

Working with Students of the Digital Flagship University

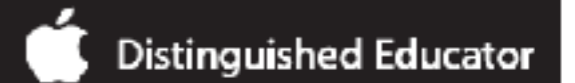


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#osudigitalflagship





US supports evidence-based digital
development initiatives
Research and innovation in digital health

But what does it
MEAN

?



Digital Flagship Framework



Student

Technology

Coding

App Development

Student Technology



iPad Pro

AppleCare+

Smart Keyboard &

Case

Apple Pencil

Apps

<Coding>



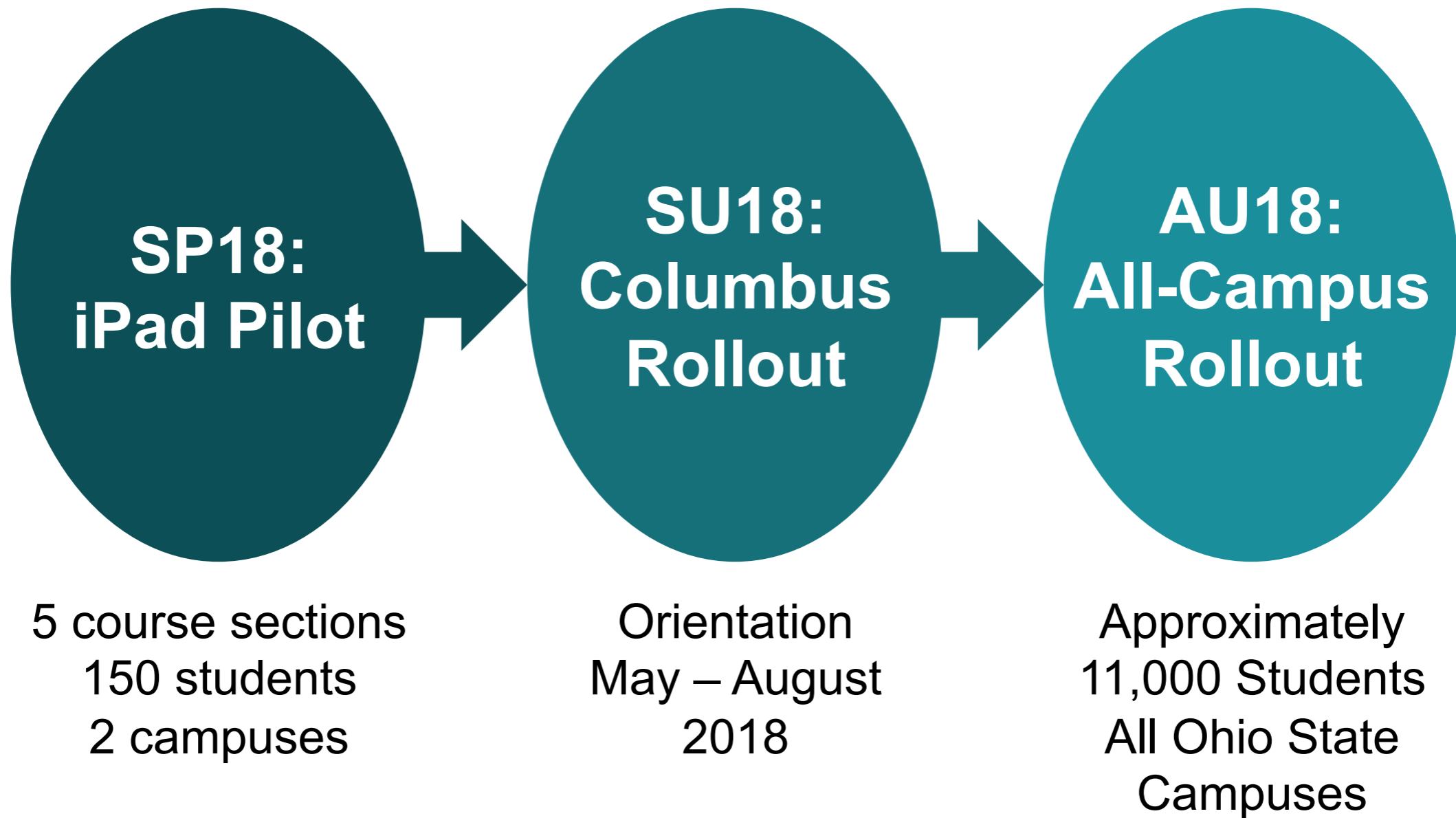
- Swift: intuitive, easy to learn
- Entry-level concepts for all
- Advanced for those interested
- Access for entire Ohio State community

