

1.00 Administration

EQUIPMENT NAME

NEW / EXISTING

EXISTING ITEM NUMBER

CATEGORIES

A Owner Supplied, Design-Builder Installed

B Owner Supplied, Owner Installed

C Design-Builder Supplied, Design-Builder Installed

1.01 Waiting Area / Admin Entry

1.02 Reception Counter & Work Station

Sit and Stand Desk Attachment
Desktop computer with monitor

EXISTING
NEW

Phone

NEW

1.03 Open Office Area

Work Station (clerical) - Sit and Stand desk

NEW

Sit and Stand Desk Attachment
Desktop computer with monitor

EXISTING
NEW

Phone

NEW

Computer Monitor

NEW

Work Station (Finance mgr)

NEW

Sit and Stand Desk Attachment
Laptop computer

EXISTING
NEW

Laptop dock

NEW

Phone

NEW

Computer Monitor

NEW

Countertop Copier/Printer

EXISTING - LEASE

1.04 Principal

Work Station - Sit and Stand Desk	NEW
Laptop computer	EXISTING
Laptop dock	NEW
Computer Monitor	NEW
Phone	NEW
Printer	EXISTING

1.05 Vice-Principal

Work Station - Sit and Stand desk	NEW
Laptop dock	NEW
Laptop computer	EXISTING
Computer Monitor	NEW
Phone	NEW
Printer	NEW

1.06 Teacher Prep

Phone	NEW
Work Station	NEW
Laptop	EXISTING
Undercounter Refrigerator	NEW
Photocopier / Printer / Scanner	EXISTING

1.07 Accounting Office

Work Station - Sit and Stand desk	
Computer Monitor	NEW
Laptop dock	NEW
Phone	NEW

1.08 Staff Mail Boxes

1.09 Work Room

Photocopier / Printer / Scanner	EXISTING
Phone	NEW
Paper shredder	EXISTING
Work tables	New

1.12 Medical Room

Cot	NEW
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1.13 Storage Room

1.14 Itinerant Staff Locker Room

Lockers

NEW

1.15 Staff Room – Work Room / Lounge

1.16 Staff Room – Kitchen

Microwave

NEW

Refrigerator

EXISTING

HCR 101

Kettle

NEW

Toaster

NEW

Toaster Oven

NEW

Coffee Maker

NEW

Coffee Grinder

NEW

Phone

NEW

1.17 Dead File Room / Archives

Multi-tiered storage

NEW

Filing Cabinets - 4 drawer

EXISTING

A	1	See Comments	110	
B	1		110	
A	1		110	YES
A	2		110	YES
A	1			YES
A	1		110	YES

A	1	See Comments	110	
A	1		110	YES
B	1		110	YES
A	2		110	
A	1			YES
A	1		110	YES

A	1			YES
A	4		110	
B	4		110	YES
C	1		110	
A	1		20 Amp	YES

A	1		110	
A	2		110	
A	1		110	YES
A	1			YES

A	1		20 Amp	YES
A	1			YES
A	1		110	
B	1			

A	1			
---	---	--	--	--

Refer to Schedule 1 - Statement
 of Requirements

C

C

1

YES

A

1 Frigidaire

GLRT214TCB5

110v-120v

B

1

YES

B

1

YES

C

1

YES

B

1

YES

B

1

YES

A

1

YES

C

1

A

2

SIZE

WEIGHT

COMMENTS

Attaches direct to work station
https://www.amazon.ca/gp/product/B0076O1N0Y/ref=ppx_yo_dt_b_asin_title_o06_s00?ie=UTF8&psc=1
For computers, owner installed is set up and plugged in. District will image the machines.
VOIP - cat 6 throughout building.
All switches fibre back bone end to end, no copper, 10g fiber

General office stations as systems furniture. Sit and Stand attachments existing.
Attaches direct to work station
https://www.amazon.ca/gp/product/B0076O1N0Y/ref=ppx_yo_dt_b_asin_title_o06_s00?ie=UTF8&psc=1

Located nearest the accounting office
Attaches direct to work station
https://www.amazon.ca/gp/product/B0076O1N0Y/ref=ppx_yo_dt_b_asin_title_o06_s00?ie=UTF8&psc=1
For finance manager to go between office and open area

22" L x 22" w x 24"H

Desk mounted - Leased via Konica Minolta

L shape max model

https://heartwooddl.com/media/layouts/brochures/HT-ADJ-Layout_5.pdf

40" depth, 60" W, 64"H

To be provided in (1) of the upper floor work rooms.
This is the copier currently in existing library work room.

L shape max model

https://heartwooddl.com/media/series/brochures/HDL_CALYPSO_EN.pdf

40" depth, 60" W, 64"H

Measurements for size are with accessories folded out or open

25" depth, 22" W, 34" H

Single

1500W
69.5"x30.25"x32"

1830L x 450D x 1830H

Industrial-grade, 500lb / shelf

2.00 Counselling

EQUIPMENT NAME

NEW / EXISTING

EXISTING ITEM NUMBER

CATEGORIES

A Owner Supplied, Design-Builder Installed

B Owner Supplied, Owner Installed

C Design-Builder Supplied, Design-Builder Installed

2.01 Meeting Room

TV	NEW
Microwave	EXISTING
Undercounter Refrigerator	NEW
Kettle	EXISTING
Coffee Maker	EXISTING

2.02 Waiting Area

2.03 Counselling Offices

Phone	NEW
Sit and Stand desk	NEW
Monitors	NEW
Laptop	EXISTING
Laptop dock	NEW

2.04 File Area

Filing Cabinets	EXISTING
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2.05 Career Flex Room

TV	NEW
External Speakers Soundbar	NEW
Desktop computer with monitors	NEW
Photocopier	EXISTING - LEASE
Workstation	NEW
Sit and Stand Desk Attachment	EXISTING

Desktop computer with monitor	EXISTING
Phone	NEW

2.06 Career Office

Sit and Stand desk	NEW
Desktop computer with monitor	NEW
Phone	NEW

Careers Clerical

Part of Career Flex Room

Counselling Clerical

Part of Career Flex Room

Workstation	NEW
-------------	-----

Sit and Stand Desk Attachment	EXISTING
Desktop computer with monitor	EXISTING
Phone	NEW
Countertop Copier/Printer	EXISTING - LEASE

CATEGORY	QUANTITY	BRAND	MODEL NUMBER	ELECTRICAL	DATA	MECHANICAL	PLUMBING	SIZE	WEIGHT
----------	----------	-------	--------------	------------	------	------------	----------	------	--------



A	1			110	YES			85"	
A	1			110					
C	1			110					
B	1			110					
B	1			110					



A	1				YES				
A	1			110					
A	2			110					
B	1								
A	1								



A	10								
---	----	--	--	--	--	--	--	--	--



A	1			110	YES			85"	
A	1	Bomaker		110					~20 lbs
A	4			110	YES				
B	1			110	YES			55"long, 49"depth, 61" height	
A	1								
B	1			NO	NO				

A	1	110	YES
A	1		YES

A	1	110	
A	1	110	YES
A	1		YES

A	1			
B	1	NO		NO
A	1	110	YES	
A	1		YES	
B	1	110		YES

22" L x 22" w x 24"H

COMMENTS

Wall mounted

https://heartwooddl.com/media/series/brochures/HDL_CALYPSO_EN.pdf Model that is 84" long x 84" Long (L shape) both pieces with 30" width. Black legs - hard rock maple colour top

Wall Mounted

[Required only if ceiling speakers removed as scope ladder item.](#)

[LINK TO PRODUCT](#)

All measurements with attachments open

Attaches direct to work station

https://www.amazon.ca/gp/product/B0076O1N0Y/ref=ppx_yo_dt_b_asin_title_o06_s00?ie=UTF8&psc=1

https://heartwooddl.com/media/series/brochures/HDL_CALYPSO_EN.pdf Model that is 84" long x 84" Long (L shape) both pieces with 30" width. Black legs - hard rock maple colour top

Attaches direct to work station

https://www.amazon.ca/gp/product/B0076O1N0Y/ref=ppx_yo_dt_b_asin_title_o06_s00?ie=UTF8&psc=1

Desk mounted - Leased via Konica Minolta



3.00 General Storage

EQUIPMENT NAME

NEW / EXISTING

EXISTING ITEM NUMBER

CATEGORY

CATEGORIES

A Owner Supplied, Design-Builder Installed

B Owner Supplied, Owner Installed

C Design-Builder Supplied, Design-Builder Installed

3.01 Text Book Storage

Multi-tiered shelving

NEW

C

3.02 Housekeeping Storage

Multi-tiered shelving

NEW

C

3.03 Learning Community Storage

Multi-tiered shelving

NEW

C

Laptop storage / charging cart

NEW

B

3.04 Misc. Storage

Multi-tiered shelving

NEW

C

QUANTITY	BRAND	MODEL NUMBER	ELECTRICAL	DATA	MECHANICAL	PLUMBING	SIZE	WEIGHT
4							2400L x 450D x 1830H	
1							2400L x 450D x 1830H	
1							1800L x 450D x 1830H	
1			YES					
1							room width x 450D x 1830H	

COMMENTS

Industrial-grade, 500lb / shelf

Industrial-grade, 500lb / shelf

Industrial-grade, 500lb / shelf

This represents storage for the laptop cart only. The laptop cart and laptops are listed in 22.02

Industrial-grade, 500lb / shelf

4.00 GYMNASIUM ACTIVITY SPACE

EQUIPMENT NAME

NEW / EXISTING

CATEGORIES

A Owner Supplied, Design-Builder Installed

B Owner Supplied, Owner Installed

C Design-Builder Supplied, Design-Builder Installed

4.01 Gym A

Presentation / Scoreboard screen	NEW
Analog Scoreboard for games when divider up (not featur	NEW
Sound System	NEW
Touch screen display for Audio/visual above	NEW
Retractable basketball standards	NEW
24 second shot clocks for basketball	NEW
Volleyball game standards & net & safety pads	NEW
Badminton Posts and Nets	NEW
Benches	NEW
Scoreboard Table	NEW

4.02 Gym B

Scoreboard - Analog	NEW
Retractable basketball standards	NEW
Basketball game clock & shot clocks	NEW
Volleyball game standards & net & safety pads	NEW
Volleyball Referee Stands	NEW
Volleyball Referee Stand Pads	NEW
Benches	NEW
Badminton Posts	NEW

Archery net hanger to accommodate net for arrow backdrop EXISTING

4.03 Fitness Room

TV	NEW
Sound System	NEW
Elliptical	NEW
Treadmill	NEW
Exercise Bikes	EXISTING
Spin Bikes	NEW
Erg Machine	NEW
Dual Leg Extension/Leg Curl Machine	NEW
Hack Squat Machine	EXISTING
Functional Training Machine	EXISTING
Sitting Leg Press Machine	EXISTING
Lat Pulldown / Seated Row machine	EXISTING
Supine Leg Press Machine	EXISTING
Preacher Curl Machine	EXISTING
Bench Press	EXISTING
Bench Press	NEW
Free Weight Stands with Weights	EXISTING stands, NEW free weights
Rubberized Dumbbells	NEW
XM Fitness HD bumper plate	NEW
Exercise Mats 6 feet long with hanger	EXISTING
Exercise Balls	EXISTING
Kettle bells	EXISTING
Free Weight Stands with Weights	EXISTING
Multi Hip Machine	EXISTING
Power lifting Rack	NEW
Power Lifting Platform	NEW
Tricep Dip/Mounted Leg Raise	NEW
Plate Rack	EXISTING
Seated Benches	EXISTING
Seated Benches	NEW
Aerobic Steps	EXISTING

Barbell Rack	EXISTING
Weighted Ball Rack and balls (4-8kg)	EXISTING
Free Weight Stand Square	EXISTING
Plate Tree	NEW
Swiss balls	EXISTING

