



NORTHERN HIGHLANDS

REGIONAL HIGH SCHOOL



ONE to ONE
technology
INITIATIVE

Template created by
Doreen Albano



Committees/Tech Teams

TAC Members

Dan Cazes - Co-Chair	Julie Goldberg
Jose Madhavasseril - Co-Chair	Kimberly Hayes
Scot Beckerman	Tony LaRocca
Brad Siegel	Jennifer Lederman
Joseph Occhino	Michael McCabe
Michael Koth	Daniel O'Kane
Robert Petrosino	Kristen Schumacher
Steven Simonetti	Noah Britton
Tiffany Cohen	Justine Engel
Doreen Albano	Shlok Goyal
Greg deLorenzo	David Lee
Laura Florez	Ali Malik

1-to-1 Committee Members

Scot Beckerman- Chair

Dan Cazes

Jose Madhavasseril

Joe Occhino

Brad Siegel

Mike Koth

James Davis



Goals & Objectives

1. Increase Communication
2. Increase Collaboration
3. Individualized Instruction
4. Standardization
5. Flexibility
6. Innovation
7. 24/7 Access to All Curriculum



1-1 Technology Initiative Timeline

- March 2015: Tech Action Committee (TAC) presented BOE with MS Surface Pro
- April 2015: Purchased Teacher devices
- July 2015: Preparation for Teacher devices
- August 2015: Teachers received their devices
- Sept. - Dec. 2015: Administrative Tech Team plans rollout of 1 - 1
- Sept. 2015 - June 2016: Staff receive PD
- December 2015: TAC chose Canvas as LMS Platform
- January 2016: BOE Tech Committee Reviews 1 - 1 plan



1-1 Technology Initiative Timeline

- February 2016: Full Presentation to BOE on 1 - 1 plan
- Summer Technology Workshops
- Spring 2016
 - Device & Accessory purchase
 - Devices imaged and asset tagged
- Summer 2016
 - Student/Parent Signoff & Training
 - Prepare Computer labs with docks
 - Install Charging Stations
 - Furniture
- September 1 & 2, 2016 - Staff PD on opening days of 2016/2017 school year



Advantages of the MS Surface Pro 4

- Touchscreen
- Stylus Pen
- Processor Speed
- Weight
- Ability to run software across the curriculum
 - CAD, Adobe Cloud Suite, etc.
- Tablet/Laptop
- Windows Operating System



BOE Policies Reviewed

2360 P&R: Use of Technology

2361 P&R: Acceptable use of Computer Networks

2363: Use of Privately Owned Technology

3282: Use of Social Networks- Teaching staff

3283: Electronic Communications Between Teaching Staff

Members and Students (NEW)

4282: Use of Social Networks- Support staff

4283: Electronic Communications Between Support Staff

Members and Students (NEW)

5516: Use of Electronic Communication & Recording Devices

7522: School District Provided Technology Devices to Staff

7523: School District's Provided Technology Devices to Students



Laptop Agreement Form

Technology Acceptable Use

QUESTION	ANSWER
BEFORE COMPLETING THIS FORM, PLEASE READ THE DISTRICT'S ACCEPTABLE USE POLICY .	
I have read the District's Acceptable Use Policy and I understand that my child is expected to abide by same.	* Yes/No
I understand that the District is employing filtering software, but that it is not always effective. I also understand that when my child is accessing the district computer system from outside of school, I am responsible to provide appropriate supervision.	* Yes/No
As a parent/guardian, I hereby give my permission for my child to access the district computer system which includes access to the Internet and e-mail.	* Yes/No

