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Source: cnet.com



Source: brandpotion.org

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Director of Curriculum & Instruction

Modernized Learning Pilot Findings

SFASD School Board Meeting

Agenda



- Welcome & Introductions (Stakeholder Group)
- Why? How? What?
- Lessons Learned
- Next Steps?
- Q & A

Stakeholder Group



- Awareness
- Input & Feedback
- Support

Modernized Learning at Spring-Ford



The goal is to be...

- **Educationally Relevant** through the use of up-to-date **Digital Resources**
- **Focused on Achievement & Growth** through the use and assistance of a **Learning Management** system

And all the while having a...

- **Priority on People** by focusing on **Professional Development** and **Differentiated Instruction**

Modernized Learning



Lessons Learned

Lessons Learned

Students:

- Students needed training on the devices, just as much as the teachers.

Lessons Learned

Teachers:

- Teachers needed training on:
 - Instructional strategies (utilizing the tools)
 - Classroom management (utilizing the tools)
 - Technology tools – devices, software, and online resources

Lessons Learned

Learning Management:

- Learning Management was important for managing classroom activities
- *Google Classroom* was used successfully and with little training
- *Blackboard* was used to a small degree, it was found to be difficult to use

Lessons Learned

Technology Implications:

- Needed improved wireless network coverage where there was a high density of devices
- Printing required additional software to allow mobile devices to print
- Mobile device management system was required for a large number of devices

Lessons Learned



Student Survey Results

(91 student respondents)