4.04 Bleacher Stacking Area

EXISTING ITEM NUMBER	CATEGORY	QUANTITY	BRAND	MODEL NUMBER
	A		1 via digitaledgemedi.ca - 790 405-8432 Will Stranks	
	A		1	
	A		1 via digitaledgemedi.ca - 790 405-8432 Will Stranks	
	A		1 via digitaledgemedi.ca - 790 405-8432 Will Stranks	
	C	Refer to Schedule 1 - Statement of Requirements		
	C	Refer to Schedule 1 - Statement of Requirements		
	A	2 sets	Sport Imports	
	B		Lolimpin	bad1023, bad1024
	B		4	
	B		2	
	A		1	
	C	Refer to Schedule 1 - Statement of Requirements		
	C	Refer to Schedule 1 - Statement of Requirements		
	A	2 sets	Sport Imports	SI1
	A		2 lolimpin	VB1053
	B		2 lolimpin	LO764SP
	B		2	
	B	See Comments	lolimpin	bad1023, bad1024

	A		1	
	A		1	
	B		1	
	A		1 Octane	Q35x Elliptical
	A		1 Precor Fitness	TRM223 Treadmill
HCR item 132, 133,134,135	A		4 1 Kelser, 3 Lemond	
	A		4 1000IC Indoor Cycle - Fitway Equipment	
	A		1 ProForm	750R Rower
	A		1 Element Fitness	Dual 9019
	A		1	
	A		1	
	A		1	
	A		1	
	A		1	
	A		1	
	A		1 Element Series Flat Olympic Bench	
	A		3	
	A	See Comments	Rogue Rubber HEX dumbbells	
	A	Multiple, see comments	XM Fitness	
	A		30	
	A		20	
	A		16	
	A		3	
	A		1	
			SPR 500 Back Commercial Extended Half Rack - Body Slide or	
	A		2 SPR 1000BACK Commercial Extended Power Rack	
	A		1	GPR400 Power Rack
	A		1 Body Solid	GKR82 Vertical Knee Raise, Dip, Pull
	A		1	
	A		4 (non adjustable benches more durable)	
	A		2 Titan	Seated Stationary Benches
	A		10	

A		1
A	1 Rack, 15 balls	
A		1
		SWT1000 Pro Clubline Weight Tree - BodySolid or CF-3444 4
A		2 Sided Weight Tree
A		17

ELECTRICAL	DATA	MECHANICAL	PLUMBING	SIZE	WEIGHT
------------	------	------------	----------	------	--------

YES	yes			176" diagonal 152"wide 91" height	
-----	-----	--	--	-----------------------------------	--

Yes	yes				
-----	-----	--	--	--	--

YES					
-----	--	--	--	--	--

YES	yes				
-----	-----	--	--	--	--

YES					
-----	--	--	--	--	--

110 YES

3.6m long

Yes	yes				
-----	-----	--	--	--	--

YES					
-----	--	--	--	--	--

110 plus data



110 YES

85"

110

YES

110

1220 x 610 x 1220

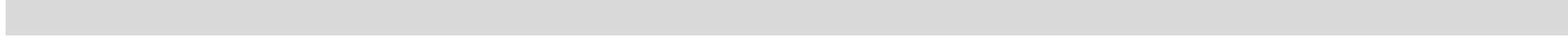
YES

YES

See Comments

See Comments

150kg



COMMENTS

Unit is front serviceable

Plug and play audio (DSP providing feedback free mic use, power sequencing, clear speech fidelity)
Touch screen control for system on/off and input selection - Needs in wall security box. Lockable

<https://www.sportsimports.com/indoor-volleyball/carbon-net-systems/hybrid-carbon-upright/>

On digital screen

<https://www.sportsimports.com/indoor-volleyball/carbon-net-systems/hybrid-carbon-upright/>

To be stored in 35m² Storage Room

To be stored in 35m² Storage Room

To be stored in 35m² Storage Room

Quantity depends on layout of gym and where badminton lines are

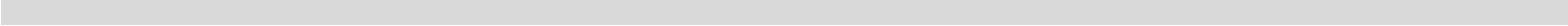
To be stored in 35m² Storage Room

Wall Mounted

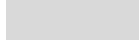
Portable block rocker type unit that can be moved to inside or outside.

2 pairs x 5lbs, 4 pairs x 10lbs, 4 pairs x 15lbs, 2 pairs x 12lbs, 3 pairs x 15lbs, 4 pairs x 20lbs, 3 pairs x 25lbs, 2pairs x 30lbs, 2 pairs x 35lbs, 2 pairs x 45, 2 pairs x 50lbs, 1 pair x 55, 1 pair x 60, 1 pair x 65, 1 pair x 70
4x10lbs, 4x25lbs, 4x35lbs, 6x45lbs

Storage of items is to be confirmed by Owner







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5.00 Gymnasium Ancillary Space **EQUIPMENT NAME** **NEW / EXISTING** **EXISTING ITEM NUMBER**

CATEGORIES

- A** Owner Supplied, Design-Builder Installed
- B** Owner Supplied, Owner Installed
- C** Design-Builder Supplied, Design-Builder Installed

5.01 M Change Room

Lockers NEW

5.02 F Change Room

Lockers NEW

5.03 GN Change Room

Lockers NEW

5.04 Staff Work Room

Phone NEW
 Mini refrigerator EXISTING
 Coffee Maker EXISTING
 Ice machine EXISTING
 Kettle EXISTING
 Workstations NEW
 Laptops EXISTING
 Stand up freezer NEW Similar to HCR item 107

 Lockers NEW

5.05 Team Storage

Multi-tiered shelving NEW
 Two-level hanging rod NEW

Single-level hanging rod NEW

5.06 Gym Equipment Storage

Mats - Crash pads EXISTING
Multi-tiered shelving NEW
Multi-tiered shelving NEW
BB Shooting machine EXISTING
Rugby tackle bags EXISTING
Rugby Post pads EXISTING
Hockey Nets EXISTING
4 large Ball Cages EXISTING
4 ball racks EXISTING
Archery Butts (in cage for safety) EXISTING
VB Pole Mats EXISTING
Ball Pumps NEW

5.07 Laundry

Washer NEW
Dryer NEW

5.08 GN Toilet Room

5.09 GN Locker Space

Lockers NEW

CATEGORY	QUANTITY	BRAND	MODEL NUMBER	ELECTRICAL	DATA	MECHANICAL	PLUMBING
C	Refer to Schedule 1 - Statement of Requirements						
C	Refer to Schedule 1 - Statement of Requirements						
C	Refer to Schedule 1 - Statement of Requirements						
A	1				yes		
A	1						
B	1						
A	1						YES
B	1						
A	5			110			
A	5			110			
C	1	Frigidaire		110			
C	Refer to Schedule 1 - Statement of Requirements						
C	See Size						
C	See Size						

C See Size

A 2

C See Size

C See Size

A 1

A 8

A 4

A 6

A 4

A 4

A 4

A 4

A 2

110

C 1

YES

YES

C 1

YES

Ventilation

C Refer to Schedule 1 - Statement
of Requirements

SIZE

WEIGHT

COMMENTS



15.5 cubic feet



9m long x 610d x 1830H

4.5m long

Industrial-grade, 300lb / shelf

4.5m long



At 35m² - 20m long x 610d x 2400H

Industrial-grade, 300lb / shelf

At 15m² - 9m long x 610d x 2400H

Industrial-grade, 300lb / shelf

1524mm

1830mm

Approximately 2.1m long



4.2 c.f. - Large capacity side by side, commercial-grade

7.0 c.f. - Large capacity side by side, commercial-grade



6.00 Learning Commons (Library)

EQUIPMENT NAME

NEW / EXISTING

EXISTING ITEM NUMBER

CATEGORY

CATEGORIES

A Owner Supplied, Design-Builder Installed

B Owner Supplied, Owner Installed

C Design-Builder Supplied, Design-Builder Installed

6.01 Circulation Desks

Phone	NEW	A
Desktop computer with monitor	EXISTING	A
Book Scanner	EXISTING	A
Desktop computer	NEW	A

6.02 Stacks

Bookshelves - Free standing	NEW	C
Bookshelves - Wall-based	NEW	C

6.03 Study Area

TV	NEW	A
External Speakers Soundbar	NEW	A
Counter top Copier/Printer	EXISTING - LEASE	A
30 laptops and a charge cart	NEW	A

6.04 Design Hub / Maker Space

Sewing machines	EXISTING	A
3D Printer	NEW	A
TV	NEW	A
30 laptops and a charge cart	NEW	A
External Speakers Soundbar	NEW	A
Ironing Boards	EXISTING	B
Iron	EXISTING	B
Work tables	NEW	A

6.05 Collaboration Rooms

TV

NEW

A

6.06 Computer Research

Desktop computer with monitor

NEW

A

6.07 Librarian Office / Work Room

Phone

NEW

A

Desktop computer with monitor

NEW

A

Work Station

NEW

A

6.08 Reading Lounge / Quiet Area**6.09 Secure Tech Equipment Storage**

Multi-tiered storage

NEW

C

Plug in for portable laptop storage cart

N/A

C

Charging area for ipad kits

N/A

C

QUANTITY	BRAND	MODEL NUMBER	ELECTRICAL	DATA	MECHANICAL	PLUMBING	SIZE
1				YES			
1				110	YES		
1				110			
1				110	YES		
							Xm x 1220H Xm x 1830H
1				110	YES		85"
1	Bomaker		110				
1	KONICA MINOLTA			110	YES		20" depth, 20" W, 28"H
30							
20				110			
1	Makerbot	Replicator+ PABH65		110	YES		16.5"x21"x18"
1				110	YES		85"
30				110			
1	Bomaker			110			
5							
8				110			
8			110 - see comments				

1

110

YES

85"

6

110

YES

1

YES

1

110

1

110

YES

1

110

3

110

1.8m long x 610d x 2400H

WEIGHT **COMMENTS**

For student use (catalogue searching)

See Appendix 1A(a) - Functional Program
See Appendix 1A(a) - Functional Program

Wall Mounted
[Required only if ceiling speakers removed as scope ladder item.](#)
[LINK TO PRODUCT](#)

~20 lbs

Machines to be stored in secure millwork

Wall Mounted
Single duplex for charging cart
[Required only if ceiling speakers removed as scope ladder item.](#)
[LINK TO PRODUCT](#)

~20 lbs

Seating for 30. Approximately 8 stations seating 4 per station, with power to each station

Moveable tables for use for maker space or textiles classrooms.