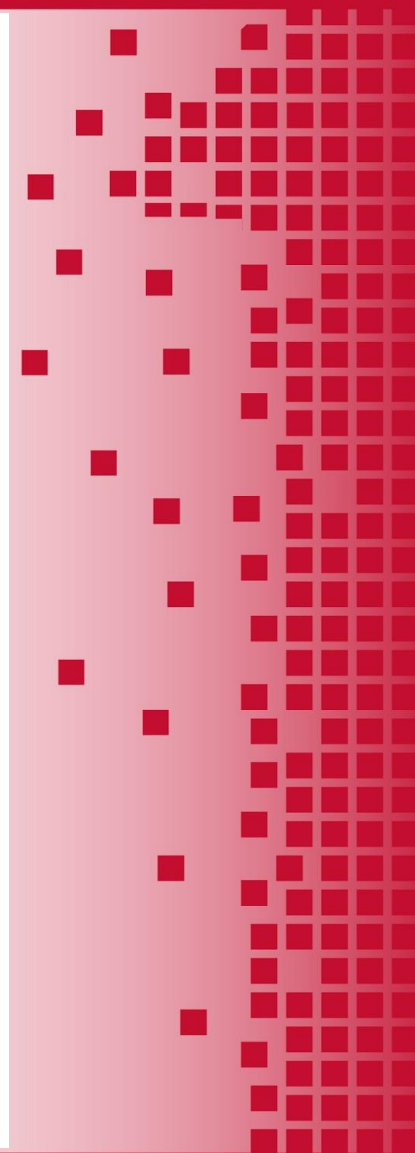


Laptop Agreement Form

Computer Agreement Form

ALL STUDENTS OF THE NORTHERN HIGHLANDS REGIONAL HIGH SCHOOL DISTRICT ARE ISSUED A COMPUTER FOR THEIR EDUCATIONAL USE. IT IS OUR BELIEF THAT IF REASONABLE PRECAUTIONS AND CARE ARE TAKEN IN THE USE OF THE COMPUTER, THE COMPUTER SHOULD NOT EXPERIENCE PHYSICAL DAMAGE. EACH PARENT IS ASKED TO READ THIS FORM CAREFULLY. PLEASE CHECK OFF THAT YOU HAVE READ EACH STATEMENT THAT FOLLOWS AND DIGITALLY SIGN THE ONLINE FORM WHEN COMPLETED.

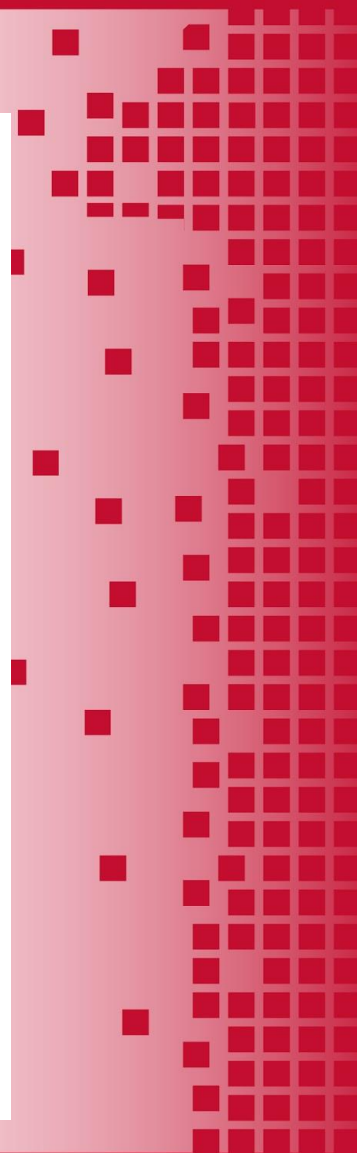
PERSONAL RESPONSIBILITIES:	ANSWER
1. I/We understand that the computer and its accessory equipment are the property of the Northern Highlands Regional High School District.	* Yes/No
2. I/We understand that the student, with the support of the parent, is responsible for the daily care and maintenance of the computer.	* Yes/No
3. I/We understand and agree to abide by the rules and regulations of Board Policy - 2361 - Technology Acceptable Use. Failure to abide by the policy will result in disciplinary action.	* Yes/No
4. I/We understand that the computer will be returned at the end of each school year for annual upgrades and maintenance.	* Yes/No
5. I/We understand that I/We must report all computer damages or the theft/loss of the computer to the Technology Department at my school.	* Yes/No
6. I/We understand that the computer must be in its case when being transported as a reasonable precaution against damage, theft or loss.	* Yes/No
7. I/We understand that I/We will be responsible for all repair/replacement charges associated with computer damages caused intentionally, through a lack of reasonable precautions or loss/theft. Costs will be set by repair professionals authorized to act in such capacity as part of the agreement between the school district and the manufacturer.	* Yes/No
8. I/We understand that unless instructed otherwise by a teacher, all students must have their computer with them each day for every class.	* Yes/No
9. I/We understand that each computer includes coverage for accidental damage, theft and/or catastrophic loss. I will be responsible for the annual fee for this coverage.	* Yes/No
ACCIDENTAL DAMAGE PROTECTION (ADP):	
10. I/We understand that each computer includes accidental damage coverage. I/We understand that in order to receive ADP coverage, damages must result from an accident. Details of the accident must be submitted with every accidental damage claim.	* Yes/No