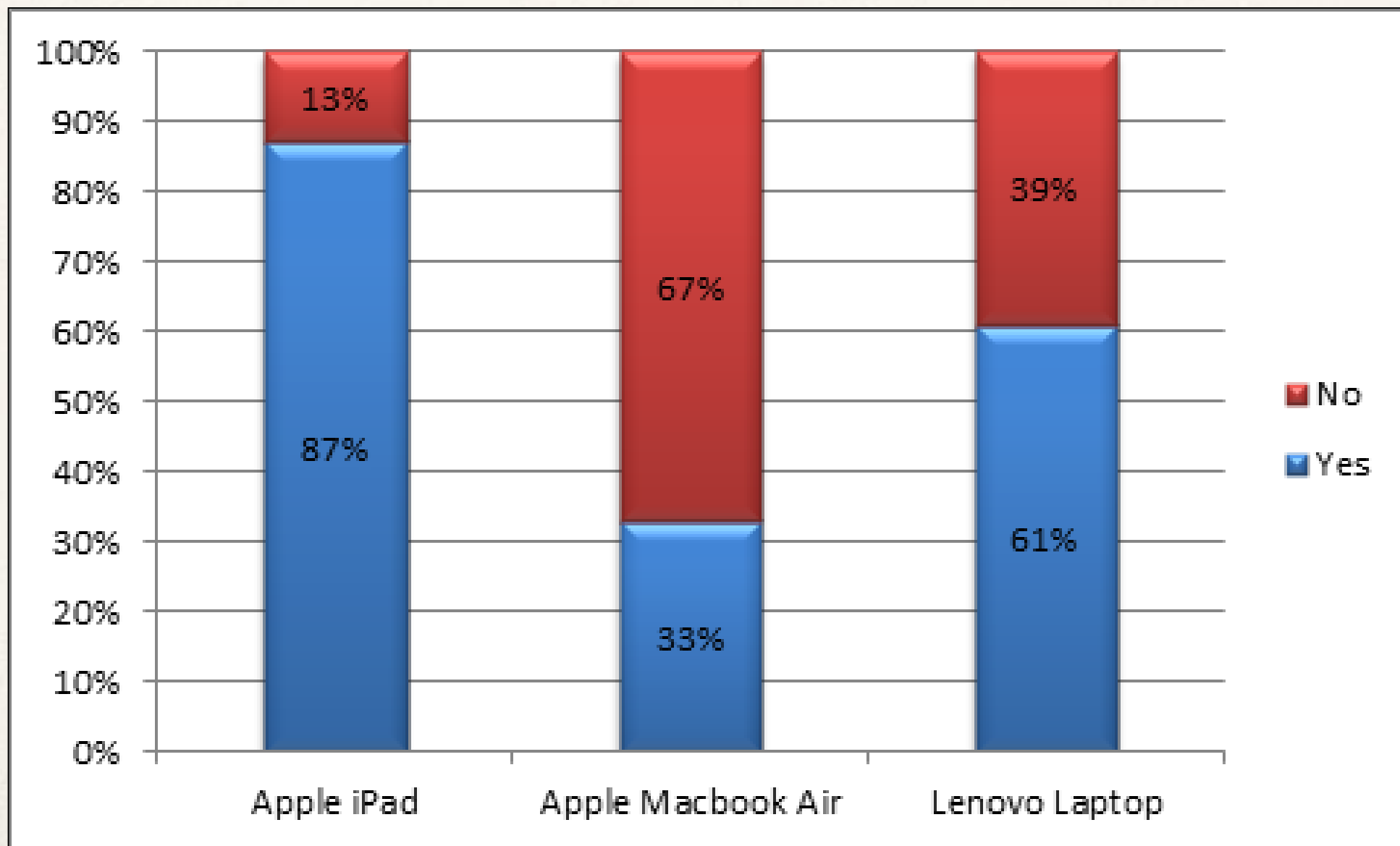
Lessons Learned: Student Survey Results

Did you like the computer device you received?

- Apple iPad - 46% liked the device they received
- Apple MacBook Air - 97% liked the device received
- Lenovo laptop - 26% liked, 74% preferred another device or nothing at all