Wall Mounted

Commercial-grade, 300lb / shelf

This represents a space to store/charge the laptops listed in 6.03

This represents a space to store/charge ipads only, not the ipads/case themselves

QUANTITY	BRAND	MODEL NUMBER	ELECTRICAL	DATA	MECHANICAL	PLUMBING	SIZE	WEIGHT
1			110	YES				
1			110				176" diagonal	
1			110					
2			YES				1500w	
1			YES				21c.f.	
1			YES				21c.f.	
1			YES			YES	15c.f.	
2			YES				4-burner	
1			YES				21c.f.	
1			YES				2m long	
1			YES	YES				
1			YES		Vented			

COMMENTS

Motorized
For viewing of presentations in the MPR with people seated on Gathering Stair

Commercial Grade
Commercial Grade
Commercial Grade
Commercial Grade
Commercial Grade

Commercial Grade, over cooktop

8.00 Special Education / Inclusive Education

EQUIPMENT NAME

NEW / EXISTING

EXISTING ITEM NUMBER

CATEGORY

CATEGORIES

A Owner Supplied, Design-Builder Installed

B Owner Supplied, Owner Installed

C Design-Builder Supplied, Design-Builder Installed

8.01 Resource Room 1 - Skills for Life

8.01a Flex Area

TV	NEW		A
External Speakers Soundbar	NEW		A
Stackable Washer/Dryer	NEW		C
Phone	NEW		A
Desktop computer with monitor	NEW		A

8.01b Kitchen

Refrigerator / Freezer	EXISTING		HCR item 74 A
Stove	EXISTING		HCR item 76 A
Range hood	NEW		C
Microwave	NEW		C
Dishwasher	EXISTING		HCR item 75 A

8.02 Resource Room 2 - Learning Assistance Resource Rooms

TV	NEW		A
Laptops and charge cart	NEW		A
External Speakers Soundbar	NEW		A

8.03 Office

Workstations	NEW		A
Laptop	EXISTING		B

Phone NEW
 Printer NEW

A
 A

8.04 Change Room / WC

Powered accessibility lift NEW
 Adult sized changing table NEW

C
 C

8.05 Itinerant Room

8.06 Meeting Room

TV NEW
 External Speakers Soundbar NEW
 Conference Table NEW

A
 A
 A

8.07 Sensory Room

8.08 Testing Room

QUANTITY	BRAND	MODEL NUMBER	ELECTRICAL	DATA	MECHANICAL	PLUMBING	SIZE	WEIGHT
1			110	YES			85"	
1	Bomaker		110					~20 lbs
1			YES		Venting	Yes	4.2c.f. washer 6.0c.f. dryer	
1				YES				
1			110	YES				
1	Kenmore	970-618740	110v-220v				64"x29.75"x30"	
1	Kenmore	970C603220	220				27.5"x29-7/8"x28"	
1			YES		Venting			
1			YES				1500W	
1	Kenmore	63012219317	110v-220v			YES	34.5"x23.5"x23"	
1			110	YES			85"	
5			110					
1	Bomaker		110					~20 lbs
4			110	YES				
4			110	YES				

2			YES	
1			YES	

1		YES		
1				

1		110	YES	85"
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1 Bomaker		110		
1		YES	YES	

COMMENTS

[Required only if ceiling speakers removed as scope ladder item.](#)

[LINK TO PRODUCT](#)

ELECTRIC DRYER

RESIDENTIAL GRADE

RESIDENTIAL GRADE

RESIDENTIAL GRADE

One set of 5 for each Resource room 2

[Required only if ceiling speakers removed as scope ladder item.](#)

[LINK TO PRODUCT](#)

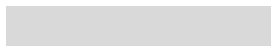
One placed between 2 workstations, one placed between other two

Wall Mounted

[Required only if ceiling speakers removed as scope ladder item.](#)

[LINK TO PRODUCT](#)

12 persons



9.00 Indigenous Education

	EQUIPMENT NAME	NEW / EXISTING	EXISTING ITEM NUMBER	CATEGORY	QUANTITY
CATEGORIES					
A	Owner Supplied, Design-Builder Installed				
B	Owner Supplied, Owner Installed				
C	Design-Builder Supplied, Design-Builder Installed				
9.01 Indigenous Education Room					
9.01a Flex Area					
	TV	NEW		A	1
	External Speakers Soundbar	NEW		A	1
9.02b Reading					
9.01c Kitchen					
	Refrigerator	NEW		C	1
	Range	NEW		C	1
	Exhaust Hood	NEW		C	1
	Microwave	NEW		C	1
	Chest Freezer	EXISTING	HCR item 85	A	1
9.02 Office					
	Workstations	NEW		A	4
	Phone	NEW		A	2
	Printer	NEW		A	1

9.03 Storage Room

Laptop

EXISTING

B

Multi-tiered storage shelving

NEW

C

BRAND	MODEL NUMBER	ELECTRICAL	DATA	MECHANICAL	PLUMBING	SIZE	WEIGHT
		110	YES			85"	
Bomaker		110					~20 lbs
		YES					
		YES					
		YES		Venting			
Danby	DCF719W	YES				1500W	
		115v 3amp				35"x31.5"x24"	
		110	YES				
			YES				
		110	YES				

110

YES

9m x 450D x 1830H

COMMENTS

Wall Mounted

Required only if ceiling speakers removed as scope ladder item

https://www.amazon.ca/BOMAKER-Soundbar-Bluetooth-Subwoofer-Adjustable/dp/B08NT2197K/ref=sr_1_24_sspa?crd=311ASCM94Q1P0&dchild=1&keywords=sound%2Bbar%2Bdigital%2Boptical&qid=1614206656&srefix=digital%2Bsound%2Bbar%2B%2Caps%2C236&sr=8-24-spons&smid=A22VR896VCO1ML&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEyNU5RWjE3RVVBTFpBJmVuY3J5cHRIZElkPUEwODY0ODM1MVNHNVZRUjFOQTc0TyZlbnNyeXB0ZWRBZEIkPUEwMDU4MjM5MVM2M1FBVfk1MjU4VCZ3aWRnZXROYW1lPjNwX210ZiZhY3Rpb249Y2xpY2tSZWRpcmVjdCZkb05vdExvZ0NsaWNRPXRYdWU&th=1

Electric (not gas)

2 Phones - one placed between 2 workstations, one placed between other two

Commercial-grade, 300lb / shelf

10.00 Computer Room

EQUIPMENT NAME

NEW / EXISTING

EXISTING ITEM NUMBER

CATEGORIES

- A** Owner Supplied, Design-Builder Installed
- B** Owner Supplied, Owner Installed
- C** Design-Builder Supplied, Design-Builder Installed

10.00 Computer Lab 1

Desktop computer with monitor	NEW
Desktop computer with monitor (Teacher station)	NEW
TV	NEW
External Speakers Soundbar	NEW
Printer	NEW

CATEGORY	QUANTITY	BRAND	MODEL NUMBER	ELECTRICAL	DATA	MECHANICAL	PLUMBING	SIZE	WEIGHT
A		30			110 YES				
A		1			110 YES				
A		1			110 YES			85"	
A		1 Bomaker			110				~20 lbs
A		1			110 YES				

COMMENTS



Wall Mounted

[Required only if ceiling speakers removed as scope ladder item.](#)

[LINK TO PRODUCT](#)

QUANTITY	BRAND	MODEL NUMBER	ELECTRICAL DATA	MECHANICAL PLUMBING	SIZE	WEIGHT
1			110 YES		85"	
1	Bomaker		110			~20 lbs
1			110			
1						
1			YES			
1			110 YES			
6					1500w x 1830h 610d	Industrial-grade, 50C
1	Apple (Mac)		110 yes			
1						

COMMENTS

Wall Mounted

[Required only if ceiling speakers removed as scope ladder item.](#)

[LINK TO PRODUCT](#)

<https://www.long-mcquade.com/129380/Keyboards/Digital-Pianos/Yamaha/Arius-YDP-144-Digital-Piano-w--GHS-Keyboard---Black.htm>

1lb / shelf

High end Mac for recording and composing

12.00 Drama

EQUIPMENT NAME

NEW / EXISTING

EXISTING ITEM NUMBER

CATEGORIES

A Owner Supplied, Design-Builder Installed

B Owner Supplied, Owner Installed

C Design-Builder Supplied, Design-Builder Installed

12.01 Black Box

Lighting Gantry NEW
 Laser projector NEW
 TV NEW

External Speakers Soundbar NEW
 Laptop EXISTING
 Cyclorama curtain NEW
 Drapery NEW
 ETC Collor Source JR 25-50 degree Zoom regular NEW
 Chroma-Q One 100 X RGBA NEW
 Chroma-Q Color Force 12 II RGBA NEW
 Cyc Lens Kits NEW
 Board Lens Kits NEW
 Source Four 4wrđ II (Lens Tube Kits) (see commē NEW
 City Theatrical SF Follow Spot Conv Kit NEW
 Doughty Eng Shadow Followspot Stand NEW
 100W powered loud speaker NEW
 Subwoofers NEW

Stage Lights
 Stage Lights
 Stage Lights
 Stage Lights
 Stage Lights
 Stage Lights
 Stage Lights
 Stage Lights
 Sound System
 Sound System

12.02 Costume / Make-Up / Props

Costume Racks NEW
 Multi-tiered storage shelving
 Makeup stations NEW

12.03 Sound / Lighting Room

Communication system located in control room NEW

Belt Single Ch belt packs with headsets NEW

Additional House Lights Controls NEW

Lighting control system NEW

Montior for lighting control system NEW

Sound System

Digital Mixing console NEW

Sound System

Digital Stage Box NEW

Racks NEW

CATEGORY	QUANTITY	BRAND	MODEL NUMBER	ELECTRICAL	DATA	MECHANICAL	PLUMBING	SIZE
C		4		yes		rise from floor to ceiling		
A		1		110	see comment			
A		1		110	YES			85"
A		1 Bomaker		110				
B		1		110	YES			
B	See comments	1						
B				no - hand pull				
B		12		YES				
B		16		YES				
B		11		YES				
B		5		YES				
B		6		YES				
B		9		YES				
B		1		YES				
B		1		YES				
B		2 QSC - k series		YES				
B		2 QSC		YES				
A		2						
C		6						2.4m x 450D x 1830H
A		2		110				



B

1

B

7

B

1

YES

YES

B

1 ETC Eos

Element 2

YES

YES

B

2

110

B

1 Behringer

X32

yes

B

1 Behringer

SD-16

yes

B

1

YES

WEIGHT COMMENTS

~20 lbs	<p>To allow for Front of House (stage) productions for audiences seated in Multi-Purpose Space located midpoint in the house for projection onto the rear CYC Wall Mounted Required only if ceiling speakers removed as scope ladder item. LINK TO PRODUCT</p>
heavy - standard	<p>Opera White PVC CYC Drapery includes upstage traveller for coverage of CYC, main traveler, legs, masking borders All fixture c/w Safety Cables, PowerCon Cables to Uground, LS Mega Clamps. All fixture c/w Safety Cables, PowerCon Cables to Uground, LS Mega Clamps. All fixture c/w Safety Cables, PowerCon Cables to Uground, LS Mega Clamps. All fixture c/w Safety Cables, PowerCon Cables to Uground, LS Mega Clamps. All fixture c/w Safety Cables, PowerCon Cables to Uground, LS Mega Clamps. Lens tube kits 3x19, 4x26, 4x36, and 2x50....All fixture c/w Safety Cables, PowerCon Cables to Uground, LS Mega Clamps. All fixture c/w Safety Cables, PowerCon Cables to Uground, LS Mega Clamps. All fixture c/w Safety Cables, PowerCon Cables to Uground, LS Mega Clamps. QSC - K Series 2-way 1000W powered loudspeaker, 12-inch woofer 1.75-inch compression driver, 75 degree asymmetrical dispersion, DSP processing, M10 flypoints, ABS Enclosure, BI QSC - Ultra-compact, powered highly portable, single 12" bandpass design subwoofer 1590.00 1399.00 1065.30 in a birch enclosure</p>

Commercial-grade, 150lb / shelf

7 channel base station

Headsets: SM, Director, SR, SL, LX, Sound, FOH or other XLR 3 Pin Cable

Require prewired 3 pin XLR data lines for communications during the build process

During the design planning process we would like to see a Johnson Systems Inc (Basis of Design) remote wall control with a DMX interface be considered. This wall mounted control can be placed in the main room and also the black box with control also going back to the control room; During an event/show the control board will override the wall system but it will give access to the school teaching staff to turn of lights to a select number of preset looks without having to use the lighting control board

21" displays.

40 input, 25 bus digital mixing console with 32 MIDAS preamps, 25 motorized faders, 32 channel interface and iPad/iPhone remote control;
16 XLR out plus 6 line in/out with talkback; individual LCD channel buttons; 32x32 USB interface
Behringer - 16 XLR Input, 8 Balanced Output Digital Stage Box with 16 MIDAS Preamps, AES50 Network Ports, UltraNet, In hardshell case



ack



13.00 Dance / Yoga

	EQUIPMENT NAME	NEW / EXISTING	EXISTING ITEM NUMBER	CATEGORY	QUANTITY
CATEGORIES					
A	Owner Supplied, Design-Builder Installed				
B	Owner Supplied, Owner Installed				
C	Design-Builder Supplied, Design-Builder Installed				
13.01 Main Studio					
	Sound System	NEW		B	1
	TV	NEW		A	1
	External Speakers Soundbar	NEW		A	1
	Laptop	EXISTING		B	1
	Step Aerobics Unit	EXISTING		A	1
13.02 Storage Room					
	25 mats	EXISTING		A	25
	50 blocks	EXISTING		A	50
	25 bolsters	EXISTING		A	25
	Portable tap floor	NEW		A	1

BRAND	MODEL NUMBER	ELECTRICAL	DATA	MECHANICAL	PLUMBING	SIZE	WEIGHT
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110 no
 110 YES

85"

Bomaker

110
 110

YES

~20 lbs

20" depth, 48" W x 64" H



27" length, 5" diameter rolled
 4"x6"x9"
 26" length x 7"x11"

COMMENTS

Portable block rocker type unit that can be moved to inside or outside.