Enterprise App Development



- 1st Apple iOS Design Lab in North America
- Access to top Apple developers
- Partnerships with CEO, OSU innovators, Columbus technology community

Student Technology Milestones



In autumn 2018, new first-year students at the Columbus and regional campuses will receive...

An iPad Pro with
Apple Pencil and
Smart Keyboard.



Apps to support
learning and life
at Ohio State.

Why student technology?



Consistent access and experience

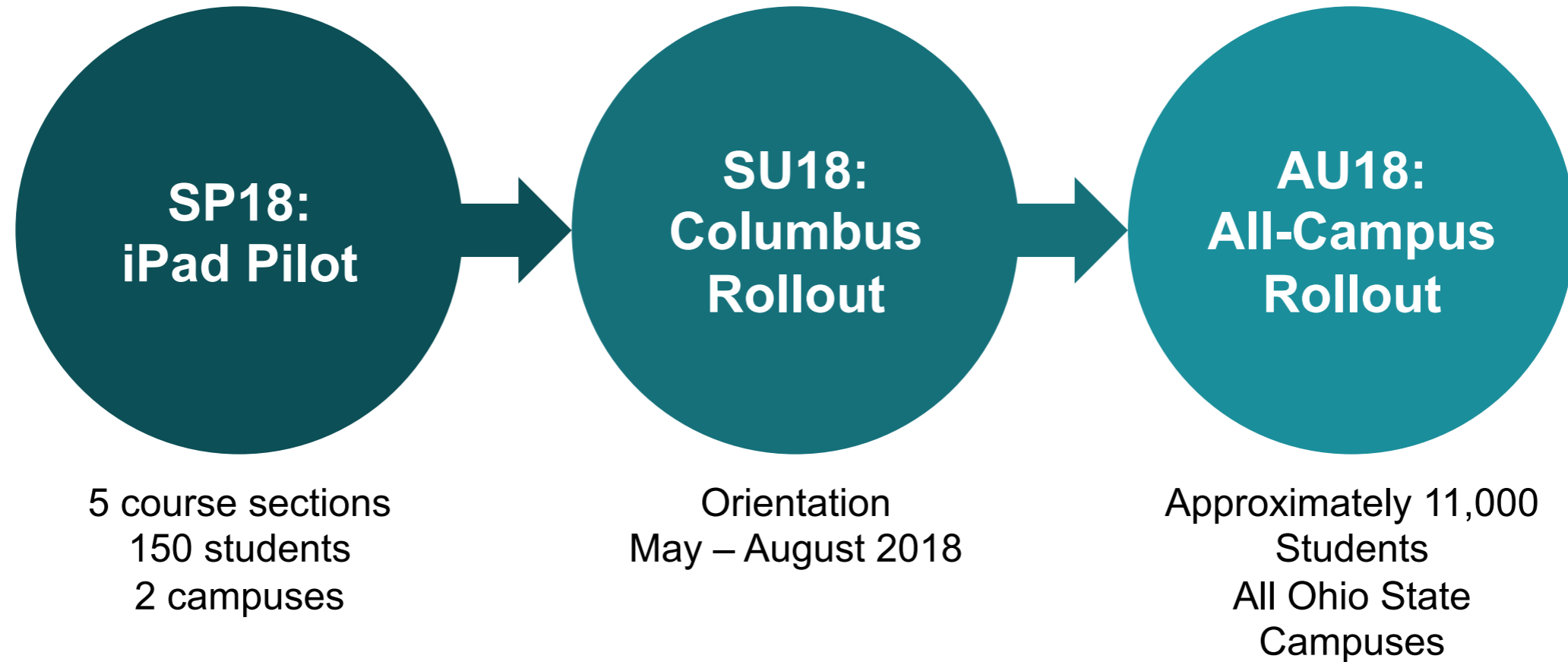
Support students

- transition to higher education
- digital, financial and information literacies
- mental and physical wellness

