

Executive Summary Finance Committee Meeting

DATE: April 20, 2023

TOPIC: 1:1 iPad Update

PREPARED BY: Jordan Stephen

Recommended for:

- Action
- Discussion
- Information

Purpose:

Informational synopsis of 1:1 iPad program

Background:

Over the last number of months, the administrative team has been gathering proposals and renewals for the replacement equipment for students and staff within the district. During one of the past meetings the Finance Committee had requested an update on the District's 1:1 iPad initiative. This was a great exercise for the team as it gave us the ability to go back to review numbers and pricing comparisons from when this program initially was started within the district.

Since its inception, the focus of the One-to-One Personal Learning Program was designed to provide tools and resources for today's learners, and required that technology be seamlessly integrated throughout the educational program. In 2010, the District's research showed that the best tool to achieve this was to provide student experiences through an Apple iPad. The iPad provided personalized, mobile, and individual use of education tools to empower students to maximize their full potential and to prepare them for high school, college, and the workplace. The iPad is a device that makes learning more engaging and accessible.

Over the past months, the team has used current records of equipment, the district's internal inventory system, along with past purchase orders and internal discussions about deployment to present the following charts and information about the One-to-One Personal Learning Program at Lincolnwood School District 74.

INFORMATION:

The original version of the one-to-one personal learning program was designed around the instruction at grades 6, 7, and 8. 2011 was the first year that District #74 and Lincoln Hall moved forward with the program.

YEAR	IPADS	IPAD COSTS	IPAD CASE	WARRANTY	TOTAL	FLEET COST	1:1 Grades
2011	500	\$479.00	\$40.00	\$0.00	\$519.00	\$259,500.00	S 678 SP
2012	150	\$479.00	\$35.00	\$0.00	\$514.00	\$77,100.00	S 678 SP
2013	170	\$379.00	\$35.00	\$0.00	\$414.00	\$70,380.00	S 678 SP
2014	260	\$379.00	\$35.00	\$79.00	\$493.00	\$128,180.00	S 678 SP
2015	340	\$379.00	\$35.00	\$79.00	\$493.00	\$167,620.00	S 678 SP
2016	470	\$379.00	\$35.00	\$79.00	\$493.00	\$231,710.00	S 678 SP
2017	400	\$325.00	\$35.00	\$79.00	\$439.00	\$175,600.00	S 5 678 SP
2018	300	\$294.00	\$35.00	\$79.00	\$408.00	\$122,400.00	S 5 678 SP
2019	240	\$294.00	\$35.00	\$79.00	\$408.00	\$97,920.00	S 5 678 SP
2020	280	\$294.00	\$35.00	\$79.00	\$408.00	\$114,240.00	S 5 678 SP
2021	480	\$294.00	\$35.00	\$79.00	\$408.00	\$195,840.00	S 345 678 SP
2022	260	\$294.00	\$120.00	\$49.00	\$463.00	\$120,380.00	S PK12 345 678 SP
2023	270	\$284.00	\$110.00	\$49.00	\$443.00	\$119,610.00	S PK12 345 678 SP

In 2011 there was an initial purchase of 500 iPads that were disseminated to the staff members that were part of the program as well as grade level students in Lincoln Hall. The District also purchased spares in case of breakage or a shortage.

In 2012, you can see that the number of iPads purchased was significantly less. These years the district was purchasing roughly 150 iPads to be used for the incoming 6th grade students additional staff members This is common for the next number of years.