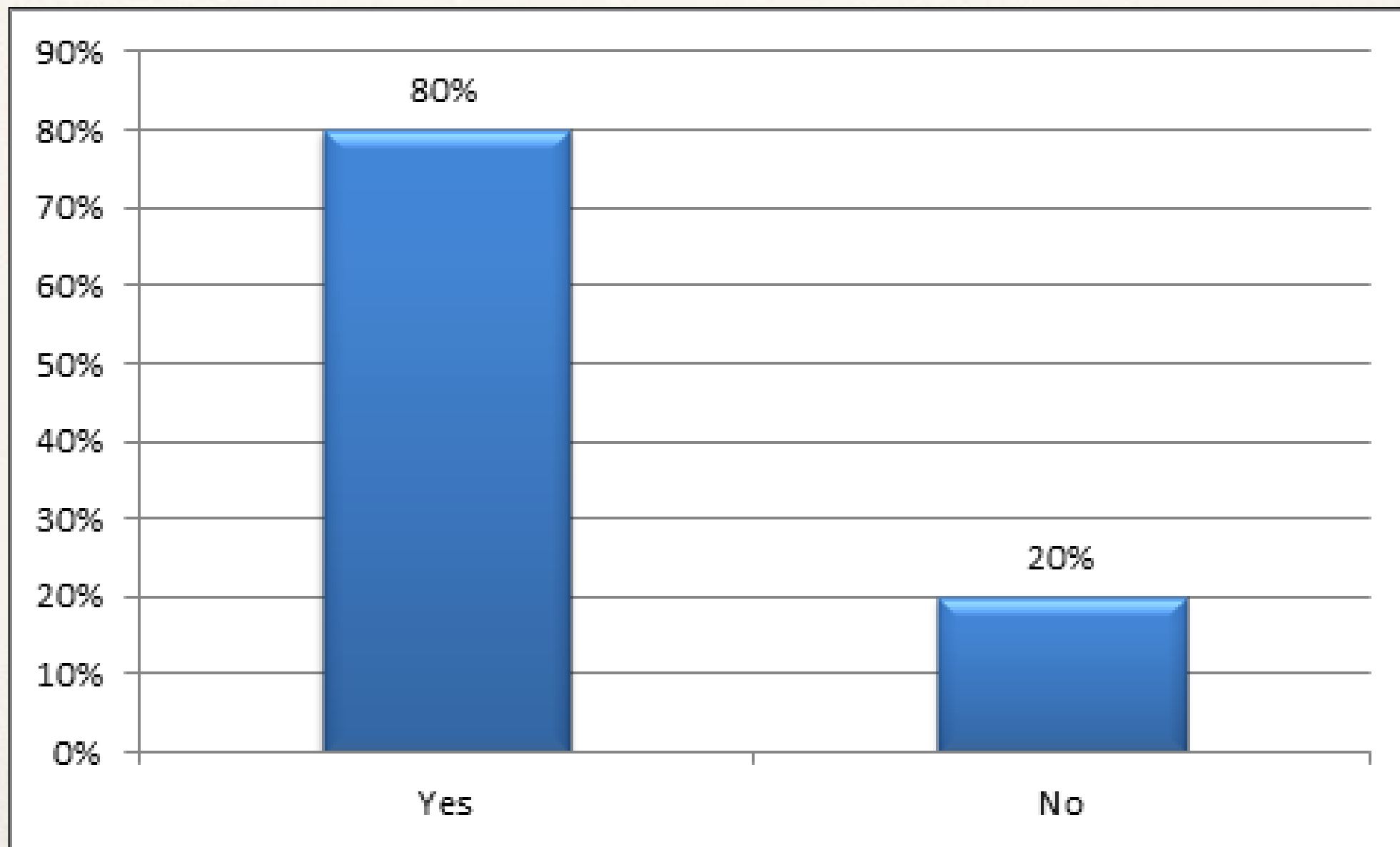
Lessons Learned: Student Survey Results

Did you have experience using the same type of device in the past?