Creativity, collaboration, innovation and discovery in teaching, learning, and research

Mobile workforce development

Student Technology Milestones



“The iPad has been a real game changer in Education. No technology has impacted the way teachers teach and students learn more quickly and more profoundly. With iPad, the possibilities are endless.”

Dr. James Ponce, Superintendent, McAllen ISD, Texas









VERTICAL HERB GARDEN

- TERRACOTTA POTS
- WOODEN POWELL
- TRELLIS SOIL
- GENIUS
- PARSLEY
- BASIL

In truth, none of that is guaranteed.

There is
NO SUCH THING
as a
DIGITAL NATIVE



"The introduction of computers into schools was supposed to improve academic achievement and alter how teachers taught.

Neither has occurred."

*Stanford University education professor
Larry Cuban*



Believe it or not

We have already
provided iPads to
Ohio State Students



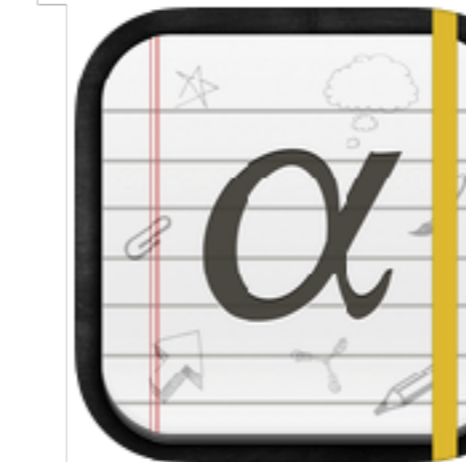
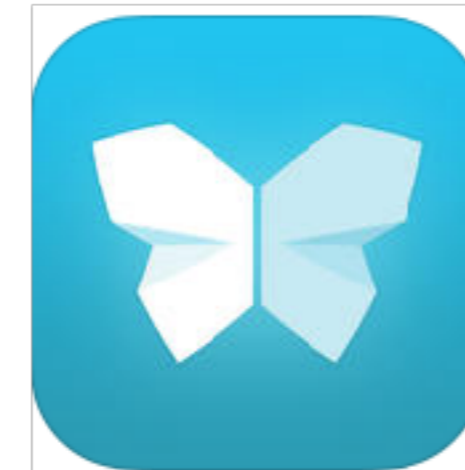
Athletics



Academics



There's an app for that?



Academic (5)

Evernote
Scanner
Homework
Flashcards
Storage

Athletic (4):

Big Ten Network
Supplements
Game Film
Calorie Counter

Campus (1)

Ohio State

The end result?

A lot of unaccounted iPads

A lot of Netflix

A lot of wasted money and effort



Something to Study

- Examine the process by which student athletes develop an understanding about using a mobile device (iPad) for academic purposes.
- Research was conducted using interviews, combined with participant observations, to identify emerging patterns.

- “I don’t even know if the people giving it [out] really knew everything it could possibly do.”
- “Once I had a class that used it I realized how much more it has to offer besides streaming Netflix.”
- One wished athletics had explained the ways the device can be used in class and the benefits it provided, “rather than them throwing at us and saying, ‘Here you go!’”