Laptop Agreement Form

<p>11. I/We understand that if, in the opinion of the building administrators, it is felt that the student did not exercise proper care and/or take appropriate precautions, and this behavior resulted in damage to the laptop, the cost of the repair will be the responsibility of the student/parent.</p>	<p>* Yes/No</p>
<p>12. I/We understand that in the event there are repeated "accidents" of a similar nature, the school administration may view this as a situation whereby the student did not exercise proper care and/or reasonable precautions. In the event this should be the case, the cost of the repair will become the responsibility of the student/parent.</p>	<p>* Yes/No</p>
<p>THEFT/LOSS COVERAGE:</p>	
<p>13. I/We understand that in the event the computer is stolen, I/We must contact the school administration immediately. I/We understand that a police report must also be filed.</p>	<p>* Yes/No</p>
<p>14. I/We understand that in the event the computer was stolen as a result of carelessness, this coverage will not be made available to us and we will be responsible for the full replacement cost of the computer.</p>	<p>* Yes/No</p>
<p>OTHER:</p>	
<p>15. I/We understand the computer may record and/or collect information on the student's use of the device as it is equipped with a camera, microphone, location tracking technology, and usage logging software.</p>	<p>* Yes/No</p>
<p>16. I/We understand that the district shall not use any of the capabilities in a manner that would violate the privacy rights of the student or any individual residing with the student, pursuant to N.J.S.A. 18A:36-39.</p>	<p>* Yes/No</p>





NHRHS Laptop Incident Form



NHRHS Laptop Incident Form

Please report any damage, loss, or other issue that will incur a fee/charge on this form.

Your username (@northernhighlands.org) will be recorded when you submit this form. ? [Sign out](#)

* Required

Name *

Select One *

Inventory Tag #

Date of incident *

Where did issue occur?

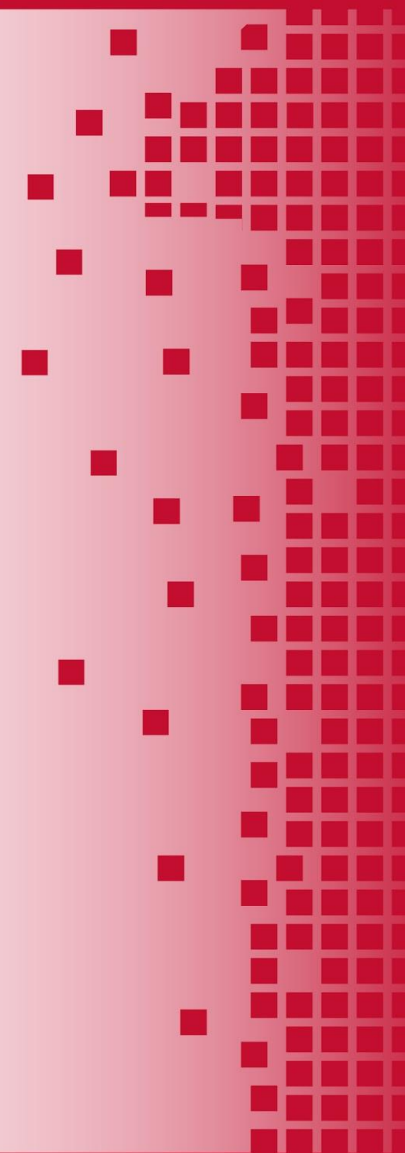
If lost, was a police report filed?