Wall Mounted

[Required only if ceiling speakers removed as scope ladder item.](#)

[LINK TO PRODUCT](#)

Stored in millwork shelving

Stored in millwork shelving

Stored in millwork shelving

14.00 FLEX CLASSROOM / PHYS ED / PERFORMING ART FLEX STUDIO

EQUIPMENT NAME

NEW / EXISTING

EXISTING ITEM NUMBER

CATEGORIES

A Owner Supplied, Design-Builder Installed

B Owner Supplied, Owner Installed

C Design-Builder Supplied, Design-Builder Installed

14.01 Studio / Classroom

TV

NEW

External Speakers Soundbar

NEW

Laptop

EXISTING

CATEGORY	QUANTITY	BRAND	MODEL NUMBER	ELECTRICAL	DATA	MECHANICAL	PLUMBING	SIZE
A		1			110 YES			85"
A		1 Bomaker			110			
B		1			110 YES			

WEIGHT

COMMENTS

~20 lbs

Wall Mounted
[Required only if ceiling speakers removed as scope ladder item.](#)
[LINK TO PRODUCT](#)

15.00 Visual Arts

EQUIPMENT NAME

NEW / EXISTING EXISTING ITEM NUMBER

CATEGORY

QUANTITY

CATEGORIES

A Owner Supplied, Design-Builder Installed

B Owner Supplied, Owner Installed

C Design-Builder Supplied, Design-Builder Installed

15.01 Studio1

15.01a Work Area

TV	NEW		A	1
External Speakers Soundbar	NEW		A	1
Work tables	NEW		A	2
Teacher demonstration work table	NEW		A	1
Drying racks	NEW		A	1
Ventilation for Fixative and sanding	NEW		A	1
Desks	NEW		A	30

15.01b Printmaking

Printing press	NEW		A	1
Drying racks	NEW		A	1

15.01c Project Storage

15.01d Office & Secure Material Storage

Workstation	NEW		A	1
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15.01e Computer Station

Desktop computer with monitor			A	1
Printer			A	1

15.01f Material Storage

15.02 Studio2

15.02a Work Area

TV	NEW		A	1
External Speakers Soundbar	NEW		A	1
Work tables	NEW		A	2
Teacher demonstration work table	NEW		A	1
Drying racks	NEW		A	1
Ventilation for Fixative and sanding	NEW		A	1
Desks	NEW		A	30

15.02b Computer Station

Desktop computer with monitor	NEW		A	1
Printer	NEW		A	1

15.02c Project Storage**15.02e Material Storage****15.03 Pottery Support Centre****15.03a Pottery Wheels**

Pottery wheel	EXISTING		A	3
Pottery Wheel	NEW		A	3
Pug machine	EXISTING	HCR item 96	A	1

15.03b Kiln Area

Kiln	NEW		A	2
Jewelry Kiln	EXISTING	HCR item 153	A	1
Jewelry Kiln	EXISTING	HCR item 154	A	1

15.03c Pottery Material Storage**15.03d Glaze Prep Area****15.03e Material Storage****15.03f Ceramic Project Storage**

15.03g Office & Secure Material Storage

Workstation	NEW	A	2
Laptop	Existing	B	2

15.04 Multi-Media Studio**15.04a Work Area**

TV	NEW	A	1
External Speakers Soundbar	NEW	A	1
Desktop computer with monitor (teacher station)	NEW	A	1
Desktop computer with monitors	NEW	A	15
Laptop computers	NEW	A	15
Large monitor	NEW	A	15
Printer	NEW	A	1

15.04b Material Storage**15.04c Video Production w/ Green Screen**

Green screen	NEW	A	1
--------------	-----	---	---

15.04d Project Storage

			110	YES		85"
Bomaker			110			~20 lbs
			YES	YES		
TBC			110		Vent to outdoors	27x34x66 inches
						24"x 36"
			110	YES		
			110			
			110			
Shimpo Li Ming Machinery	VL Whisper Sv-12		110 110/220v 12/6a			18"x15.5"x25"
Cone Art Kilns Estrin Mfg ltd	2336D. Cone 10		240V 40A 110v 10amp			18:x22:x21"
Estrin Mfg ltd	E9F		110v 10amp			23.5"x18"x15.5"

	110			
	110	YES		
	110	YES	85"	
Bomaker	110			~20 lbs
	110			
	110	YES		
	110	YES		
	110			
	110	NO		
			2400w x 2400h	

COMMENTS

Wall Mounted

[Required only if ceiling speakers removed as scope ladder item.](#)

[LINK TO PRODUCT](#)

For clay and other large project preparation

https://www.amazon.ca/OPHIR-Airbrush-Lighting-Portable-T-Shirt/dp/B08BR1K5XV/ref=asc_df_B08BR1K5XV/?tag=googleshopc0c-20&linkCode=df0&hvadid=459345863434&hvpos=&hvnetw=g&hvrnd=4443

<http://thomaspresses.ca/etching-presses-products.html>

https://store.schoolspecialty.com/OA_HTML/ibeCCtpltmDspRte.jsp?minisite=10224&item=519598

Wall Mounted

[Required only if ceiling speakers removed as scope ladder item.](#)

[LINK TO PRODUCT](#)

For clay and other large project preparation

https://store.schoolspecialty.com/OA_HTML/ibeCCptmDspRte.jsp?minisite=10224&item=519598

https://www.amazon.ca/OPHIR-Airbrush-Lighting-Portable-T-Shirt/dp/B08BR1K5XV/ref=asc_df_B08BR1K5XV/?tag=googleshopc0c-20&linkCode=df0&hvadid=459345863434&hvpos=&hvnetw=g&hvrnd=4443

Power to come from ceiling

Power to come from ceiling

<https://www1.ceramics.nidec-shimpo.com/shimpo-vl-whisper/>

Wall Mounted

[Required only if ceiling speakers removed as scope ladder item.](#)

[LINK TO PRODUCT](#)

At laptop stations. Laptop plugs in and acts as dual monitor

Portable, Stands on its own.

[Redacted]

[Redacted]

[654356291254529&hvpone=&hvptwo=&hvqmt=&hvdev=c&hvdvcmidl=&hvlocint=&hvlocphy=9001612&hvtargid=pla-976804278885&psc=1](#)

[Redacted]

[Redacted]

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[Redacted]

[654356291254529&hvpone=&hvptwo=&hvqmt=&hvdev=c&hvdvcmidl=&hvlocint=&hvlocphy=9001612&hvtargid=pla-976804278885&psc=1](#)



16.00 Home Economics

EQUIPMENT NAME

NEW / EXISTING

EXISTING ITEM NUMBER

CATEGORY

CATEGORIES

A Owner Supplied, Design-Builder Installed

B Owner Supplied, Owner Installed

C Design-Builder Supplied, Design-Builder Installed

16.01 Textiles – Included in Design Hub / Maker Space [6.04]

16.01a Work Area / Lab

16.01b Demo Area

16.02 Foods 1

16.02a Lab

Dishwasher	NEW		C
Range	EXISTING	HCR item 1241-131	A
Microwave	NEW		C
Full Sized, Double-Door refrigerator	NEW		C
Range Hood	NEW		C

16.02b Demo Kitchen

TV	NEW		A
External Speakers Soundbar	NEW		A
Laptop	EXISTING		B
Wall Mount Oven Behind demo table	NEW		C
Countertop Cook top stove in demo table	NEW		C
Range Hood	NEW		C
Dishwasher	EXISTING	HCR item 121	A

Full Sized, Double-Door refrigerator	NEW	C
Microwave	NEW	C
iPad	NEW	B
Overhead Mirror	NEW	C

16.02c Teacher

16.03 Foods 2

16.03a Lab

Dishwasher	NEW	C
Range	NEW	C
Microwave	NEW	C
Full Sized, Double-Door refrigerator	NEW	C
Range Hood	NEW	C

16.03b Demo Kitchen

TV	NEW	A
External Speakers Soundbar	NEW	A
Laptop	EXISTING	B
Wall Mount Oven Behind demo table	NEW	C
Countertop Cook top stove in demo table	NEW	C
Range Hood	NEW	C
Dishwasher	NEW	C
Upright Cooler (refrigerator)	NEW	C
Microwave	NEW	C
iPad	NEW	B
Overhead Mirror	NEW	C

16.02c Teacher

16.04 Foods Shared Support Space

16.04a Dry Food Storage

Shelving

NEW

C

16.04b Equipment Storage

16.04c Cold Storage

Freezer (Commercial size)

EXISTING

HCR item 97 A

Freezer (Commercial size)

NEW

Match HCR item 97 C

Commercial Fridge

EXISTING

HCR item 98 A

Commercial Fridge

EXISTING

HCR item 99 A

16.04d Laundry

Washer

NEW

C

Dryer

NEW

C

Washer

EXISTING

A

Dryer

EXISTING

A

QUANTITY	BRAND	MODEL NUMBER	ELECTRICAL	DATA	MECHANICAL	PLUMBING	SIZE
1				YES			24" wide
7	Kitchenaid	KSIB900ESS1	208v-240v 10.4-13.8A				36"x30"x28"
7				YES			1500W
1				YES			1220w foot wide x
7				YES			1830h cabinet depth.
1				110	YES		85"
1	Bomaker			110			
1				110	YES		
1	Kitchenaid	30inch double wall oven true con		KODE500EWH			
1	Kitchenaid	Architect Series II KICU50!					
1				YES			
1	kitchenaid	KDTE204ESS1	120V 8.1A			YES	

1			YES			1220w foot wide x 1830h cabinet depth
1			110			1500W
1			110			
1						6'6" long, 3' width.

1			YES			24" wide
7	Kitchenaid	KSIB900ESS1		208v-240v	10.4-13.8A	36"x30"x28"
7			YES			1500W
1			YES			1220w foot wide x 1830h cabinet depth.
7			YES			

1			110		YES	85"
1	Bomaker		110			
1			110		YES	
1	Frigidaire	FFET3026TS	YES			Vented
1	Frigidaire	FFEC3025US	YES			Vented
1			YES			
1			YES			YES
1			YES			
1			YES			1500W
1			110			
1						6'6" long, 3' width.

1	Kelvinator Commercial	KCHR154R2DFE	115V 9amp			83"x54"x33"
1	Kelvinator Commercial	KCHR154R2DFE	YES			83"x54"x33"
1	Habco	SE40e	115v 8amp			73.5"x48"x31"
1	Habco	SE40e	115v 4.2amp			73.5"x48"x31"

1			YES			YES	4.2 c.f.
1			YES		Ventilation		7.0 c.f.
1			YES			YES	4.2 c.f.
1			YES		Ventilation		7.0 c.f.

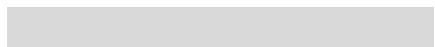
WEIGHT



~20 lbs



~20 lbs



500lb / shelf capacity



COMMENTS

Stainless steel, Built into lower cabinet

Stainless steel, Built into lower cabinet

Stainless steel, glass-front
Commercial grade.

Must be mounted proximate to their seating area and teacher demo kitchen.

Wall / ceiling boom mounted

[Required only if ceiling speakers removed as scope ladder item.](#)

[LINK TO PRODUCT](#)

https://www.kitchenaid.ca/en_ca/major-appliances/wall-ovens/double-wall-ovens/p.30-double-wall-oven-with-even-heat-true-convection.kode500ewh.html#pdp-accordion-reviews

https://www.kitchenaid.ca/en_ca/major-appliances/cooktops/electric-cooktops/induction-cooktops/p.30-inch-4-element-induction-cooktop,-architect-series-ii.kicu509xbl.html?