Tools

#NotSoNative

iPad



Note Feb 24, 2012

Feb 24, 2012 14:57

Subject: Welcome

• Type your notes

- **Note taking:** Notability, Evernote, Word, Pages

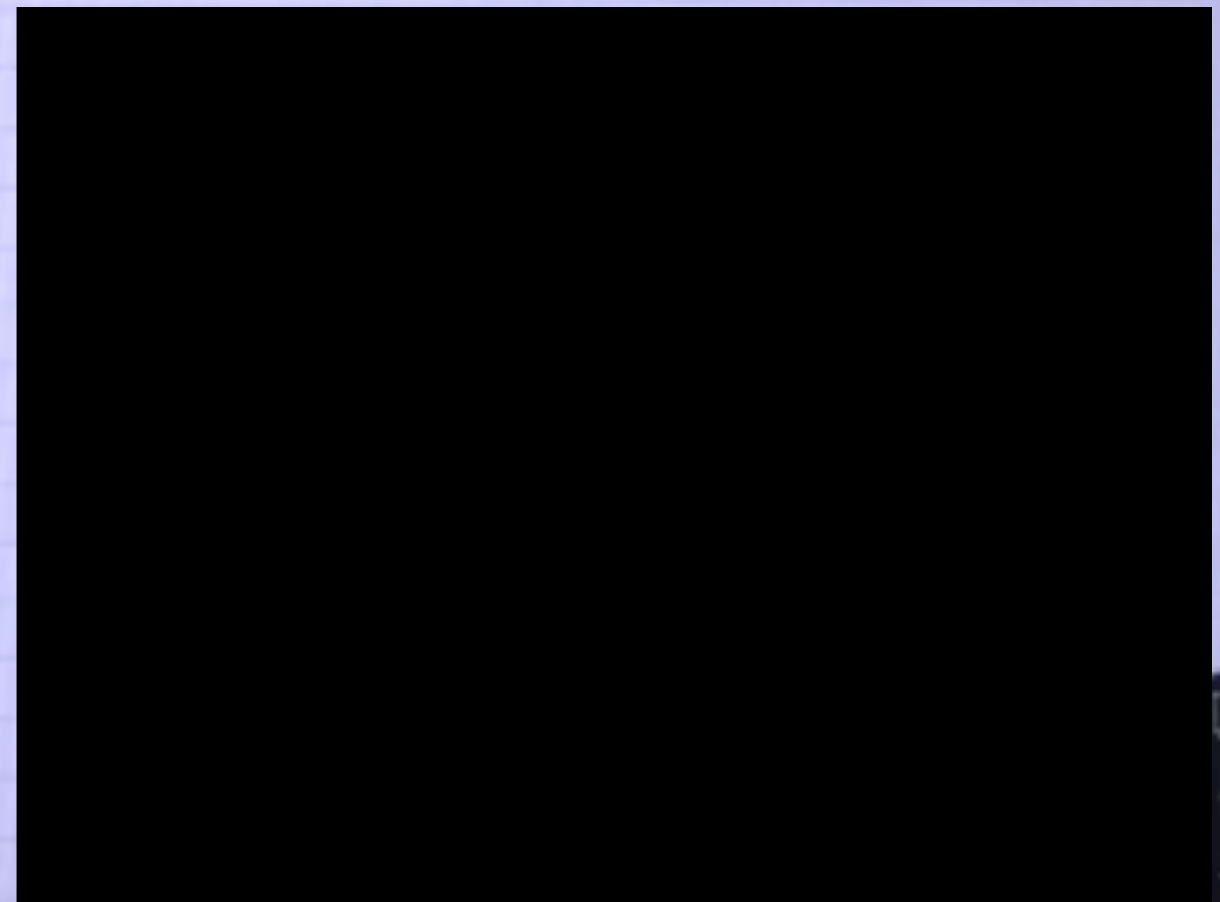
