



Executive Summary Finance Committee Meeting

DATE: April 20, 2023

TOPIC: 7th Grade STEM Lab Refresh For 2023-2024 School Year

PREPARED BY: Jordan Stephen

Recommended for:

- Action
- Discussion
- Information

Purpose:

The Board of Education approves all contracts and expenditures greater than \$10,000.

Background:

Over the last number of weeks the administrative team has been gathering information for proposals for the replacement of equipment within specific STEM labs at Lincoln Hall. The STEM labs in Lincoln Hall all use equipment in different ways as each grade level concentrates on different topics in conjunction with the Project Lead the Way (PLTW) Curriculum. After a discussion with the 7th grade teacher, and reviewing curricular needs, we have determined that the best solution would be to invest in a new Windows Based lab.

Many of the projects and activities that are offered within the 7th grade classroom focus around the core PLTW design software. Specifically, students' usage of AutoDesk, AutoCad, Revit and 3d Design software focus the needs of specific hardware for students to use. The students will take advantage of larger screens and for viewing projects as they have in the past.

Currently, the computers that are in the lab are older Intel MacOS based machines that were introduced in October of 2015 and have been modified so that they will run Microsoft Windows. Running the windows architecture on a modern iMac is no longer an option.

7th Grade STEM LAB:

- The Administrative team is recommending the following technology refresh at Lincoln Hall
- The District will purchase 23 Dell Inspiron 7710 all-in-one computers.
- These units will be combined with the 2 machines that the district purchased and was used for testing proof of concept.
- All computers being removed from Lincoln Hall will be recycled over the summer.
- During the last refresh of the STEM lab computers, the district would have spent roughly \$50,000 on the 27" iMac all-in-one computers systems.

Fiscal Impact:

Item	SD74 Bundle Price
27 Inch Dell Inspiron 7710 all-in-one Desktop	\$1,428.79
3-Year Service and Support	included
Total Cost for STEM Solution	\$32,862.17

Considerations:

- Based upon past practice, the team researched many all-in-one space saving units.
- Dell has been a great partner over the last number of years and has provided the District high quality products.
- Many of the items across the industry are being phased out due to supply and parts availability.
- Because of our dependence on specific graphic cards, options are somewhat limited.

Recommendation:

It is the Administrative recommendation that the Finance Committee concurs to recommend to the Board of Education to continue with the replacement of the 7th grade STEM lab computers in an amount not to exceed \$33,000.