Please describe the loss, damage, or other issue.

Send me a copy of my responses.

Submit

Never submit passwords through Google Forms.





MS Surface Pro 4 Cost

Estimated (14-15 Presentation to BOE)

Cost per Device
*\$970 per device

**Estimate did not include any accessories.*

Estimated Cost (1400 devices)
\$1,358,000

Cost per year (over 4 years)
\$339,500

Actual

Cost Per Device
\$978

Includes:

- MS Surface Pro 4 EDU Bundle: \$928
- *Tracking Software: \$13
- *Case: \$35
- *Lanyards: \$2

Actual Cost (1400 devices)
*\$1,369,200

Lease Amount

\$1,299,998

Cost per year (over 4 years)

**\$310,805.25

* One-time costs included which are not used for lease
**Based on \$100,000 upfront payment and sub 2% financing is expected based on discussions with bond agent



Additional Purchases

Software & Learning Management System

- Estimated Microsoft Licensing - \$10,000 per year
- Estimated Monitoring Software - \$10,000 per year
- LMS - *\$12,400 per year

*In addition one time setup fee of \$5,000 for first year

Total
\$32,400 per year

Additional Purchases

Re-outfit Labs/Rooms



Large monitors, chargers, & docks

- Rooms to be Re-Fitted

- 101, 102 ,103 (CBT), 134 (CAD),
- 210 (Fling/Publications), 234 (Comp. Prog.),
Library & Art, 125/126, & 217
- Total Number of Stations - 175