- **Visuals:** Photography/video/audio

- **Organizational:** Homework, scheduling, meetings

- **Collaboration**

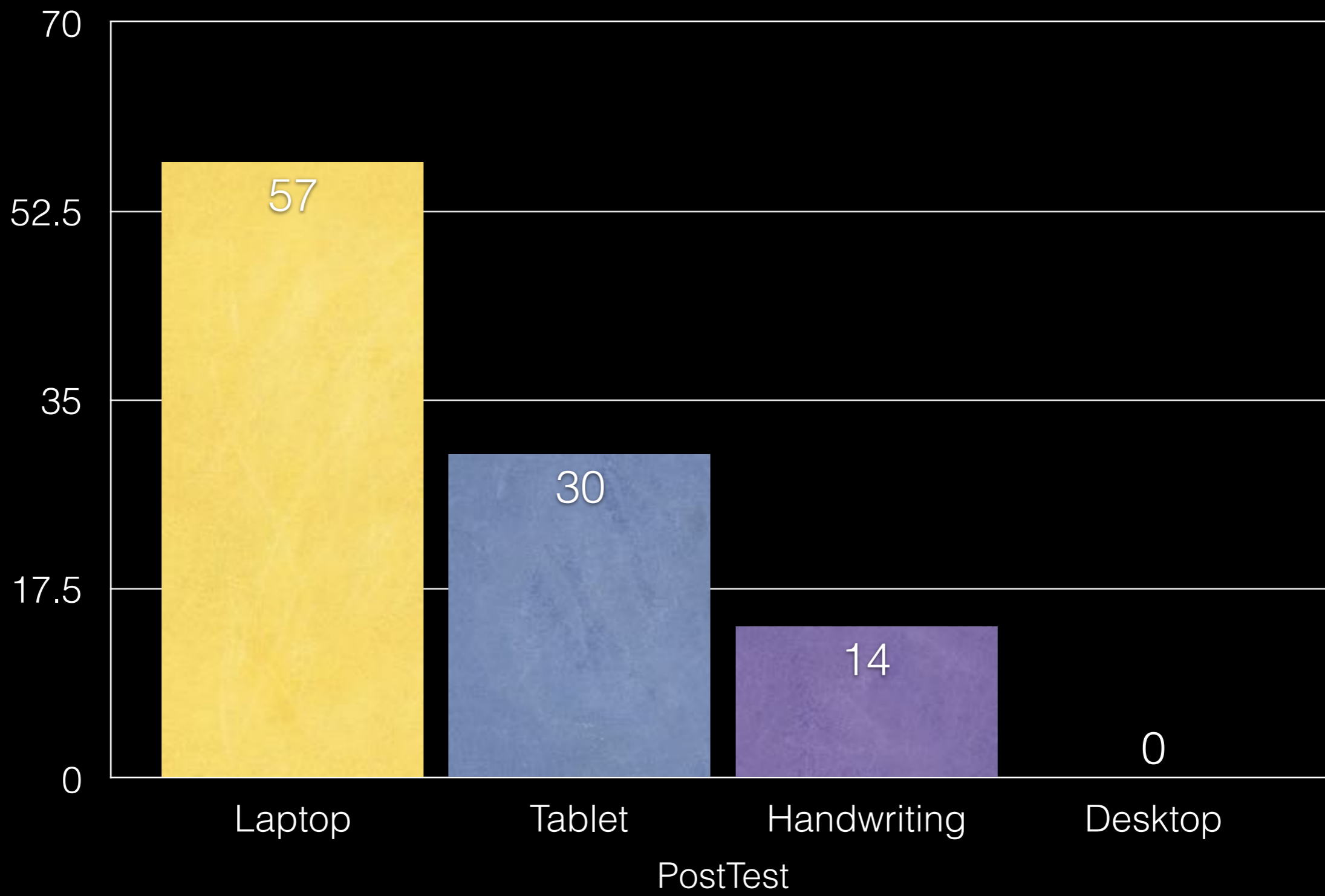
- **Learning management:** Carmen v Canvas