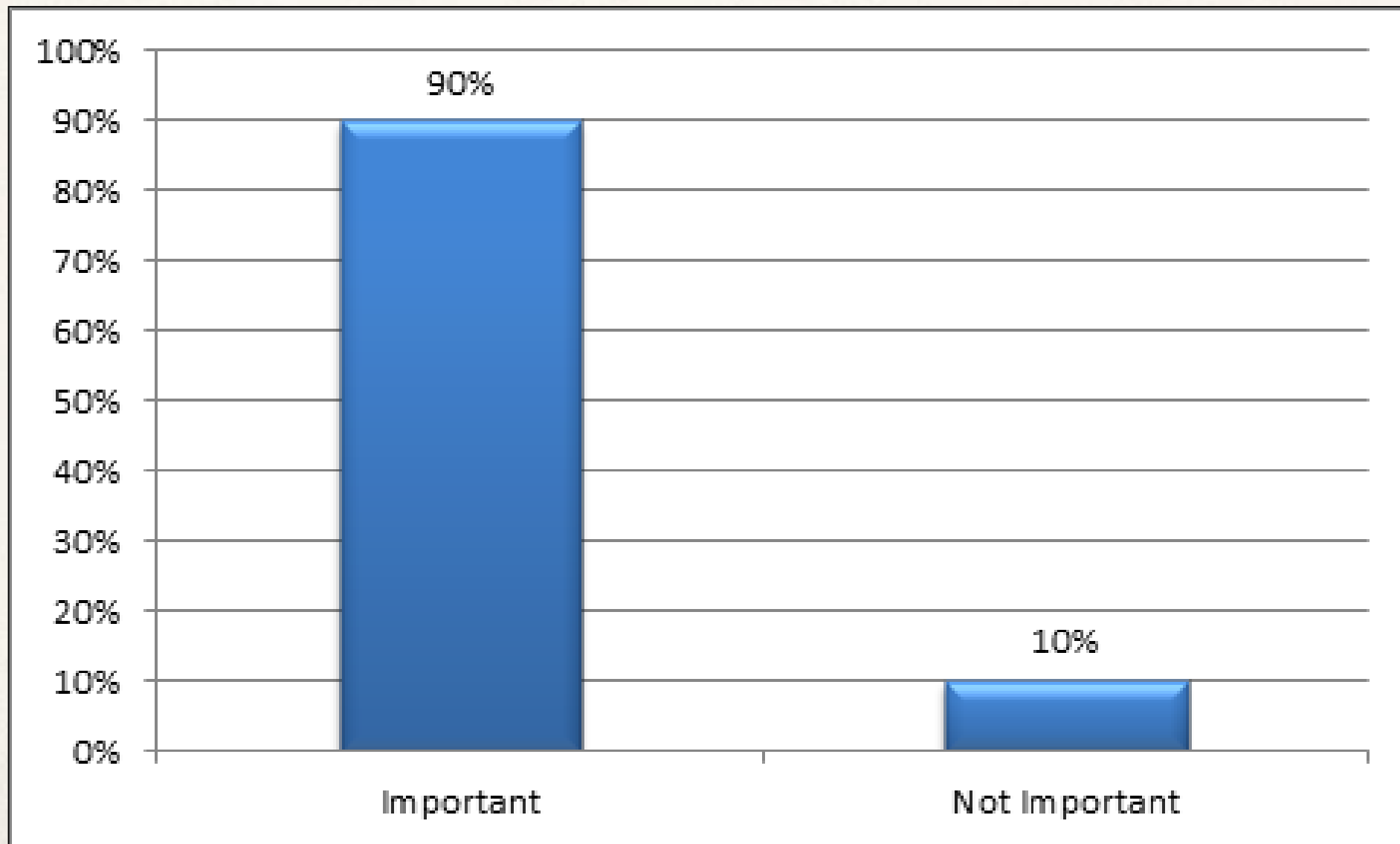
Lessons Learned: Student Survey Results

Did you use your device for schoolwork in your other classes?