Glass front.

built-in microwave shelf/space (24 inches wide x 15 inches high),

iPad on clip as camera over teacher's station. Routes to TV for projection.

Mirror when in tilted position for demo and viewing should have its lowest point at 6 feet

Stainless steel, Built into lower cabinet

Stainless steel, Built into lower cabinet

Stainless steel, glass-front

Commercial grade.

Must be mounted proximate to their seating area and teacher demo kitchen.

Wall / ceiling boom mounted

[Required only if ceiling speakers removed as scope ladder item.](#)

[LINK TO PRODUCT](#)

<https://www.frigidaire.com/Kitchen-Appliances/Wall-Ovens/Double/FFET3026TS/>

<https://www.frigidaire.ca/Kitchen/Cooktops/Electric-Cooktops/FFEC3025US/>

over cooktop

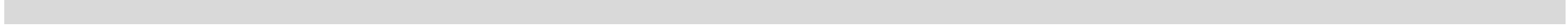
Stainless steel, Built into lower cabinet

4 foot wide x 33 inches deep x 6 feet high double door

Built-in microwave shelf/space (24 inches wide x 15 inches high),

iPad on clip as camera over teacher's station. Routes to TV for projection.

Mirror when in tilted position for demo and viewing should have its lowest point at 6 feet



Stackable, Commercial-Grade
Stackable, Commercial-Grade
Stackable, Commercial-Grade
Stackable, Commercial-Grade





17.00 Automotive / Mechanics

EQUIPMENT NAME

NEW / EXISTING EXISTING ITEM NUMBER

CATEGORY

QUANTITY

CATEGORIES

A Owner Supplied, Design-Builder Installed

B Owner Supplied, Owner Installed

C Design-Builder Supplied, Design-Builder Installed

17.01 Shop Area

TV	NEW		A	1
External Speakers Soundbar	NEW		A	1
Flammable Cabinet	EXISTING		A	2
Desktop computer with monitor	NEW		A	6
Tool boards	NEW		C	4
Overhead exhaust system	NEW		C	8 ports
Engine lift	EXISTING		A	1
Sand Blaster	EXISTING	HCR Item 46	A	1
Hydraulics Table 3' by 15'	EXISTING		A	1
Parts washer	NEW		A	1
Work tables with stools and vice included	NEW		A	5
Benches	EXISTING		A	2
Red tool cabinet	EXISTING		A	2
valve grinding portable station	EXISTING	HCR Item 44	A	1
bench grinder	EXISTING	HCR Item 18	A	1
drill press	EXISTING	HCR item 19	A	1
Used oil containment system	EXISTING		A	1
Drums for various used coolants/oils/contai	EXISTING		A	4
Brake lathe	EXISTING	HCR item 43	A	1

17.02 Shop Area - Bay / Hoists

4-post hoist/lift	NEW		C	1
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2-post hoist/lift	EXISTING		A	2
2-post hoist/lift	NEW		C	2

17.03 Shop Area - Equipment

Tire Changer	EXISTING	HCR Item 62	A	1
Tire Changer	EXISTING	HCR Item 60	A	1
Tire Changer	EXISTING	HCR Item 45	A	1
Wheel balancer	EXISTING	HCR Item 61	A	1
Wheel alignment machine	NEW		A	1
Gravity fed spray gun	NEW		A	2

Paint shaker	NEW		A	1
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17.04 Secure Storage

Multi-tiered storage shelving	NEW		C	
-------------------------------	-----	--	---	--

17.05 Storage

Air compressor	NEW		A	1
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17.06 Office

Workstation	NEW		A	1
Laptop computer	EXISTING		B	1
Filing Cabinets	EXISTING		A	2
Multi-tiered storage shelving	NEW		C	1
phone	NEW		A	1

17.07 Wash-Up

BRAND	MODEL NUMBER	ELECTRICAL	DATA	MECHANICAL
-------	--------------	------------	------	------------



			110	YES
Bomaker			110	
				Ventilation to outdoors
			110	YES

Little Red				
Empire	EF-2448	(2) 110v outlets needed		Compressed air connection.
		110V outlet near		Ventilation
CUDA	2530 series Front-Load Industrial Parts Washers		Yes	

Sioux Tools	680		115v 10amp	
Baldor	3709		hardwired 220V 25Amp	
Ashina	ASD-360			
Roth	Eco DWT Plus 3			
FMC Brake Service	John Bean 700 series		115/230V 12.0/6.0amp	



John Bean	EELR507A			
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PLUMBING	SIZE	WEIGHT	COMMENTS
	85"	~20 lbs	Wall or ceiling boom mounted Required only if ceiling speakers removed as scope ladder item. LINK TO PRODUCT
	100lb Capacity		Set up along a wall for student research 8 stations, one for each car work space Portable
YES	69"x48"x24" 95"x 29"	377 lbs	https://www.eetc.org/store/viewproduct.aspx?id=10716708
	65"x32"x20" 15.5"x23"x14" 38"x12"x23.25" 42"x29"x29"		Floor mounted
	65"x36"x32"		

144"x146"x24" (12,000 lb capacity)
(12,000 lb capacity)

44"x56x16"
66"x34"x39" Floor Mounted
79"x72"x48" Floor Mounted
58"x41"x44" Floor Mounted

55.63 x 35.31 x 35.31 cm Located in spray booth in 17.00 or 20.00 (only one booth)
[Located in spray booth in 17.00 or 20.00 \(only one booth\)](#)
https://www.amazon.ca/Astro-Pneumatic-4550A-Operated-Oversized/dp/B00MJW4VQG/ref=asc_df_B00MJW4VQG/?tag=googleshopc0c-20&linkCode=df0&hvadid=293036961553&hvpos=&hvnetw=g&hvrnd=12951734609991782580&hvpon=&hvptwo=&hvgmt=&hvdev=c&hvdvcmld=&hvlocint=&hvlocphy=9001612&hvtargid=pla-499695186717&th=1
43X21X37 cm

4000L x 915D x 1830H Industrial-grade, 500lb / shelf

Compressed air manifold This is the compressor that feeds to all the drops and equipment in the shop

27" x18"





18.00 TED Space - Robotics / Electronics

EQUIPMENT NAME

NEW / EXISTING

CATEGORIES

- A** Owner Supplied, Design-Builder Installed
- B** Owner Supplied, Owner Installed
- C** Design-Builder Supplied, Design-Builder Installed

18.01	Shop Area - Robotics / Electronics		
		TV	NEW
		External Speakers Soundbar	NEW
		Vinyl Cutter	NEW
		Plotter	NEW
		Teacher desk	EXISTING
		Work tables	EXISTING
		GDAC blackboard	EXISTING
		Soldering Stations (done on the work tables above)	NEW
		Wall-mounted 2x4 frames for electrical apprenticeship program (for 120v)	NEW
		Wall-mounted 2x4 frames for electrical apprenticeship program (dryer and oven wiring 240v)	NEW
	CNC Router / Laser Cutter Room		
		3D Printer	EXISTING
		CNC Router	EXISTING
		Laser Cutter	NEW
		desktop mill	NEW

18.02	Shop Area - Design Hub	Project
	TV	NEW
	External Speakers Soundbar	NEW
	Desktop computer with monitor	NEW
	Benches	NEW
18.03	Material Storage	Project
	Robotics cabinets	NEW
	Laptop	EXISTING
	Desk	NEW
	Computer	EXISTING
18.04	Mezzanine (above electronics)	Project
	Large Bench	NEW
	Vices	NEW

Equipment
Design-Build Ageement
EXECUTION COPY

EXISTING ITEM NUMBER	CATEGORY	QUANTITY	BRAND	MODEL NUMBER	ELECTRICAL
	A	1			110
	A	1	Bomaker		110
	A	1	Roland	DG GS-24	
	A	1	Canon Image Prograf TM-200	3062C002	
	A	2			
n/a - In room 130.	A	10	Rousseau Metals	WSW1019	
n/a - In room 130.	A	1	CUSTOM		110
	C	5			yes
	C	10			120v power at each station - to work on/simulate house wiring scenarios
	C	2			240v
HCR item 88 and 89	A	2	Makerbot	Replicator+ PABH65	110 plus data
HCR item 86 and 87	A	2	Carvey	532-0142395	148v 3.3amp plus data
	A	1	Trotech	Speedy300	110v - 20Amp
	A	1	HAAS		110V

DATA	MECHANICAL	PLUMBING	SIZE	WEIGHT
	YES		85"	~20 lbs
	Yes - See comments		60"W × 30"D × 34 7/8"H	
	YES			
			16.5"x21"x18" 16.5"x21.5"x21"	
	Direct vent to exterior			

YES

85"

~20 lbs

YES

96" Long 25.5" deep, 52" tall

YES

YES Cooling Required

1830 x 3040

COMMENTS

Wall or ceiling boom mounted

[Required only if ceiling speakers removed as scope ladder item.](#)

[LINK TO PRODUCT](#)

<https://www.stahls.ca/vinyl-cutter-roland-gs24>

<https://www.staples.ca/products/2932833-en-canon-imageprograf-tm-200-24-large-format-printer-3062c002>

Design-Builder to move from existing Room 130.

https://www.rousseau-metal.com/int_en/products/workbenches-and-workstation-systems/workbenches/mobile-workbench-with-painted-steel-top-wsw1019-int-en.html

4'X8'5" Custom blackboard with electronic mounts. Wired to a 110V

The venting at each table is PVC (1 1/2" - 2") with brass fitting for surgical tubing for each bench.

Soldering will be done at (2) workstations

The PVC all connects to a vacuum system w. Hepa-filtration and carbon filters.

Design-Builder to add lockable casters

Needs to be in enclosed room with glass (sound and dust proof) so teacher can supervise

Needs to be in enclosed room with glass (sound and dust proof) so teacher can supervise

<https://www.troteclaser.com/en-ca/laser-machines/laser-engravers-speedy-series/>

<https://www.haascnc.com/machines/vertical-mills/desktop-mill.html>

Wall or ceiling boom mounted

[Required only if ceiling speakers removed as scope ladder item.](#)

[LINK TO PRODUCT](#)

Built in benches in rows, not pods (to hold 30 + desktops)

want new as millwork or large portable cabinet, but size given is the size we currently have....plus 4 large tool hand held toolboxes worth.

Plug and ethernet are required for tech equipment used near office desk.