- **Research/data analysis**

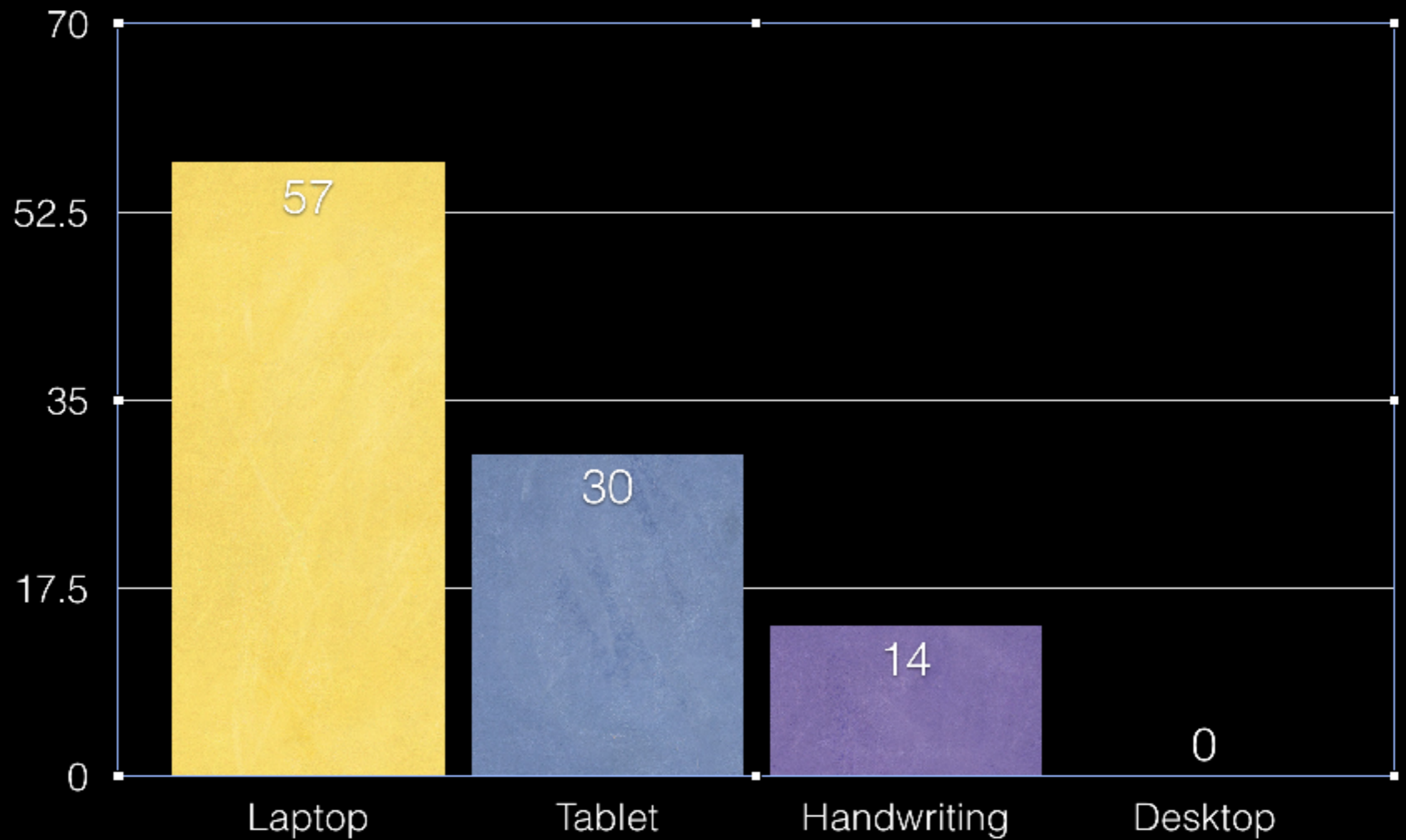


#	<u>Question</u>
1	What I learned in the iPad workshops is relevant to my academic life.
2	I can apply what we learned in the iPad workshops to academic life.
3	I think what we studied in the iPad workshops is useful for me to know.
4	I can apply what we learned in the iPad workshops to courses I will take later.
5	I better understand how to use the iPad academically than I did before these workshops.
6	I feel more confident using the iPad academically after the workshops.