- Costs

- Dock - \$160
- Keyboard/Mouse - \$0
- Monitor - \$160
- Charger - \$60

Total - \$380 per station



Total
\$48,500



Additional Purchases

Charging Stations

Charging Stations

7 Bretford TechGuard Charging Lockers

Unit Cost - \$3,100

- Cafeteria - Three 10 Unit Stations (30 Total)
 - Main, Middle, Senior

- Outside Locker Rooms - Two 10 Unit Stations
 - Boys and Girls

- Media Center

Total
\$21,700





Additional Purchases

Media Center Remodel

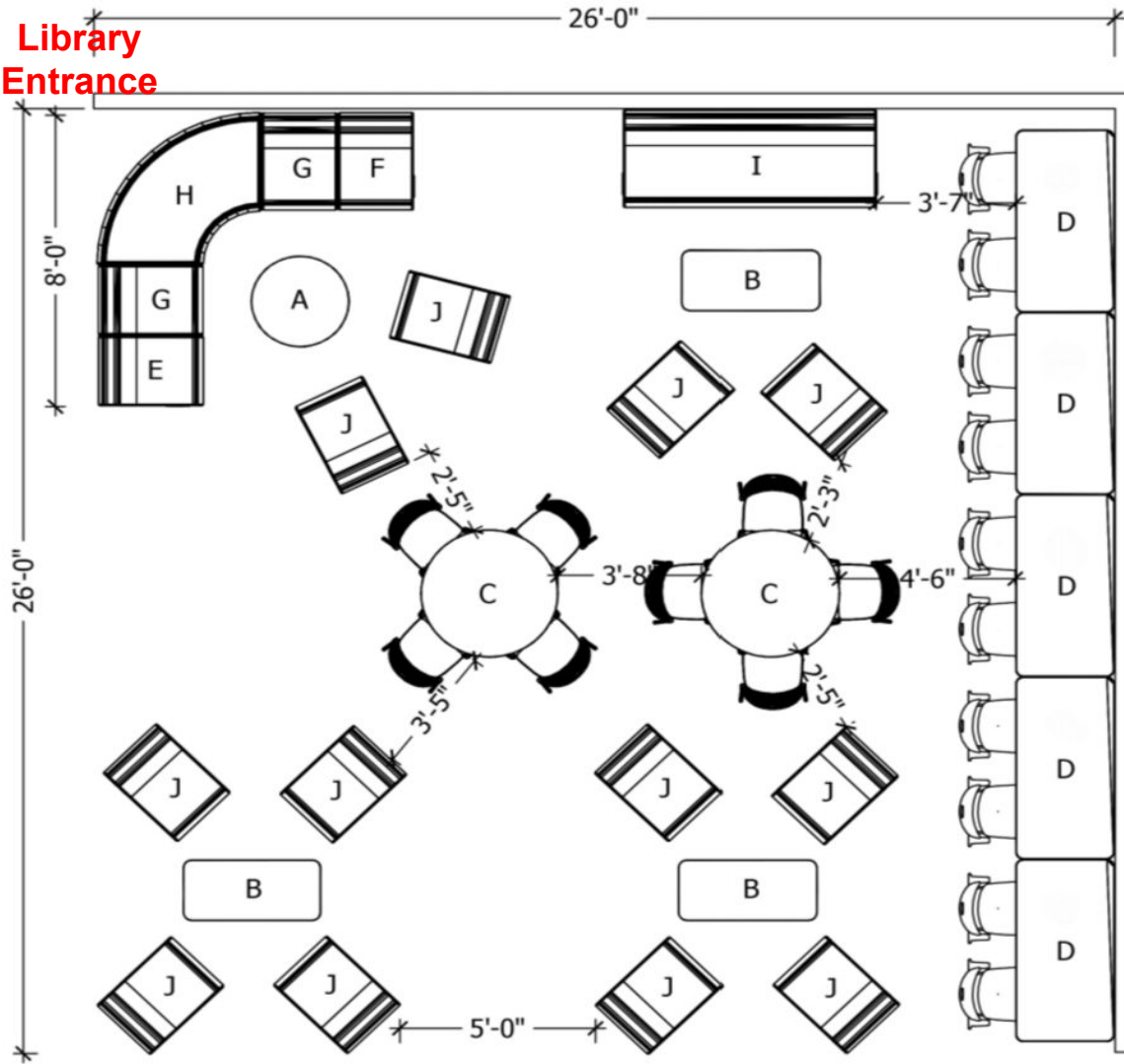
- Purchase new furniture to allow for improved student collaboration & communication
- Proposed Plan - Front of Library \$24,982
- Proposed Plan - Middle of Library \$20,683
- Electrical Cost - *\$25,000
- Total Estimated Cost - \$70,665