In mezzanine

For large bench in mezzanine

19.00 Woodworking Shop

	EQUIPMENT NAME	NEW / EXISTING	EXISTING ITEM NUMBER	CATEGORY
CATEGORIES				
A	Owner Supplied, Design-Builder Installed			
B	Owner Supplied, Owner Installed			
C	Design-Builder Supplied, Design-Builder Installed			
19.01 Shop Area - Work Tables				
	TV	NEW		A
	External Speakers Soundbar	NEW		A
	Work Bench	EXISTING		A
	Vices	NEW		A
	Shop Light	NEW		A
	Shop Vacuum	1 NEW/1 EXISTING		A
	Mobile storage unit	NEW		A
	Coiling compressed air drop	NEW		C
	Tool boards	NEW		C
19.02 Construction / Fabrication Space				
	Air Compressor	NEW		A
	Lumber storage rack	NEW		C
	Assembly/glueing table	NEW		A
19.03 Shop Area - Equipment				
	Table Saw (with outfeed tables)	EXISTING	HCR Item 12 and 13	A
	Lathe (large)	NEW		A

Lathe (small)	EXISTING	HCR item 21,23,25	A
Edge Sander	EXISTING		A
Jointer (12")	NEW	Similar to HCR item 10	A
Mortiser	NEW		A
Jointer (8")	NEW		A
Planer (large)	NEW		A
Planer (small)	EXISTING	HCR item 6	A
Double drum sander	NEW		A
Spindle sander	NEW	Similar to HCR item 8	A
Bench Grinder	EXISTING	HCR item 34	A
Router Table	EXISTING	HCR item 32	A
Down draft sanding table	EXISTING	HCR item 31	A
Down draft sanding table	NEW		A
Mitre Saw	EXISTING	HCR item 36	A
Mitre Saw	EXISTING	HCR item 38	A
Drill Press	NEW	Similar to HCR Item 33	A
Drill Press	EXISTING	HCR item 35	A
Disc Sander	EXISTING	HCR item 9	A
Band Saw (large- 18")	NEW	Similar to HCR item 2	A
Band Saw (small)	EXISTING	HCR item 3	A
Portable Dust collection system (small)	EXISTING	HCR item 7	A

19.04 Finishing Room

Spray Booth	NEW		A
Gravity fed spray gun	NEW		A
Work Bench	NEW		A
Flammable storage cabinet	EXISTING		A

19.05 Material Storage

Plywood/Sheet stock storage NEW
Lumber rack (longs) NEW
Lumber Rack/shelves (for shorts) NEW
Multi-tiered storage NEW

C
C
C
C

19.06 Office

Laptop computer EXISTING
Workstation/Desk NEW
Multi-tiered storage NEW
phone New

B
A
C
A

19.07 Project Storage

Multi-tiered lockable storage NEW

A

19.08 CNC Room

CNC Machine EXISTING

A

QUANTITY	BRAND	MODEL NUMBER	ELECTRICAL	DATA	MECHANICAL
1			110	YES	
1	Bomaker		110		
15					
30					
12			YES		
2			YES		
11					
4					
4					
1	Ingersoll Rand	2340L5-V	230V - 1 Phase		
1					
2					
2	Saw Stop	ICS53230	hard wired 220v 12 Amp		Vented to dust collection system
1	Nova	55214	1.75 hp, 110v		Dust collection table/hood, connected to dust collection system

3 Teknatool 1 King	Nova Comet II	115v x5.5amp 220v 18 amp	Dust collection table/hood, connected to dust collection system Vented to dust collection system
1 Grizzly 1 Grizzly	G9860ZX G0840	220V, single-phase, 16A 110V, single-phase, TEFC, 3580 RPM, 10.2A	Vented to dust collection system Vented to dust collection system
1 Grizzly	G0656X	240V, single-phase 15A	Vented to dust collection system
1 Magnum Industrial 1 Magnum	31-753 MI-31160	220 V, 3 PH, 40 A 110-120V	Vented to dust collection system Vented to dust collection system
1 Magnum Industrial	16-750	220V, 1 Phase, 15 amps	Vented to dust collection system
1 Magnum Industrial 1 Delta 1 Jessem 1	16-150 W26-26 MAst-R-Fence II 04010	110 / 220 V, 1 Ph, 10.5 amps 110V 6-9amp 115v 6-8 amp hardwired	Vented to dust collection system Vented to shop vacuum Vented to dust collection system
1 Grizzly 1 Bosch 1 Makita	G0631	110V, single-phase hardwired 120v	Vented to dust collection system Vented to dust collection system Vented to dust collection system
1 Delta 1 Westward 1 Rockwell	Delta 18-900L RDM-170A 31-426	120v 115v 12amp hardwired hardwired 200V 2.8Amp	Vented to dust collection system
1 Magnum Industrial 1 Rikon 1 Magnum	91-700 10-326 Mil-11150	220 V, 1 PH, 16 A 115v 4 amp 7A	Vented to dust collection system

1			Vented to exterior
2 Earlex 1 2	OHV6003GUS	YES	Compressed air, coil from ceiling Vented to exterior

1
1
1
1

110 YES

YES

1

1 Professor

PROFESSOR 2.2

110V

Vented to dust collection system

PLUMBING SIZE

WEIGHT

85"

~20 lbs

1524 x 915

3HP, 10 gallon

100lb capacity each

192"x120"
1000lb / rack. floor to ceiling
Minimum 5 tiers

38"x85.5"x36" plus out tables
Will need outrigger as well:
<https://www.kmstools.com/nova-outrigger-lathe-accessory-black-169212>

15.5"x32"x12"

Footprint: 18-1/8" x 38-1/2" Overall dimensions:

80" W x 34-1/16" D x 40-1/2" H 1241 lbs

Footprint: 19" x 15" 220 lbs

Footprint: 16-1/2" x 26-3/4" 523 lbs

2,550 lbs

20.5"x23"x34.5"

42-1/2" x 16-1/2" (1,080 mm x 419 mm) 515 lbs

17-1/2" x 17-1/2" (445 x 445 mm)

14"x23"x12"

39"x35"x24"

36"x65"x38"

27-3/4" x 78-3/4" 490 lbs

27"x27.5"x33"

29"x24/5"x36"

Metric 149.86 x 77.47 x 33.02 cm 260 lbs

40.5"x16"x28"

42.5"x16.5"x23"

75"x33"x19"

71.5"x34"x24"

49.5"x20"x31"

55.63 x 35.31 x 35.31 cm

1830 x 1220

3000L x 1220D x 1830H



4000L x 915D x 1830H

4000L x 915D x 1830H



10,000W x 915D x 1830H



COMMENTS

Wall or ceiling boom mounted

[Required only if ceiling speakers removed as scope ladder item.](#)

[LINK TO PRODUCT](#)

Heavy-duty some on rolling casters, some mounted directly to floor.

Design-builder to plane and refinish tops.

Movable clip light

<https://www.kmstools.com/ingersoll-rand-5-hp-60-gallon-two-stage-air-compressor-17332>

Heavy-duty on lockable rolling casters

Floor Mounted

<https://www.kmstools.com/nova-galaxi-dvr-16-x-44-lathe-124786>

Floor Mounted

<https://www.grizzly.com/products/grizzly-12-x-80-z-series-jointer-w-spiral-cutterhead/g9860zx>

<https://www.grizzly.com/products/grizzly-mortising-machine-with-xy-table-and-stand/g0840>

Floor Mounted

<https://www.grizzly.com/products/grizzly-8-x-72-jointer-with-spiral-cutterhead/g0656x>

Floor Mounted

<https://www.kmstools.com/magnum-industrial-24-production-planer-120405>

Floor Mounted

<https://www.kmstools.com/magnum-industrial-24-double-drum-sander-130415>

Floor Mounted

<https://www.kmstools.com/magnum-industrial-1-hp-oscillating-spindle-sander-130255>

Fastened to benchtop

Floor Mounted

<https://www.grizzly.com/products/grizzly-28-x-79-extra-long-downdraft-table/g0631>

Fastened to benchtop

Fastened to benchtop

Floor mounted

<https://www.amazon.ca/Delta-18-900L-18-Inch-Laser-Drill/dp/B003YCEEQC>

Fastened to benchtop

Floor Mounted

Floor mounted

<https://www.kmstools.com/magnum-industrial-18-wood-band-saw-122368>

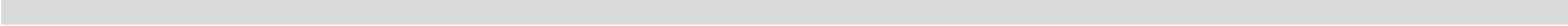
Floor Mounted

Portable on wheels. Used as back up or for future equipment only.

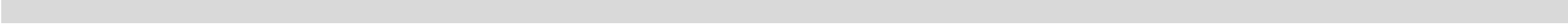
https://www.amazon.ca/Earlex-HV5500-Spray-Station-Watt/dp/B00MMN15QQ/ref=sr_1_3?dchild=1&keywords=Earlex%2BHV5500%2BHVL%2BSpray%2BStation%2BPaint%2BSprayer&qid=1605220767&sr=8-3&t

Heavy-duty on lockable rolling casters

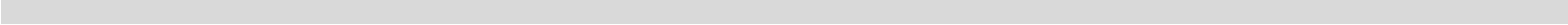
Industrial-grade. To support 25 sheets of 3/4" plywood
For 10' long 2x lumber. To vertically support (25) 2 x 4, (25) 2x6 and (25) 2x8
For offcut lumber. To vertically support (25) 2 x 4, (25) 2x6 and (25) 2x8
Industrial-grade, 500lb / shelf



Industrial-grade, 500lb / shelf



Industrial-grade, 500lb / shelf - must have adjustable/removable shelves.
Lockable.







[h=1](#)



20.00 METALS SHOP	EQUIPMENT NAME	NEW / EXISTING	EXISTING ITEM NUMBER	CATEGORY	QUANTITY
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CATEGORIES

A Owner Supplied, Design-Builder Installed

B Owner Supplied, Owner Installed

C Design-Builder Supplied, Design-Builder Installed

20.01 Shop Area - Equipment

Metal Lathe	NEW	Similar to HCR item 49	A	4
Wet/Dry sharpener kit	NEW		A	1
Lathe/mill combo	NEW		A	1
Swivel base milling vise	NEW		A	1
Disc Sander	EXISTING	HCR item 54	A	2
Bench grinder	NEW		A	2
Cross slide vise	NEW		A	2
Milling Machine	NEW	Similar to HCR item 55	A	1
Metal Cutting Bandsaw	NEW		A	1
Metal Cutting Swivel Bandsaw	NEW		A	1
Metal Cutting Bandsaw Blade	NEW		A	5
Tank dolly	EXISTING		A	1
Regular dolly	NEW		A	1
Cut off saw	NEW		A	1
Drill Press	NEW	Similar to HCR item 63	A	2
Hydraulic press	EXISTING	HCR item 70	A	
Sheet metal bender	EXISTING	HCR item 73	A	
Slip Roll	NEW		A	1
Spot weld timer	EXISTING	HCR item 51	A	1
Tailstock for rotary table	NEW		B	1
Coated end mill set	NEW		B	1
Clamping Kit	NEW		B	1
Collet Set (ISO 40)	NEW		B	1
Dividing plate for rotary table	NEW		B	1
Horizontal and vertical rotary table	NEW		B	1

Table powerfeed-x axis	NEW		B	1
Table Powerfeed -z axis	NEW		B	1
Table Powerfeed -y axis	NEW		B	1
Fagor digital readout system	NEW		B	1

20.02 Shop Area - Work Tables

TV	NEW		A	1
External Speakers Soundbar	NEW		A	1
Work Bench	NEW		A	11
Vices	NEW		A	30
Shop Light	NEW		A	11
Shop Vacuum	NEW		A	1
Tool boards	NEW		A	3
Plasma table	EXISTING		A	1

20.03 Welding Booths

Welding Booths	NEW		C	4
Thermal Arc welder	EXISTING	HCR item 57,58,59,80	A	4
Tig welder	EXISTING		A	1
Demonstration welding table	NEW		A	1
Oxy acetylene booths	NEW		A	4
Arm exhaust	NEW		A	6

20.04 Forge / Foundry

Grinding Booth	NEW		A	1
Grinding Stand	NEW		A	1
Large forge	NEW	Similar to HCR item 71	C	1
Forge	EXISTING		A	1
Foundry	NEW		C	1
Propane to gas adapter	NEW		C	1
Large fume hood for foundry	NEW		C	1
Anvils	NEW		A	4

20.05 Storage Area

Dolly	NEW	A	1
Multi-tiered storage	NEW	C	
20.06 Office			
Laptop computer	EXISTING	B	1
Desk	NEW	A	1
Multi-tiered storage	NEW	C	1
Phone	NEW	A	1

BRAND	MODEL NUMBER	ELECTRICAL	DATA	MECHANICAL	PLUMBING	SIZE
King Industrial	KC-1440ML-2/KM-05					
King Industrial	KC-4900S					
King Industrial	KC-1620CLM					
King Industrial	KMV-3M					
King Industrial	KC-788FX	Hardwired 110/220V 13.5/7.6amp				54"x21"x28"
King Industrial	KC-1090					
King Industrial	KCV-6N					
King Industrial	1050VS					
King Industrial	KC-450					
King Industrial	KC-918S-V					
King Industrial	KBB-918-14					
King Industrial	8342LN					
King Industrial	KC-122FC-LS					
Rogers	2HPCA					84"x44"x30"
Tennsmith		37110				45.5"x60"x37"
King Industrial	KC-S5016					
Miller	KH-46		110V			32"x32"x24"
King Industrial	KC-TRT-6					
King Industrial	KM-120					
King Industrial	KCL-5212					
King Industrial	KCS-4015					
King Industrial	KC-DPRT-8					
King Industrial	KC-HVRT-8					