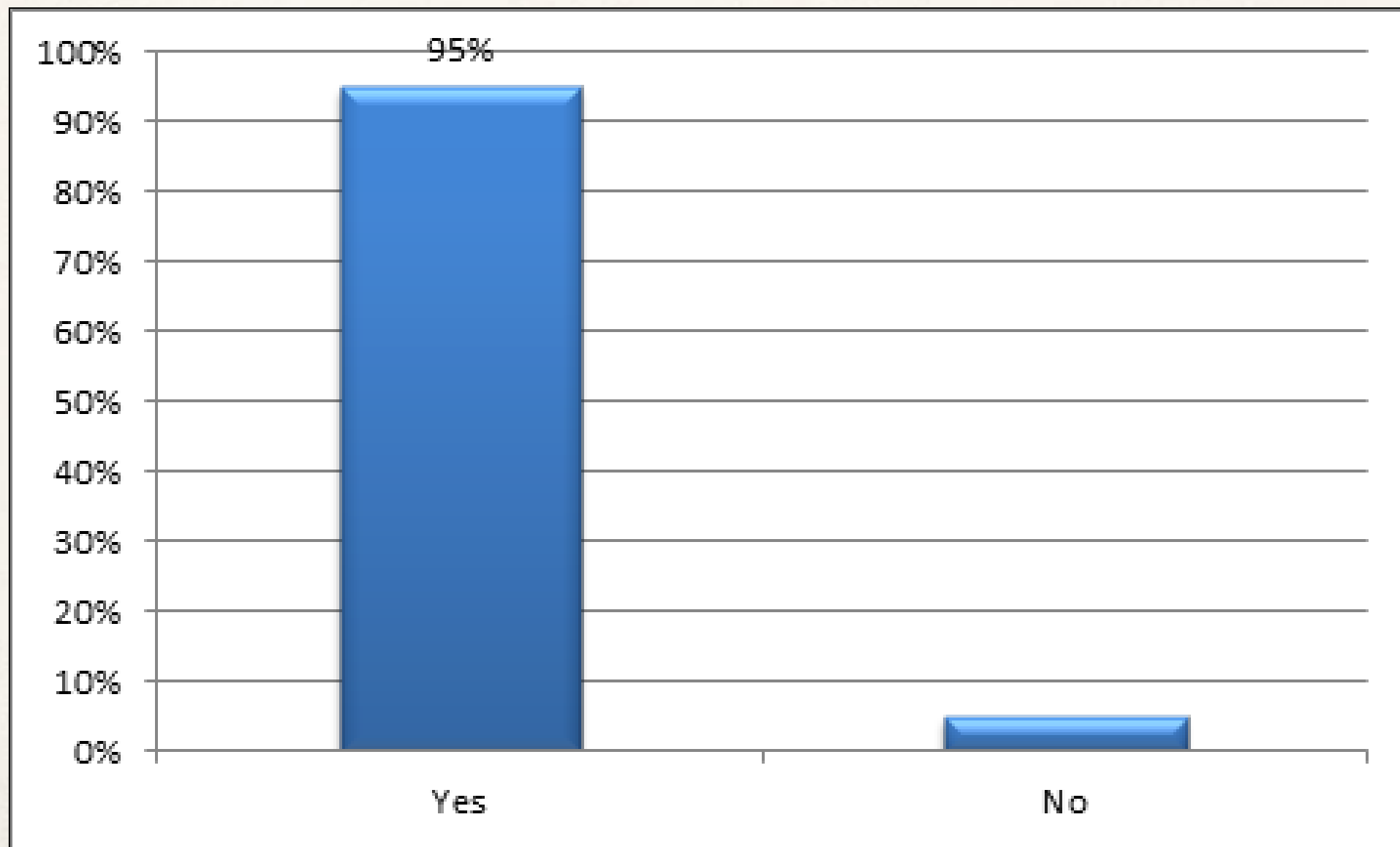
Lessons Learned: Student Survey Results

How important was it to be able to take your device home with you?