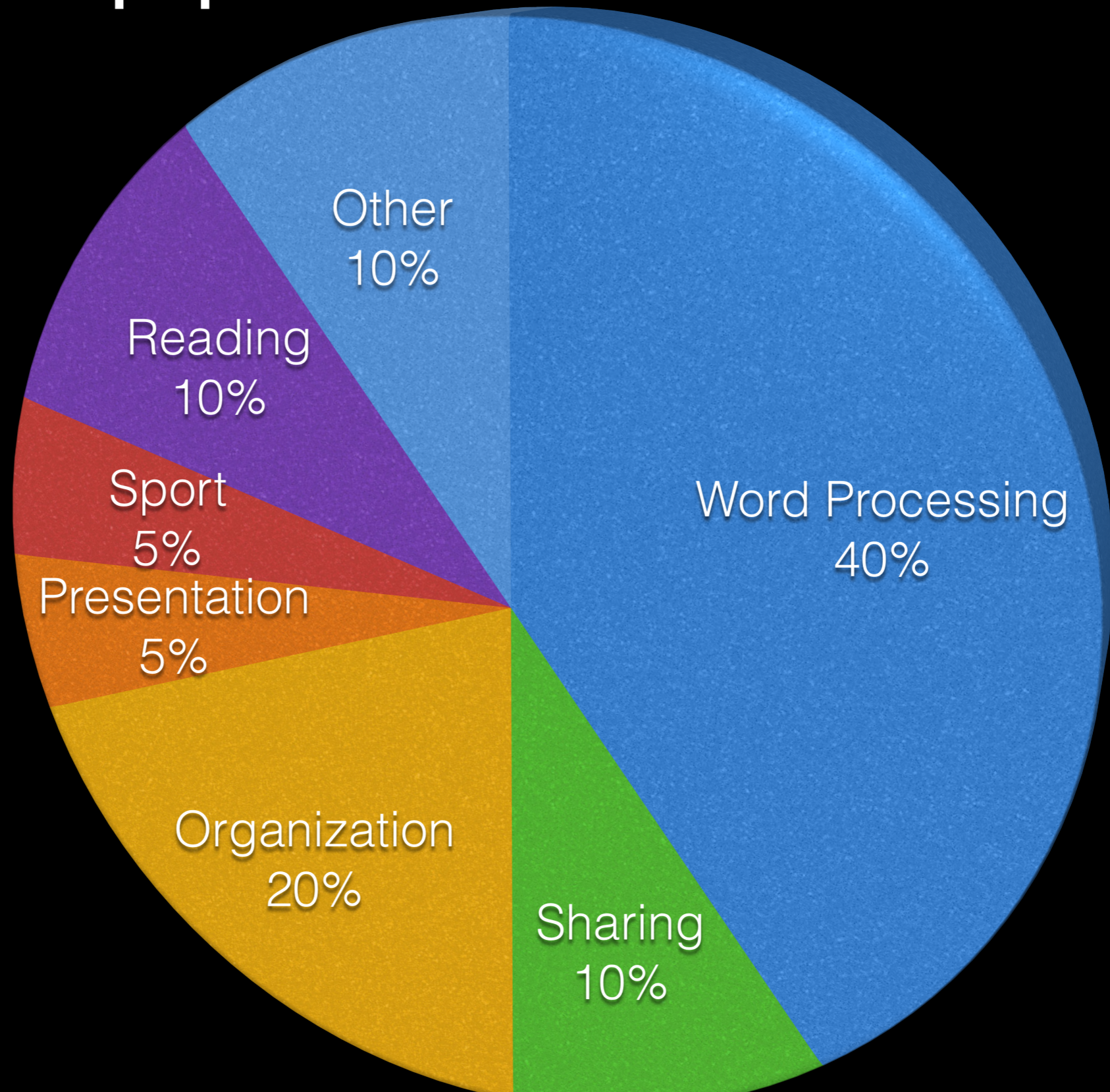
100%
Strongly Agreed



Device Preference for Homework



Top Apps After Training



Next step:

Even more studying

Gender	Male (11)	Female (9)			
Age	18 (1)	20 (7)	21 (7)	22 (4)	23 1)
Sports	football, field hockey, gymnastics, ice hockey, soccer, rifle, swimming, volleyball and wrestling (1)	Golf, track, lacrosse (2)	Spirit, basket ball (3)		
Year	1st year (2)	2nd year (2)	3rd years (4)	4th year (7)	5th year(5)
Majors	Journalism, economics, electrical engineering, finance, health promotion, human development, neuroscience, pharmacy, sociology, sports coaching (1)	Sports industry (3)	Comm (6)		

Describe your feelings about using the iPad since you received it.