King Industrial PFM-9422
 King Industrial PFM-9426
 King Industrial PFM-9424
 King Industrial 20I-M-123016

110 YES

85"

Bomaker

110

1524 x 915

King Canada 8520LP

220V

Compressed air - drop from ceiling

1830 x 1830 minimum

ESAB Fabricator 252I

230V

220 v

610 x 1220

110v

Mighty forge

Cast Master

GG_10K

110v-220v

110v-220v

hardwired

Gas connection

Gas connection

Gas connection

Vented

16"x18"x20"

46cm x 44cm x 36cm

Vevor

Husky Steel

BTKTAK16



110

YES

4000L x 915D x 1830H

YES

WEIGHT

COMMENTS

<https://www.kingcanada.com/en/products/metalworking/metal-lathes/kc-1440ml-2km-054-14-x-40-metal-lathe-wtaper-attachment>
<https://www.kingcanada.com/en/products/metalworking/sharpeners-wet-dry/kc-4900s-10-wetdry-sharpener-kit>
<https://www.kingcanada.com/en/products/metalworking/metal-lathes/kc-1620clm-16-x-20-combo-lathemill>
<https://www.kingcanada.com/en/products/accessories/milling-drilling-machines/kmv-3m-3-swivel-base-milling-vise>

<https://www.kingcanada.com/en/products/metalworking/bench-grinders/kc-1090-10-bench-grinder>
<https://www.kingcanada.com/en/products/accessories/milling-drilling-machines/kcv-6n-6-cross-slide-vise>
<https://www.kingcanada.com/en/products/metalworking/milling-drilling-machines/1050vs-vertical-turret-milling-machine-600v-3-phase>
<https://www.kingcanada.com/en/products/metalworking/bandsaws---metal/kc-450-18-metal-cutting-bandsaw>
<https://www.kingcanada.com/en/products/metalworking/bandsaws---metal/kc-918s-v-9-x-18-metal-cutting-swivel-bandsaw-220v>
<https://www.kingcanada.com/en/products/accessories/bandsaws---metal/kbb-918-14-131-34-x-032-x-1--14-tpi-metal-cutting-bandsaw-blade>
portable hand truck style

<https://www.kingcanada.com/en/products/metalworking/cut-off-saws/8342ln-14-cut-off-saw>
<https://www.homedepot.ca/product/general-international-14-inch-15a-metal-cut-off-saw/1001122905>
<https://www.kingcanada.com/en/products/metalworking/drill-presses/kc-122fc-ls-22-drill-press-with-safety-guard>

Floor Mounted

Floor Mounted

<https://www.kingcanada.com/en/products/metalworking/metal-forming-machines/kc-s5016-50-x-16-ga-slip-roll>

<https://www.kingcanada.com/en/products/accessories/metal-lathes/kc-trt-6-tailstock-for-rotary-table>
<https://www.kingcanada.com/en/products/accessories/milling-drilling-machines/km-120-20-pc-titanium-coated-end-mill-set>
<https://www.kingcanada.com/en/products/accessories/milling-drilling-machines/kcl-5212-52-pc-12-clamping-kit>
<https://www.kingcanada.com/en/products/accessories/milling-drilling-machines/kcs-4015-18-pc-collet-set-iso-40>
<https://www.kingcanada.com/en/products/accessories/metal-lathes/kc-dprt-8-dividing-plate-for-rotary-table>
<https://www.kingcanada.com/en/products/accessories/milling-drilling-machines/kc-hvrt-8-8-horizontal-vertical-rotary-table>

<https://www.kingcanada.com/en/products/accessories/milling-drilling-machines/pfm-9422-table-powerfeed--x-axis>

<https://www.kingcanada.com/en/products/accessories/milling-drilling-machines/pfm-9426-table-powerfeed--z-axis>

<https://www.kingcanada.com/en/products/accessories/milling-drilling-machines/pfm-9424-table-powerfeed--y-axis>

<https://www.kingcanada.com/en/products/accessories/metal-lathes/30i-m-123016-fagor-digital-readout-system--3-axis-12-x-30-x-16-scales>

Wall or ceiling boom mounted

Required only if ceiling speakers removed as scope ladder item.

[LINK TO PRODUCT](#)

Heavy-duty on rolling casters.

~20 lbs

Movable clip light

<https://www.kingcanada.com/en/products/metalworking/vacuums-wet-dry/8520lp-5-gallon-wet-dry-vacuum>

50lb capacity, minimum

on stands

3/8" steel top

note: this is a propane unit, but is fitted with an adapter to take natural gas

for the cast master foundry <https://www.anvilbrewing.com/-p/anv-forge-gasconv.htm>

<https://vevor.ca/products/round-horn-66-lb-blacksmith-forged-steel-anvil-hardy-hole-metal-work-portable>

Fastened to timbers or stumps

600lb capacity

<https://www.homedepot.ca/product/husky-steel-hand-truck-600-lb-capacity-p-loop-handle/1000103752>

Industrial-grade, 2,500lb / shelf

Industrial-grade, 500lb / shelf





21.00 Science Department

EQUIPMENT NAME

NEW / EXISTING EXISTING ITEM NUMBER

CATEGORY

CATEGORIES

A Owner Supplied, Design-Builder Installed

B Owner Supplied, Owner Installed

C Design-Builder Supplied, Design-Builder Installed

21.00 Science Theory Studios

21.01a, b, c, d, e, f Studio 1, 2, 3, 4, 5, 6

(Note: Equipment is per room)

Smartboard	NEW	A
External Speakers Soundbar	NEW	A
Tall locking storage cabinet	NEW	C
Desks & chairs / stools	NEW	A
Laptop	EXISTING	B

21.02 Super Lab - Physics / Chemistry / Biology

21.02a Super Lab

(Note: Equipment is divided into 3 sciences for clarity)

Accessible lab bench	NEW	C
Open lab shelving	NEW	C
Closed lower lab shelving	NEW	C
Upper lab cabinetry for glassware	NEW	C

Physics	Closed upper lab cabinetry	NEW	C
	Lab benches with lower closed cabinetry	NEW	C
	Accessible lab bench	NEW	C
	TV	NEW	A
	Adjustable mirror over demo table	NEW	C
	Laptop	EXISTING	B
	External Speakers Soundbar	NEW	A
	Goggle UV sterilizers	NEW	A
Chemistry	Lab station	NEW	C
	Accessible lab station	NEW	C
	Fume hood	NEW	C
	Gas station @ benchtop	NEW	C
	TV	NEW	A
	Adjustable mirror over demo table	NEW	C
	Laptop	EXISTING	B
	External Speakers Soundbar	NEW	A
	Closed storage shelves	NEW	C
	Upper lab cabinetry	NEW	C
	Tall glass front cabinet - lab coat storage	NEW	C
	Goggle UV sterilizers	NEW	A
	Biology	Lab station	NEW
Accessible lab bench		NEW	C
Gas station @ benchtop		NEW	C
TV		NEW	A

Adjustable mirror over demo table	NEW		C
Laptop	EXISTING		B
External Speakers Soundbar	NEW		A
Tall glass front cabinet - lab coat storage	NEW		C
Bacterial culture incubator	EXISTING	HCR item 155	A

21.02b Prep / Storage

Kettle	NEW		B
Microwave	NEW		C
Refrigerator	NEW		C
Dishwasher	NEW		C
Preparation bench	NEW		C
Lab storage with doors	NEW		C
Teacher work stations	NEW		C
Lab Bench	NEW		C
Open lab shelving	NEW		C
Lower cabinetry with doors	NEW		C
Extra deep lower cabinetry	NEW		C
30 Laptops and a charge cart	NEW		A
Phone	NEW		A

21.02d Chemical Storage

Lab Bench	NEW		C
Upper lab cabinetry	NEW		C
Flammable Storage Cabinet	EXISTING		A
Corrosives Storage Cabinet	EXISTING		A
Fume hood	NEW		C

21.02e Student Breakout Space

Microwave	NEW		C
Kettle	NEW		B

QUANTITY	BRAND	MODEL NUMBER	ELECTRICAL	DATA	MECHANICAL	PLUMBING
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1			110	YES		
1	Bomaker		110			
30						
1			110	YES		

28 students		(1) Quad 110 / station			
1 bench (2 students)		(1) Quad 110 / station			
	1	110	YES		
	1				
	1	110	YES		
	1 Bomaker	110			
	2	110			
7 stations (4 students each)		(2) Quad 110 / station			Gas YES
1 station (2 students)		(2) Quad 110 / station			Gas YES
	1	Yes			Ventilation & Gas YES, cup sink
	8				Gas
	1	110	YES		
	1				
	1	110	YES		
	1 Bomaker	110			
	1				
	2	110			
28 students		(1) Quad 110 / station			
1 bench (2 students)		(1) Quad 110 / station			
	8				Gas
	1	110	YES		

1		
1	110	YES
1 Bomaker	110	
1		
1	110	

1		
1	YES	
1	YES	
1	YES	
2		
6	YES (2 duplex / station)	

30	110	
1		YES

1			
1			
1	YES	Ventilation & Gas	YES, cup sink

1	YES
1	YES

SIZE	WEIGHT	COMMENTS
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	~20 lbs	
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[Required only if ceiling speakers removed as scope ladder item.](#)

[LINK TO PRODUCT](#)

floor to ceiling, deep shelves, power outlet inside for secured charging

10m length. To be coordinated with lab layout and approved by Owner.		
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20m length. To be coordinated with lab layout and approved by Owner.		
--	--	--

10m length. To be coordinated with lab layout and approved by Owner.		
--	--	--

Along sides of superlab.

Locations as per sciences below

See Appendix 1B - Room Data Sheets

Along sides of superlab.

Locations as per sciences below

See Appendix 1B - Room Data Sheets

Along sides of superlab near sinks.

Locations as per sciences below

See Appendix 1B - Room Data Sheets

10m length. To be coordinated with lab layout and approved by Owner.

1220W / student

1220W / student

85"

6'6" long, 3' width.

Along sides of superlab near sinks.
Locations as per sciences below
See Appendix 1B - Room Data Sheets.
Glass front

(2) students / workstation
Accessible bench to be at end of rows.
Suitable for (2) students
Wall or ceiling boom mounted
Mirror when in tilted position for demo and viewing should have its lowest point at 6 feet

~20 lbs

[Required only if ceiling speakers removed as scope ladder item.](#)

[LINK TO PRODUCT](#)

To be placed in the Superlab. One between physics/chem and the other between chem/biology assuming aligned physics-chem

1220W / student

1220W / student

3 sided teaching fumehood. 2440W minimum

85"

6'6" long, 3' width.

Each lab station to be provided with power, water, gas for four students.
Open at work stations, cabinetry below worktop
With power, water, gas, open below worktop
Locate between chemistry and biology sections
At each (4) student workstation
Wall or ceiling boom mounted
Mirror when in tilted position for demo and viewing should have its lowest point at 6 feet

~20 lbs

[Required only if ceiling speakers removed as scope ladder item.](#)

[LINK TO PRODUCT](#)

At lab perimeter.
Side counters for glassware.
28 coats
To be placed in the Superlab. One between physics/chem and the other between chem/biology assuming aligned physics-chem

1220W / student

1220W / student

85"

closed & locking microscope storage below benches
Accessible bench to be at end of rows.
Suitable for (2) students
At end of lab bench
Wall or ceiling boom mounted

6'6" long, 3' width.