*Estimated cost - quotes are still being finalized



Front of Library

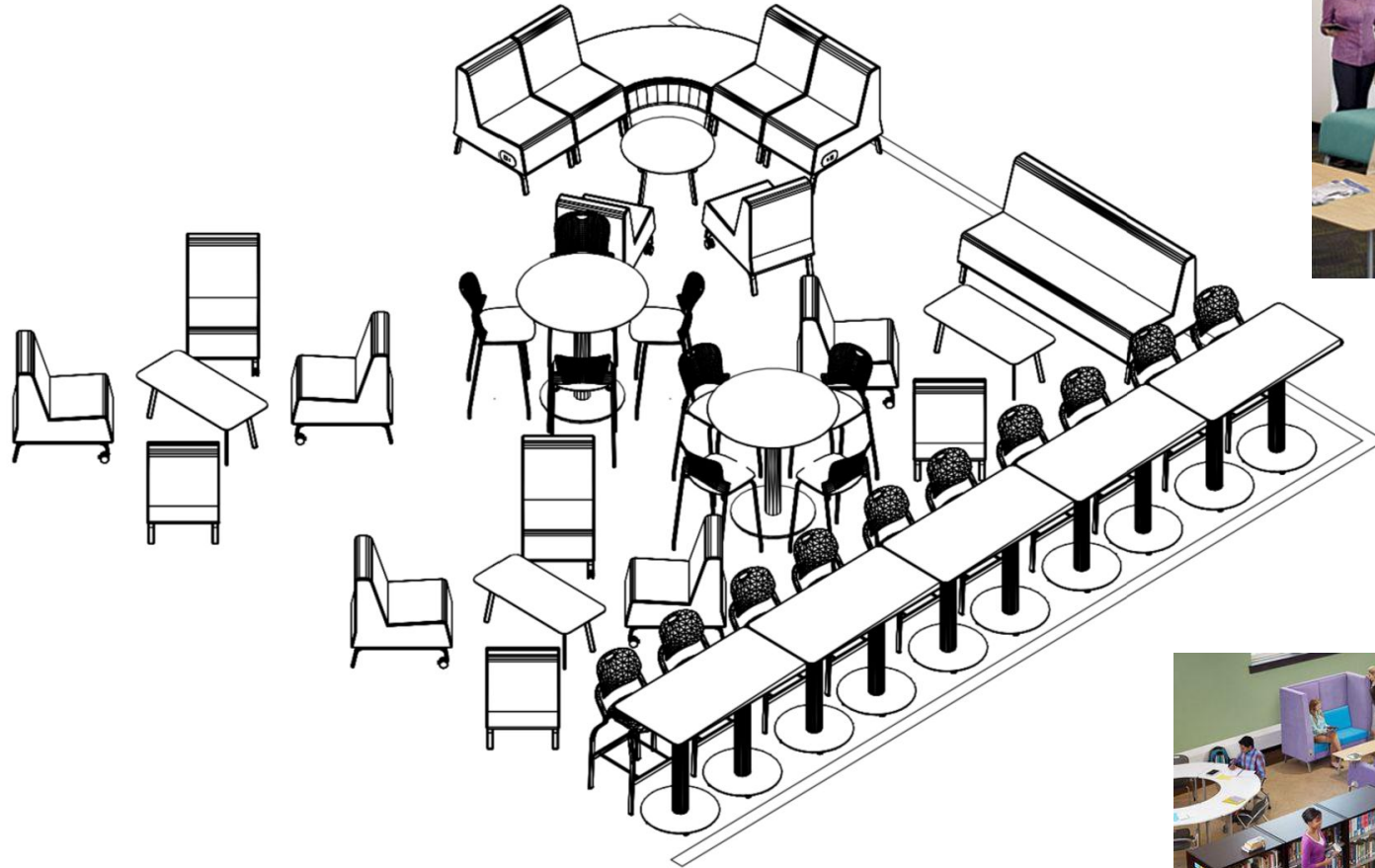
Library Entrance





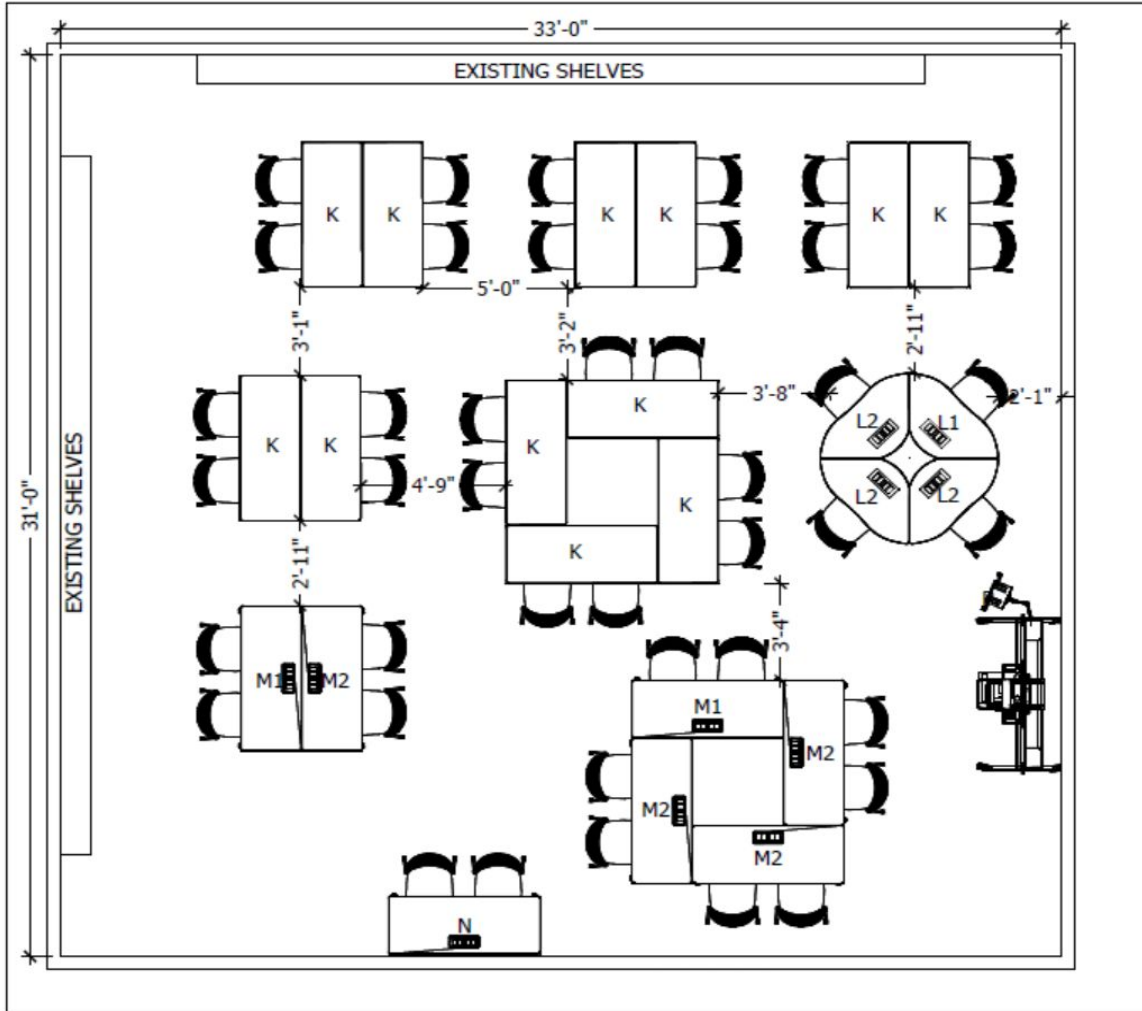
Front of Library

Library Entrance



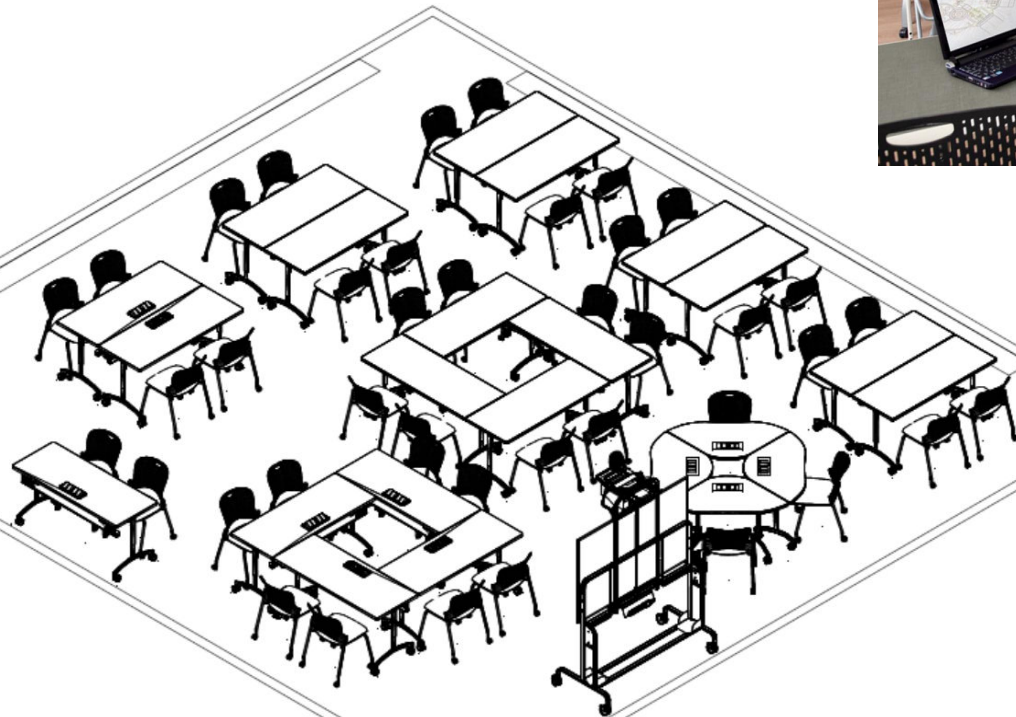


Middle of Library





Middle of Library





Total Cost Summary

Item	1st Year Cost	Each additional year
Surface 4's	310,805.25 total (\$303,671.93 + \$7,133.32 interest)	\$310,805.25
Software	\$32,400	\$32,400
Re-Outfit Labs & Rooms	\$48,500	\$0
Charging Stations	\$21,700	\$0
Media Center	\$70,655	\$0
Tech Position	\$55,000 plus benefits	TBD based on negotiations/benefits cost



Insurance

Third Party Insurance

Insurance would cover:

- Accidental Damage
- Theft
- Vandalism
- Warranty

\$136 per student, per year

Self Insurance

Insurance would cover:

- Accidental Damage
- Theft
- Vandalism
- Warranty

\$100 per student, per year

*Note that Northern Highlands has chosen to self-insure devices based on savings to parents/students



Insurance Waiver

Liability Waiver

Parents;