Beneficial

Films

Love it

Best friend

Free

More accessible

Convenient

Games

Nice

Cool

Handy

Prefer laptop

Distracted

Helpful

Replace textbooks

Don't use it

Lighter

Useful

Easy

Like

What do you use in class to take notes

Paper	8
Laptop	7
iPad	3
LMS notes	2

What do you use access course materials

LMS on computer	8
Computer	6
LMS on iPad	5
Top Hat app on phone	1

What instructions/training did you receive when you got the iPad.

Apple ID (4)

At the Summer Bridge Program, I got two or three sessions solely dedicated to how we can use the iPad to manage academics. That was really helpful.

Charging port

Connected Buckeye mail

Don't connect it to a computer (2)

Don't damage it (2)

Don't do anything stupid with it (2)

Don't lose it (2)

Download the apps through Self Service (4)

I had a class in the summer (3 one-hour sessions) and we went over a lot of stuff about using apps academically. It helped me see exactly how it could be used academically.

Internet

Log into iCloud (4)

Setting up

Turn it on (3)

Wifi connection (3)

What do you wish you had been taught?

A more professional way to use a iPad for a specific class for school

Apps that helped take notes

What to use instead of a flash drive

Can I get Word on an iPad?

Finding the things that could be useful with it.

How they think we should use it

How to set up everything more thoroughly

How to submit papers into the LMS

How to write with it

How you could use it as a school resource

If I could write on it like a Surface.

If the LMS had an app

If they can have something where you can save documents onto a certain app submit them

It would be neat if they provided some kind of seminar for athletes to go to

More graphic design stuff you can do

Outside of the lacrosse world, what are apps that could help with school

Specific apps

What some of those apps do

What do you wish Ohio State knew/understood about your feelings on the iPad?

Do we need it?

Had to figure out how to use it

Having a phone and a laptop are more convenient for me personally than the iPad.

How much we use it for games

I don't use it nearly as much as they think I do

I don't use it that much

I don't have any way to take notes on it

I don't use it for academics

I have my email and film on it, but I don't use it otherwise.

I wish they would teach us more things that we might not know that could really help us

I would have taken a laptop 10 times out of 10 over an iPad

I'd rather do school work on my laptop

I'm not very tech savvy

What do you wish Ohio State knew/understood about your feelings on the iPad?

If I use it, it's probably for Netflix

It would be neat if they gave kids tools like apps, keyboard and stylus,

More access to academic apps would help

Not everybody knows the most efficient way to use them.

Number of available apps can get overwhelming.

Of the apps they have on there, I don't know what they do

People don't know how to use it.

I don't not use it.

I wish there was an interface that we can submit assignments to our classes reminders
to take notes in this class or that this class has an exam next week

They needed more and better apps

They should set up a tutorial app or something to show how to use it.

We don't like that they check everything that we do on the iPad

We need seminars on how to use it for classes

Instead of just, "Here's your iPad," maybe they could show us different apps

Knowing the basics isn't necessarily enough to use it for educational purposes.

What does it mean?



Faculty must learn opportunity for tech.



Be able to embrace teaching with tech.

CHAPTER 5

The Living Cell

- 5.1 Cellular Life
- 5.2 A Tour of the Cell
- 5.3 Cell Diversity
- 5.4 Visualizing Cells
- 5.5 Review
- 5.6 Project-Based Learning: Cell as System



Provide learning materials in tech.



Make the world a classroom.



TECHNOLOGY
WON'T
REPLACE
TEACHERS...

BUT TEACHERS WHO
USE TECHNOLOGY
WILL PROBABLY
REPLACE TEACHERS
WHO DO NOT.

UNIQUE
TEACHING
RESOURCES

**Tech gives
the quietest
student a voice.**

- JERRY BLUMENGARTEN



Questions!

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