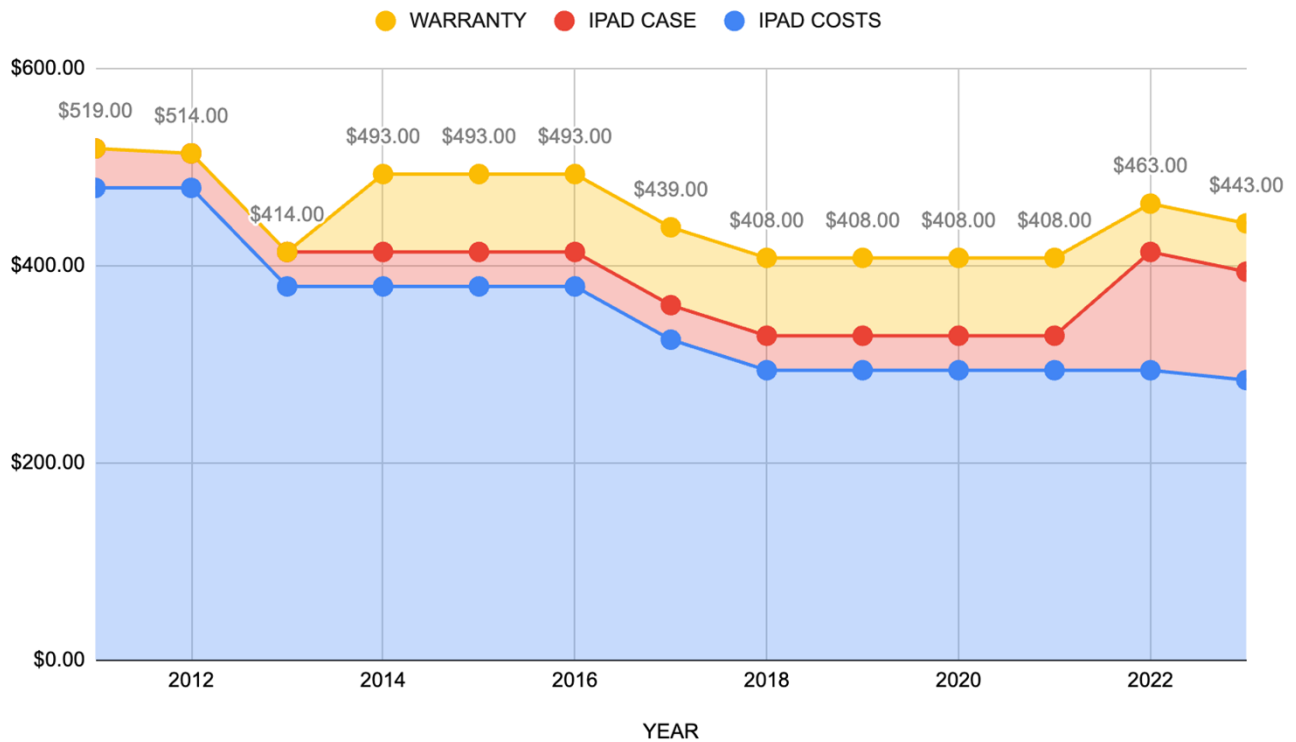
In 2015 the One-to-One Personal Learning Program was still targeted at the middle school. However you can see on the right hand columns that other grades have been included in the usage of the iPads. This equipment came from resources that have been handed from the upper grades. Many of these iPads were delivered in the forms of computers on wheels, (COWS for short). It is important to know if the district had both iPad COWS and laptop COWS available for student use in all grades from Kindergarten through 8th.

In 2017 the iPad program was moved down to 5th grade. These students and families do not have the option to buy these iPads as students in the middle school do, but they were used and recycled into the COWS, which were being used across the district.

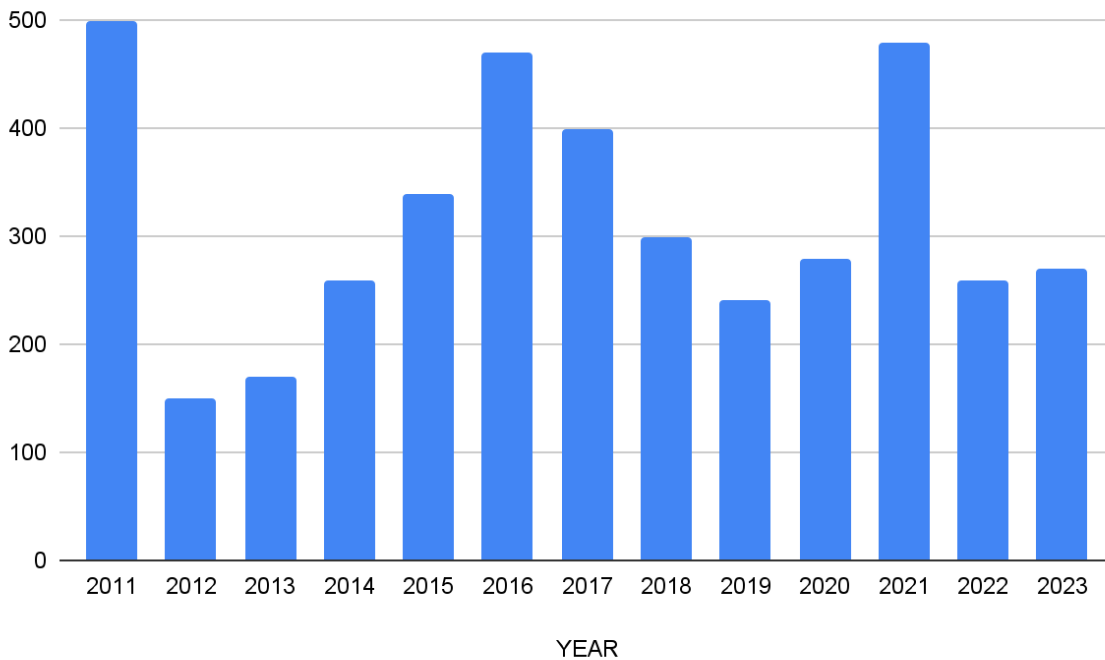
2019-2021 During the time of the pandemic, the district had purchased many 1:1 devices to distribute to students for both in-person and remote learning scenarios. District 74, much like every other district in the country, did an amazing job of preparing itself for the inevitable roll out of educational devices for every student in the district to help combat an uncertain future.

