio within a Performing Arts Hub

- 2 dance studios
- One with the floor size of the theatre stage
- Changerooms for both genders and one gender neutral
- Sprung floor
- Costume storage shared with drama

Music room within a Performing Arts Hub

- 2 music classrooms with shared office space between the two rooms – glassed in office to supervise two classes
- Tiered seating
- Space for percussion
- 10 Practice rooms (6 individual and 4 ensemble with piano) attached to instructional space for teacher supervision - has glassed doors and sound proof
- Storage for instruments - instrument locker system
- Instrument cleaning stations - spread out
- Music storage units
- Stereo and TV, projection, built in wired speakers
- Streaming capability for performances in the theatre

Student Success/Resource Hub

- Center of the school
- Computers
- Accessible learning devices

Science

Facilities/Equipment

- 8 labs
- storage in each of the labs (2 chemistry, 2 biology, 2 physics, 2 generic)
- fume hoods in each lab
- properly ventilated cabinets for bio and chem
- teacher space for collaboration – separate from classroom area
- electrical outlets need more
- data projectors into classes
- all labs on the same floor
- several fridges, dishwasher
- chem prep area in the center of two chem labs – fridge and dishwasher
- computer lab in the area
- climatorium, aquarium, incubator
- access from the classroom to outdoor
- greenhouse
- Healthcare lab
- Living Wall

Technology studies

Hospitality

- State of art culinary equipment
- Gas appliances
- Dining room
- Instructional area
- Windows for supervision
- 3 sinks and industrial dishwashers
- Deep fryer, convection oven
- 3 stoves
- Stackable washer and dryer
- 2 walk in freezer and refrigerator
- Dry storage space
- Commercial sink – sprayer
- Stainless steel countertops
- Portable demonstration table
- Portable steam tables
- Catering equipment
- Access to servery for cafeteria to provide meals for students
- Parking for teaching staff close to class for deliveries.

Aesthetics

- Proper chairs for aesthetics
- Multiple sinks
- Hair dressing sink
- Mirrors
- Washer and dryer
- Storage
- Eye wash station

Construction

- Ventilated
- All equipment from current shops
- Power from ceiling
- Garage doors
- High ceilings
- Storage
- Classroom area
- Specialized shelving for wood
- Student project lockers
- Work tables that are moveable

- Portable whiteboard – roll up and down
- Shelving and storage for protective gear

Automotive

- 2 bay doors
- Car washing and detailing station
- Welding booth – protective guard
- 3 hoists
- Student work lockers
- Instructional space
- Storage and shelving
- All current equipment from auto shops

Design

- Computer stations for Auto CAD
- Drafting tables
- Proper lighting
- Blue print equipment
- Storage space
- Collaboration space

Fashion Design

- Individual sewing table that are portable
- Central area measuring and cutting
- Demo table
- Electrical outlets throughout the space
- Surger area
- Ironing space
- Washer and dryer
- Fashion forms display area
- Student design lockers
- Class desks in instructional space
- Cluster desks for collaboration
- Sink

TIL/SIP/SSC/ICC

- For Toward Independent Learning (TIL) - Do not want a wing of the school. Want TIL to be in "regular" program area, SIP and ICC/SCC may need to be in more contained section of the school
- TIL- 5 classes
- SIP – 2 classes
- ICC/SCC - 1-2 classes

- Require Kitchen facilities for TIL and SIP/ICC/SCC
- Dedicated employment working space
- Prep space for EAS, teachers to collaborate and have team meetings
- Snoezelen Room
- Wheelchair accessible, lift, shower
- Physical Therapy spaces
- Computers and smart boards
- Flexible seating and tables
- Laundry area
- Lockable cupboards
- LED lighting

School Store

- Centrally located
- Refrigerator
- Storage
- Cash register

IT Considerations

- Labs for Business courses
- Floating labs throughout the building for sign out
- Department labs
- Library lab – for classes to sign out and then for MSIP students and others to use
- Every student to have their own board issued device
- Projectors in each classroom built into the wall with white boards
- Printers throughout the school
- IP Phones in each class
- TV's with Apple TV and streaming capabilities
- Ensure stable network
- Photocopying centers in teacher work spaces
- Air conditioning in computer labs
- Charging stations throughout the school

Cafeteria

- One for Grade 7-8 and another for High school
- External RFP vs Internal school programming through hospitality
- Flexible seating so the space could be used for community or school use.

Courtyard Space

- Enclosed as Chippewa and Widdifield currently has
- Moved greenhouses and gazebo
- Move plants and flowers

- Expand vegetable garden for hospitality program
- Localized commemorative space to honour each of the three gardens coming together
- Honouring the First Nations lands in the garden with a Three Sisters garden, indigenous art, blessing of the space

General

- TRC in the school
- Child Development Counsellor (CDC) in the main office with comfortable student seating
- Police Liaison office in the main office area
- Community Use - Theatre Out Reach On Stage (TOROS), Dreamcoat, Robotics, Dance troupes, Symphony, Daycare
- Indigenous and Aboriginal Student Links learning space
- Prayer and meditation room
- Teacher workspaces throughout the school – no department offices
- Meeting spaces for Case conferences and Identification, Placement Review Committees (IPRCS)
- Faculty washrooms throughout the school
- A few classrooms configured like university/college classrooms with tiered seating, projection screen at the front, charging stations at the seats
- Swipe Card for staff entry – buzz in for guests, parents
- Desks and Chairs not attached – collaborative space in each class
- Lockable cupboards and desks in each class
- Ensure that every class is built of 30 students and wheel chair access
- Electrical outlets throughout the class
- LED lighting throughout the school
- Solar power capability – learning opportunity for students
- Water filters throughout the school
- Lockdown spaces - concern if everything is glass - visual flashing lights for fire alarm and lock down