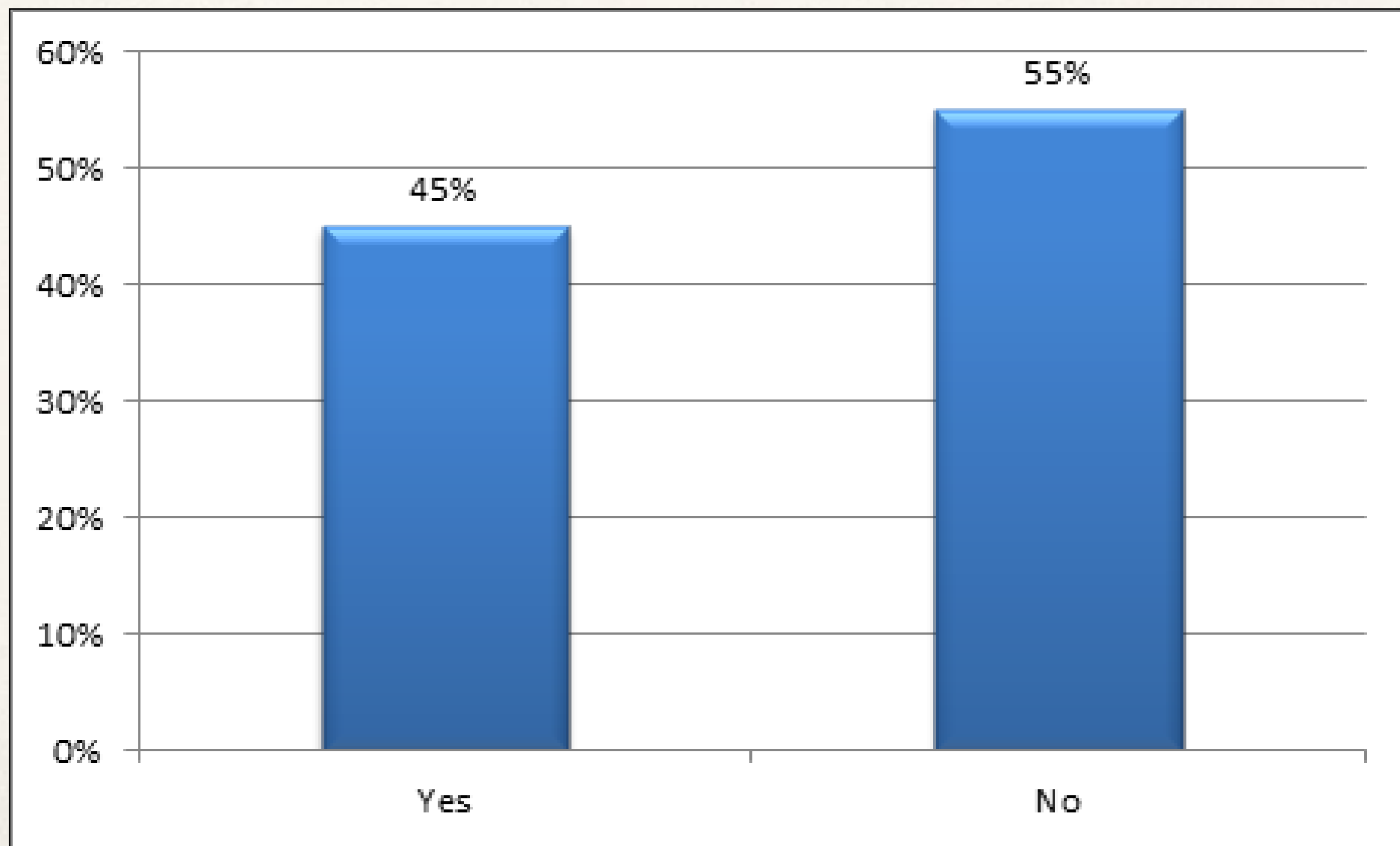
Lessons Learned: Student Survey Results

Do you own a computer device at home that you can use for schoolwork?



