

2015-16 Tablet Proposal

Members of the Board,

I would like to introduce what I think is the best proposal for continuing the 1:1 student learning program 2015-16.

Due to the device issues, the current tablet program has identity issues. I would like to rebrand the 1:1 program. Working with staff, we have come up with the following branding:



Power up your education North Boone! We are Future Ready! We want our stakeholders to know that North Boone Schools is giving our students 21st century education and to be proud of it!

The new program would stop using the current touch screen Android tablets. Tablets are very easy to break (Just like a touch screen smartphone) and educational resources are not easy to come by. Before we purchased these devices, we read many articles that stated a new “tablet friendly website programming language” is going to take over the web. Three years later, this language is not found in very many educational websites. Many workarounds have been put into place, but the device still does not have the full functionality of a windows computer. (This not an issue with just our tablets, it’s a problem with iPads, Chromebooks also)

What would we do with all of these devices?

The current 8th graders devices (Tf300) would be sold off while the 7th graders devices (tf103) would be re-purposed throughout the district. The 7th graders (tf103) devices would replace the (tf300) devices in re-purposed areas.

(Insert chart)

What would we replace all of these devices with?

We would like to replace the current 1:1 program with HP Stream 11 Pro non touch screen, windows based Sub notebook. The device is very reliable and we have buy in from the current 1:1 teachers. The cost is about \$365 and includes 3 years of manufactures warranty, 3 years of accidental protection, and a protective bag. The Asus listed is another feasible device, but we chose the HP due to a better processor and better parts availability. Many other districts have also chosen this device.

Brand	Model	Price	OS	Duration of warranty	Warranty Cost	Duration of Accidental	Accidental Insurance	Student Bag	Per device Cost
HP	Stream 11 Pro	\$225.00	Windows	3 years	\$50.00	3 Years	\$70.00	\$20.00	\$365.00
Asus	X205-EDU	\$230.00	Windows	3 years	\$90.00	3 Years	\$0.00	\$20.00	\$340.00



What grades would we have these devices?

We would continue to start the program in 7th grade. 2015-16 would include 7-9th graders.

The financials.

Computers wear out over time. Especially computers that are used by students. The devices are used most of the day and are transported between classes and go home. This type of use takes a toll on the device. That is why I proposed to have the devices leased on a three year interval. As stated, the proposal includes a 3 year defect and accidental warranty. At the end of three years, we would send the devices back to the leasing company in the suburbs.

The numbers below will change from year to year based on enrolment and device cost. This should give you an estimate on what the 5 year program costs will be if the device cost, enrollment and leasing costs stay the same.

	5 Year Future costs estimate for preferred HP device							
	Grades	Devices	Non lease Cost	Purchase cost after s	Yearly lease cost	Lease cost after Student	Lease cost calculated on	Notes
2015-16	7, 8, 9	450	\$164,250.00	\$130,500.00	\$53,752.00	\$20,002.00	\$20,002.00	
2016-17	7	130	\$47,450.00	\$37,700.00	\$15,567.00	\$5,817.00	\$25,819.00	
2017-18	7	130	\$47,450.00	\$37,700.00	\$15,567.00	\$5,817.00	\$31,636.00	
2018-19	7, 10, 11, 12	527	\$192,355.00	\$152,830.00	\$86,949.00	\$47,424.00	\$47,424.00	Purchase 12th graders laptops. (\$24,000) Cycle into district when they grad, update 20 loaners Student purchases new bag if needed
2020-21	7,	130	\$47,450.00	\$37,700.00	\$15,567.00	\$5,817.00	\$29,817.00	
5 year costs		1367	\$498,955.00	\$396,430.00	\$187,402.00		\$154,698.00	

12th Gr \$24,000 full purchase cost added to all lease fields in this line.

Update High School teacher's desktops to Laptops.

Teachers in the middle school all have laptops as primary computers. Laptops are extremely useful when changing curriculum to a 1:1 model. Many teachers create and continuously update lessons while at home. A vendor recently came out to the high school to showcase many different types of laptops. This gave the teachers the opportunity to evaluate the devices. The responses indicated that they would like to have to have a Surface pro 3 windows tablet with docking station, or Lenovo yoga.



The teachers liked the mobile devices. They envisioned walking around the room with the device to help students individually. These devices would also allow teachers to grade digital papers. (Comments via its stylus) A teacher device like these would be another step towards going paperless. Market pricing for these devices is about \$1000 each.

Over the past 3 years we have prepped our network and servers to support a 1:1 environment. Our middle school teachers have created amazing 1:1 curriculums. Many teachers who originally did not like the tablet program are now supporters. Student grades and attendance are up. I strongly believe that this device change, and program continuation is the best option for the students. We need to prepare our students for their future, not our past. Please consider this proposal.

Thanks.

Jerry Rudolph

Interim Technology Director