The administrative staff at Northern Highland High School has selected the Worth Ave. Group as an Insurance provider for the school purchased Microsoft Surface Pro 4. While you are not required to purchase the Insurance, we strongly advise that you do as their coverage will protect your student's device against; cracked screens, liquid spills, theft, vandalism, fire, flood and other natural disasters. If you choose not to purchase coverage for your student's device, please be advised you are liable for any and all damages done to the Microsoft Surface Pro 4 while in your student's possession.

repair costs;

Replacement cost

If you have decided not to purchase the insurance, please sign below to accept full responsibility for your student's device.

Signature: _____ Date: _____

Thank you



Learning Management System

- TAC reviewed LMS
 - Canvas, Schoology, and Google Classroom
 - TAC decision - Canvas (<https://www.canvaslms.com/>)
 - Features:

- ePortfolios
- Analytics and Reporting
- Notification Preferences
- Wiki Pages
- Parent Portal
- Quizzes
- Web Conferences

- Feedback with audio and video
- Calendar
- Chat
- Collaborative Workspaces
- Standards
- Discussions



Learning Management System

CANVAS LMS

LMS

LEARNING MANAGEMENT
SYSTEM



Student/Parent Training

Summer Student Workshops - 2016 only

- Two per week throughout August
- One day and one night session
- 1 hour
- Sign off & Device Pickup
- Training
 - Hardware
 - Digital Citizenship
 - Policy/ Usage Requirements
 - OneNote

2017 & Beyond

- Built into Freshman Orientation

Resource Needs



- New Hires: One Level 1 Tech
- Two Teacher Periods: Reduce two teachers by one period each. These two periods will be used as in class support for other teachers **(pending availability after scheduling of students has concluded)**
- Teacher Duties: Basic functions such as signing in broken devices, inputting devices dropped off, etc.
- Technology Resource Location
- RM 204 - New Technology Room
- Network Room
 - Storage of Equipment
 - Genius Bar during lunch hours manned by staff and a tech



Questions?