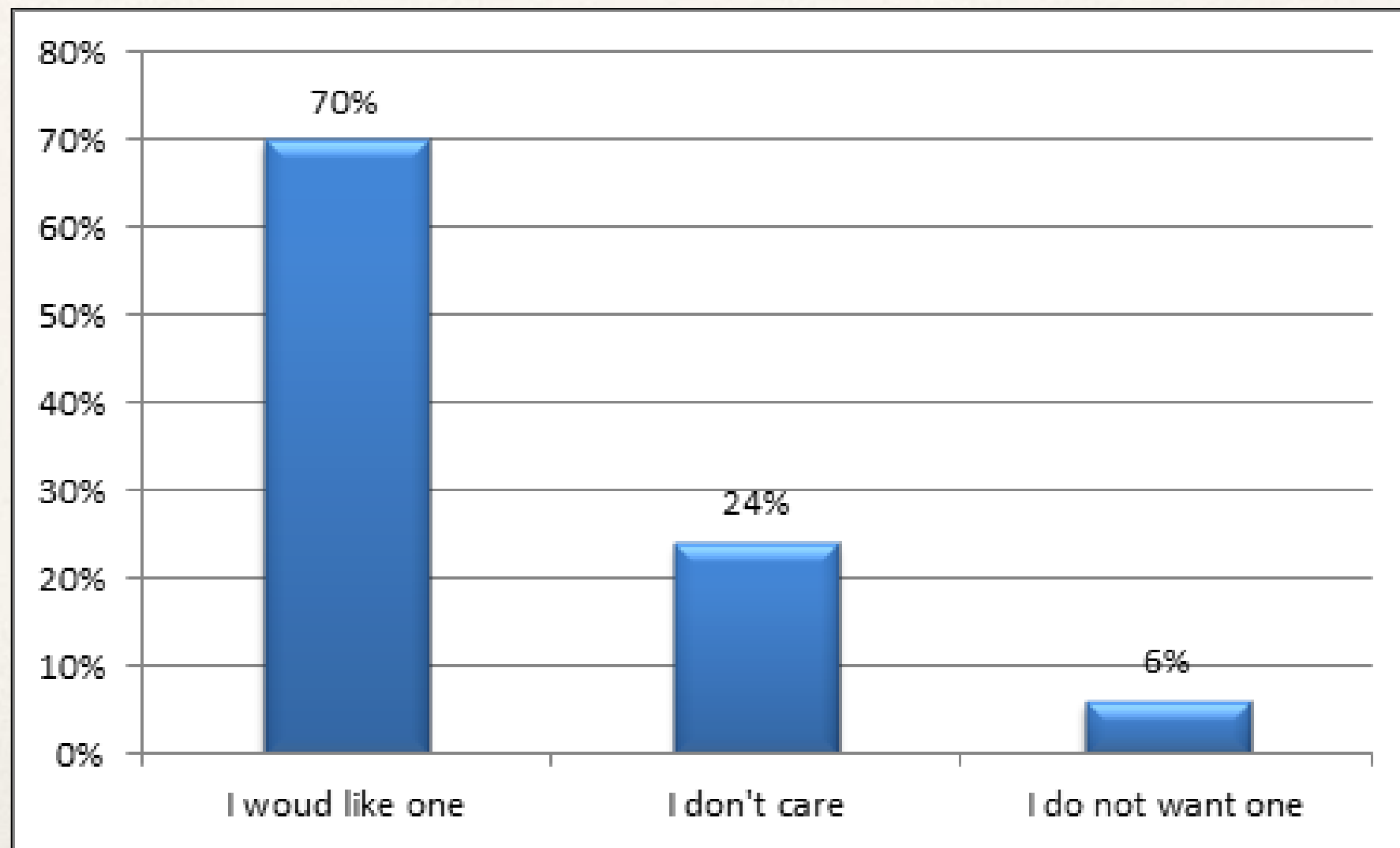
Lessons Learned: Student Survey Results

Do you share your home computer device with others in your home?



Lessons Learned: Student Survey Results

How do you feel about receiving a computer device from your school to be used for your schoolwork?



Modernized Learning



Instructional Goals

What we would like to do...

Instructional Goals



- Develop technology skills in our students:
 - For Learning
 - For Career & Work
- Transition our Instructional Programs/Strategies from that of Teacher-Centered to that of Student-Centered/Self-Directed Learning

Instructional Goals



- Pave the way for:
 - Online Courses
 - Online Assessments (State & Local)

Future Considerations: Next Steps



Future Considerations: Next Steps



Implement a 5 Year Plan (Focused Around):

1. Instructional Practices and the infusion of technology tools
2. Extensive Professional Development for Staff, Students, and Administration
3. Increased access to student technology

Future Considerations: Next Steps



Estimated Total Costs (5 Year Plan):

	Year 1	Year 2	Year 3	Year 4	Year 5
Professional Development	\$40,000	\$50,000	\$50,000	\$50,000	\$10,000
Personnel	\$70,000	\$130,000	\$150,000	\$170,000	\$110,000
Digital Resources	\$5,000	\$10,000	\$15,000	\$20,000	\$20,000
Infrastructure	\$240,000	\$240,000	\$40,000	\$40,000	\$40,000
Computer Devices	\$270,000	\$340,000	\$520,000	\$700,000	\$870,000
Total	\$625,000	\$770,000	\$775,000	\$980,000	\$1,050,000

Future Considerations: Next Steps



What will we get for our investment (over 5 years)?

Professional Development:

10 Trained *Administrative Leaders* and 100 Trained *Teacher Leaders*

Personnel:

2 additional *Support Technicians*

Substitute coverage costs for trainings

Digital Resources:

Content outside of the Curriculum Review Cycle

Infrastructure:

Expanded wireless network

Mobile printing (for student devices)

Mobile device management (for student devices)

Computer Devices:

Increased student access to computer devices in grades 5-8

1:1 student laptop computers in grades 9-12

Future Considerations: Next Steps



Estimated New Monies Needed (5 Year Plan):

	Year 1	Year 2	Year 3	Year 4	Year 5
Professional Development	\$35,000	\$50,000	\$50,000	\$50,000	\$10,000
Personnel	\$70,000	\$130,000	\$150,000	\$170,000	\$110,000
Digital Resources	\$5,000	\$10,000	\$15,000	\$20,000	\$20,000
Infrastructure	\$0	\$240,000	\$40,000	\$40,000	\$40,000
Computer Devices	\$0	\$40,000	\$140,000	\$320,000	\$490,000
Total	\$110,000	\$470,000	\$395,000	\$600,000	\$670,000

Future Considerations: Next Steps



To receive school board direction and/or support to begin the initial stages of the project in regards to the:

- Scope
- Schedule
- Budget

➤ Q & A