Mirror when in tilted position for demo and viewing should have its lowest point at 6 feet

~20 lbs

[Required only if ceiling speakers removed as scope ladder item.](#)

[LINK TO PRODUCT](#)

28 coats

26"x17.5"x17.5"

1500W

Full size for biology specimens etc.

including locking cabinet

10m

10m

10m at Lab Bench

2.4m

10m

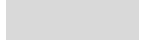
6m

Open at work stations, closed cabinetry below worktop

1830mm wide

Pass through / two sided fumehood; one side chemical prep area, second side superlab

1500W



m-bio

m-bio

22.00 Learning Communities

CATEGORIES

A Owner Supplied, Design-Builder Installed

B Owner Supplied, Owner Installed

C Design-Builder Supplied, Design-Builder Installed

	EQUIPMENT NAME	NEW / EXISTING	EXISTING ITEM NUMBER	CATEGORY
22.01 Flex Classrooms				
	TV	NEW		A
	Laptop	EXISTING		B
	External Speakers Soundbar	NEW		A
	30 laptops and a charge cart	NEW	mac or windows lease returns	A
22.02 Classroom				
	TV	NEW		A
	Laptop	EXISTING		B
	External Speakers Soundbar	NEW		A
	Smartboard TV	NEW		A
	30 laptops and a charge cart	NEW	mac or windows lease returns	A
	ipad kit and 30 ipads	EXISTING - LEASE		A
	Phone	NEW		A
22.03 Exploration Classroom				
	TV	NEW		A
	Laptop	EXISTING		B
	External Speakers Soundbar	NEW		A
	Document Camera	NEW		A
22.07 Collaboration				
22.08 Kitchenette				
	Microwave	NEW		C
	Kettle	NEW		B

22.09 Learning Community Breakout Space

TV

NEW

A

External Speakers Soundbar

NEW

A

QUANTITY	BRAND	MODEL NUMBER	ELECTRICAL	DATA	MECHANICAL	PLUMBING	SIZE	WEIGHT
	1		110	YES			85"	
	1		110	YES				
see comment	1 Bomaker		110					~20 lbs
			110					
	1		110	YES			85"	
	1		110	YES				
4 (see comments)	1 Bomaker		110					~20 lbs
1 per learning community			110	YES				
1 per learning community			110					
	1			YES				
	1		110	YES			85"	
	1		110	YES				
	1 Bomaker		110					~20 lbs
	1		110					
	1		YES				1500W	
	1		110					

1

110

YES

85"

1 Bomaker

110

~20 lbs

COMMENTS

Wall or ceiling boom mounted

[Required only if ceiling speakers removed as scope ladder item.](#)

[LINK TO PRODUCT](#)

we have two flexrooms. 1 set shared between the two, not 1 set each flex room

Wall or ceiling boom mounted

[Required only if ceiling speakers removed as scope ladder item.](#)

[LINK TO PRODUCT](#)

1 / Learning Community, 4 total (1 Learning Community without smartboard)

Future device - data ports to be provided to accommodate

Wall or ceiling boom mounted

[Required only if ceiling speakers removed as scope ladder item.](#)

[LINK TO PRODUCT](#)

Built into millwork

Wall or ceiling boom mounted

[Required only if ceiling speakers removed as scope ladder item.](#)

[LINK TO PRODUCT](#)

23.00 Mech / Elec / Comm	EQUIPMENT NAME	NEW / EXISTING	EXISTING ITEM NUMBER	CATEGORY	QUANTITY
CATEGORIES					
A	Owner Supplied, Design-Builder Installed				
B	Owner Supplied, Owner Installed				
C	Design-Builder Supplied, Design-Builder Installed				
23.01 Electrical Room					
23.02 Mechanical Room					
23.03 Data Room					
	Network Equipment Racks	NEW		A	1
	Network switches	NEW		A	11
	Server	NEW		A	1
23.04 Fire Sprinkler System Room					
23.05 Data Closets					
	Network switches	NEW		A	see comment

BRAND	MODEL NUMBER	ELECTRICAL	MECHANICAL	DATA	PLUMBING	SIZE	WEIGHT	COMMENTS
		yes	yes					
		yes	yes					These will be appear in the data room and d
		YES	yes					
								Data closet needed on each floor. The switch

[Redacted]

[Redacted]

[Redacted]

ata closets spread out in number depending on location of computer labs and high use spaces

[Redacted]

[Redacted]

nes noted in 23.03 are totalled there, but will be allocated across the floors

24.00 Design Space

	EQUIPMENT NAME	NEW / EXISTING	EXISTING ITEM NUMBER	CATEGORY
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CATEGORIES

- A** Owner Supplied, Design-Builder Installed
- B** Owner Supplied, Owner Installed
- C** Design-Builder Supplied, Design-Builder Installed

24.01a Washrooms - Student and Staff

24.01b Stairs / Ramps & Elevator (plus Mach. Rm.)

24.01c Walls - Interior and Exterior wall thickness

24.01d Corridors with Lockers & Alcoves

Moonboard	NEW		A
Moonboard	NEW		A
Moonboard floor pad	NEW		A
Lockers	NEW		C
TV	NEW		A

24.01e Lobby

24.01f Janitor Closets / Housekeeping

24.01g Displays

24.01h Duct Risers

24.01i Shipping and Receiving

CATEGORY	BRAND	MODEL NUMBER	ELECTRICAL	DATA	MECHANICAL	PLUMBING
	1 Moonboard			YES		
	1 Moonboard			YES		
	2 Moonboard					
Refer to Schedule 1 - Statement of Requirements 3 PER FLOOR				110	YES	

SIZE	WEIGHT	COMMENTS
25 degree; minimum space requirements: 3700mm height, 2440mm width, 1550mm depth		Powder coated steel freame, pre-drilled, pre-painted w/T-nutted panels. LED System.
40 degree; minimum space requirements: 3150mm height, 2440mm width, 2350mm depth		Powder coated steel freame, pre-drilled, pre-painted w/T-nutted panels. LED System. Includes large crash mats for falling off of moonboards
85"		Wall mounted

25.00 HEALTH & WELLNESS CENTRE **EQUIPMENT NAME** **NEW / EXISTING** **EXISTING ITEM NUMBER** **CATEGORY**

CATEGORIES

- A** Owner Supplied, Design-Builder Installed
- B** Owner Supplied, Owner Installed
- C** Design-Builder Supplied, Design-Builder Installed

25.01 Waiting Area / Lounge

Microwave	NEW	B
Dishwasher	NEW	B
Refrigerator	NEW	B
Coffee maker	NEW	B

25.02 Reception

Printer / Copier / Fax combo	NEW	B
------------------------------	-----	---

25.03 Open Office Area

Desktop or laptop computer	NEW	B
Phone	NEW	B
Workstation	NEW	B
Specimen Refrigerator	NEW	B
Minifridge	NEW	B

25.04 Exam & Counselling Room

Murphy bed exam table	NEW	B
Diagnostic equipment	NEW	B
Exam Light	NEW	B
Computer cart station	NEW	B

25.09 Small Group Counselling Room

Telehealth Equipment	NEW	B
Telemedicine Equipment	NEW	B

25.11 File Room			
	Filing Cabinets	NEW	B
25.12 Large Group Counselling Room			
	Telehealth Equipment	NEW	B
	Telemedicine Equipment	NEW	B
25.13 Clean Utility Room			
	Vaccine refrigerator	NEW	B
	Stand up freezer	NEW	B
	UPS Backup system	NEW	C
25.14 Storage Room			
25.15 Staff Washroom			
26.16 Client Washroom			
25.17 Equipment Storage			
	Dishwasher	NEW	B
25.18 Data Closet			
	Data Rack	NEW	A
25.19 Clinic Coordinator/Manager Office			
	Desktop computer with monitor	NEW	B
	Workstation	NEW	B

QUANTITY	BRAND	MODEL NUMBER	ELECTRICAL	DATA	MECHANICAL	PLUMBING
1			YES			
1			YES			YES
1			YES			
1			110			
1			110	YES		
3			110			
3				YES		
3			110	YES		
1			110			
2			110			
1						
1			YES			
1			110			
1			110			
1			YES			
1			YES			

3

1

YES

1

YES

1

110

1

110

1

YES

1

YES

YES

1

YES

YES

1

110

YES

1

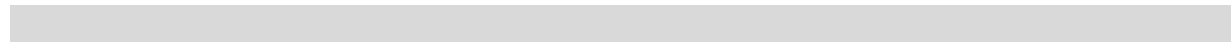
110

YES

SIZE	WEIGHT	COMMENTS
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1500W
610mm wide standard
Full-Sized, 16cf+



Full-Sized, 16cf+



Wall-mounted
Wall-mounted





Full-Sized, 16cf+

Full-Sized, 16cf+

See Schedule 1 - Statement of Requirements



610mm wide standard



See Schedule 1 - Statement of Requirements



26.00 Indigenous Language & Culture Centre	EQUIPMENT NAME	NEW / EXISTING	EXISTING ITEM NUMBER	CATEGORY	QUANTITY
CATEGORIES					
A	Owner Supplied, Design-Builder Installed				
B	Owner Supplied, Owner Installed				
C	Design-Builder Supplied, Design-Builder Installed				
26.00 Gathering Place / Longhouse / Meeting Place / Learning Space					
26.01 Learning Space					
26.02 Elders' Room					
26.03 Kitchen					
	Microwave	NEW		C	2
	Refrigerator	NEW		C	1
	Freezer	NEW		C	1
	Dishwasher	NEW		C	1
	Range	NEW		C	2
	Double wall oven	NEW		C	1
	Range Hood	NEW		C	2
26.04 Audio Recording Room					
26.05 Audio Library & Listening Room					
	Audio recording equipment	NEW		A	1
26.06 Chair & Table Storage					
26.07 Storage Room					

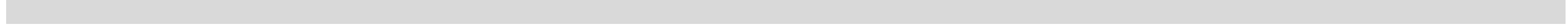
BRAND	MODEL NUMBER	ELECTRICAL	DATA	MECHANICAL	PLUMBING	SIZE	WEIGHT	COMMENTS
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		YES				1500w		
		YES				21c.f.		Commercial Grade
		YES				21c.f.		Commercial Grade
		YES				15c.f.		Commercial Grade
		YES				4-burner		Commercial Grade
		YES						
		YES		Vented				Over cooktop



			110	YES				
--	--	--	-----	-----	--	--	--	--



28.00 SD79 FACILITATION SPACE

EQUIPMENT NAME

NEW / EXISTING

EXISTING ITEM NUMBER

CATEGORY

CATEGORIES

- A** Owner Supplied, Design-Builder Installed
- B** Owner Supplied, Owner Installed
- C** Design-Builder Supplied, Design-Builder Installed

28.01 High Tech Board Room

TV	NEW		A
Conference Table	NEW		A
Board room Camera	NEW		A
All in one Microphone/Sound Bar System	NEW		A
Mixing board	NEW		A
Phone	NEW		A

28.02 Kitchen

Microwave	NEW		C
Undercounter refrigerator	NEW		C

QUANTITY	BRAND	MODEL NUMBER	ELECTRICAL	DATA	MECHANICAL	PLUMBING	SIZE
2				110	YES		85"
1			110 and USB integrated	YES, integrated			seating for 12
1			110		physical digital/audio connections		
1			110		physical digital/audio connections via conduit		
1			110		YES		
1					YES		
1				YES			1500W
1				YES			610mm wide

WEIGHT COMMENTS

Wall mounted

Table for 12, but capacity of room is 40. Each seat at the table to have integrated power and data

Centrally located

Physically connected via conduit to the all in one microphone/sound bar system

29.00 Design Space

EQUIPMENT NAME

NEW / EXISTING

EXISTING ITEM NUMBER

CATEGORY

QUANTITY

CATEGORIES

- A** Owner Supplied, Design-Builder Installed
- B** Owner Supplied, Owner Installed
- C** Design-Builder Supplied, Design-Builder Installed

29.01a Washrooms - Student and Staff

29.01b Stairs / Ramps & Elevator (plus Mach. Rm.)

29.01c Walls - Interior and Exterior wall thickness

29.01d Corridors with Lockers & Alcoves

29.01e Lobby

29.01f Janitor Closets / Housekeeping

29.01g Displays

29.01h Duct Risers