IPAD COSTS:

It is important to look at this data to see the changes in prices of the equipment, cases and warranties that are all part of this program.



The numbers of iPads purchased each year is dictated on a number of factors including the number of grades that were participating in the program, the number of new enrollments into the grade levels, the number of devices that need replaced each year, the numbers that are needed for a rental fleet, and those that were at end of life.



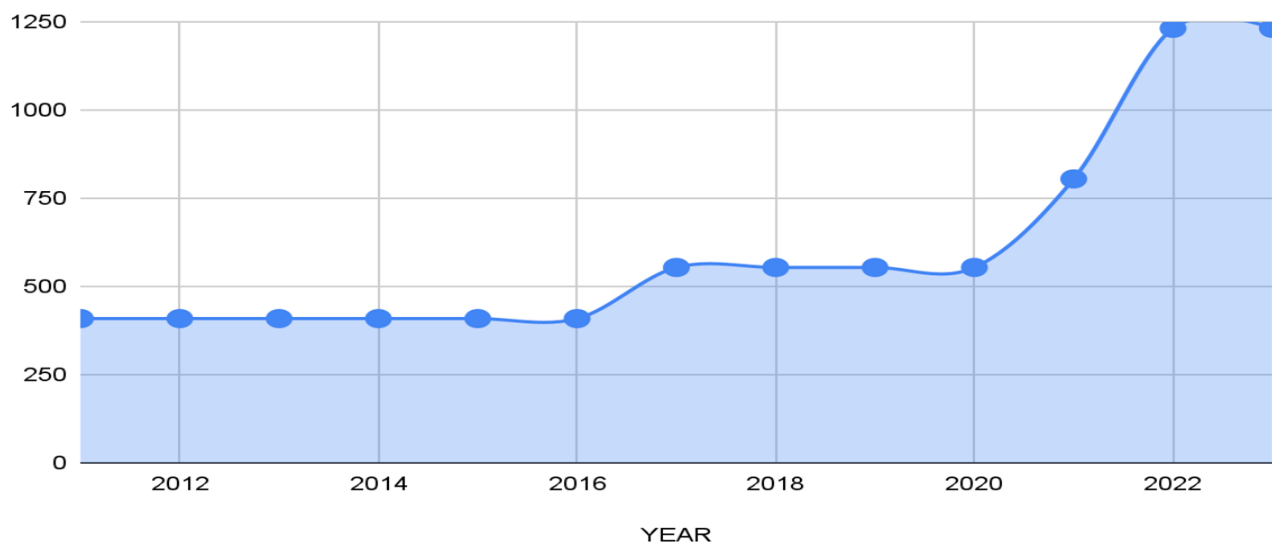
HARDWARE COMPARISON:

During 2021 and 2022, the team started researching the overall numbers of equipment that was available for students and staff members to use. As we know, equipment eventually needs to be replaced. Rather than replace over 150 laptops, we decided to change our focus and purchase more iPad resources. This made much more sense as our curriculum and software all run on this device at a fraction of the cost. With the addition of the new rugged case, complete with keyboard and trackpad, there are very few things that these modern iPads cannot accomplish.

YEAR	LAPTOPS	LAPTOP COSTS	WARRANTY	FLEET COST
2011	100	\$1,263.00	\$149.00	\$126,449.00
2012	75	\$1,263.00	\$149.00	\$94,874.00
2013	50	\$1,263.00	\$149.00	\$63,299.00
2014	240	\$1,098.00	\$149.00	\$263,669.00
2015	170	\$1,098.00	\$149.00	\$186,809.00
2016	120	\$1,098.00	\$149.00	\$131,909.00
2017	100	\$1,098.00	\$149.00	\$109,949.00
2018	50	\$1,098.00	\$149.00	\$55,049.00
2019	150	\$1,098.00	\$149.00	\$164,849.00
2020	50	\$899.00	\$149.00	\$45,099.00
2021	50	\$879.00	\$139.00	\$44,089.00
2022	0	\$0.00	\$0.00	\$0.00
2023	0	\$0.00	\$0.00	\$0.00

STUDENT REACH:

Through the small changes in hardware choice and purchasing and straying away from convention, District 74 has been able to change and offer state of the art equipment to students and teachers in all grade levels. Overall we are very well protected should we ever have to distribute our classroom equipment out to students for remote learning experiences.



District 74 was an early adopter of the iPad as an educational tool. Over the last decade, we have grown to offer high tech tools and curriculum resources to students of all ages. Combined with excellent teachers, coaches, support, and a rigorous curriculum, all students can continue to grow and fulfill the goals of the One-to-One Personal Learning Program.