iPads at Langley Grammar

Parents' Briefing
March 2019

Distinguished School

Advancing technology

- Increasing computing power
- Mobile connectivity
- Access to information
  - What did we do before Google?
- Transformation of social and work life

"In times of change learners inherit the earth, while the learned find themselves beautifully equipped to deal with a world that no longer exists." – Eric Hoffer

Technology in education

What was it like for us at school?

The last few years……

- Increased use of fixed PCs
- Introduction of laptops
- Wireless networks
- Interactive whiteboards
- Technical ‘challenges’…..!

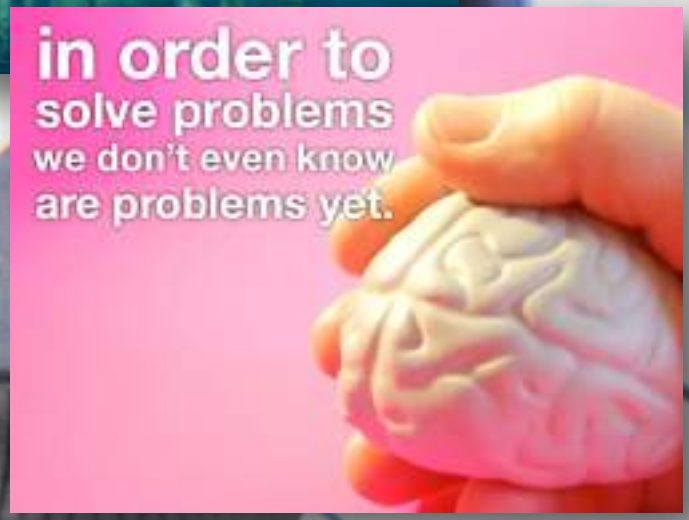
And now…..

- **Tablet technology**

Expectations

- Businesses expect digital literacy.
- Use of individual devices for learning is increasingly common in universities.
- Students need to be aware of their digital footprint – expectation of independence and trust.

LGS students need to be <u>ahead</u>

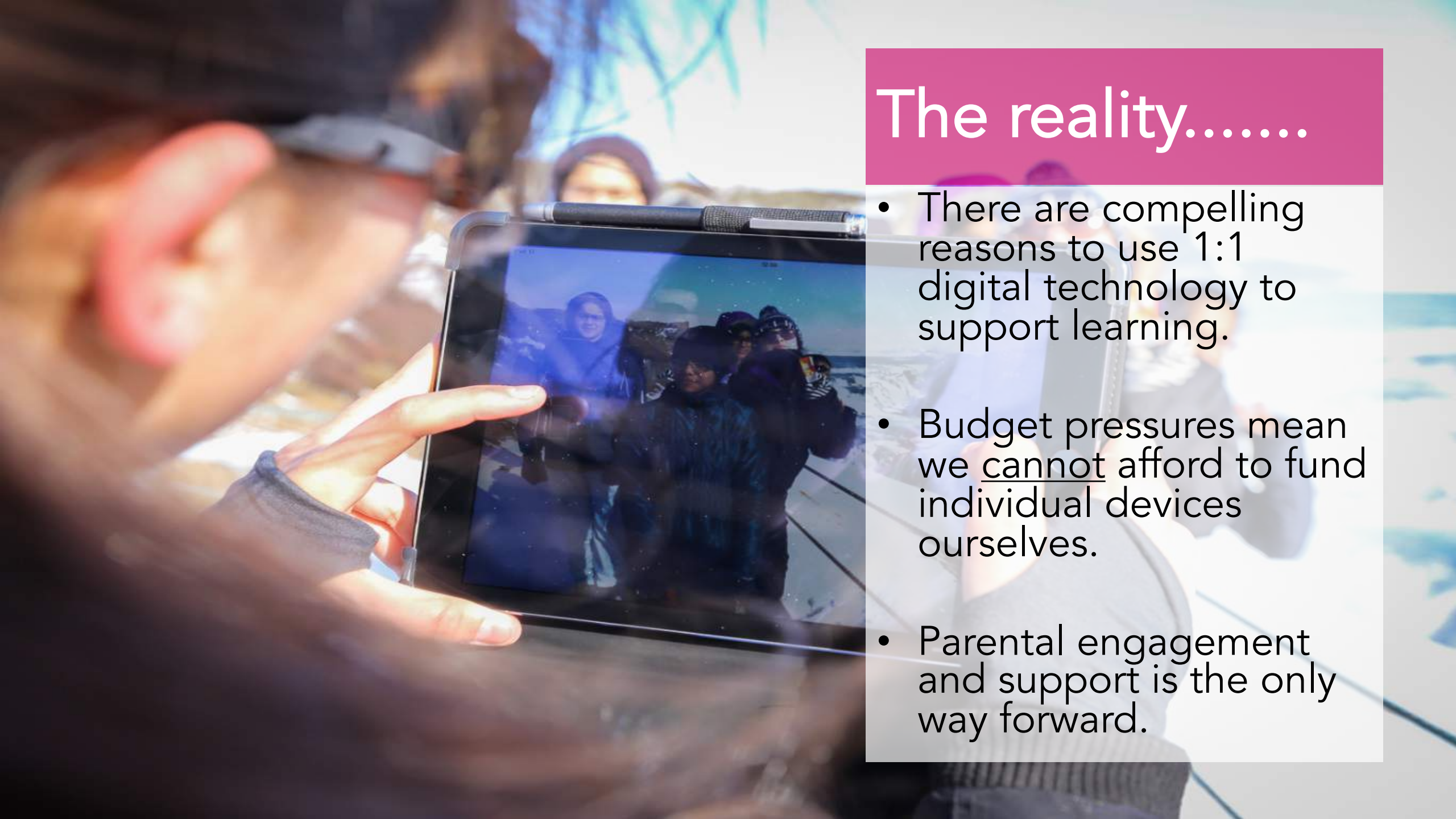


The dangers of prediction….

- "This 'telephone' has too many shortcomings to be seriously considered as a means of communication. The device is inherently of no value to us."
  - Western Union internal memo, 1876.
- "Who the h**l wants to hear actors talk?"
  - H. M. Warner (1881-1958), founder of Warner Brothers, in 1927
- "The aeroplane will never fly."
  - Lord Haldane, Minister of War, Britain, 1907
- "We don't like their sound, and guitar music is on the way out."
  - Decca Recording Co. rejecting the Beatles, 1962

The future is……

- “I think there is a world market for maybe five computers.”
  - Thomas Watson (1874-1956), Chairman of IBM, 1943
- “There is no reason anyone would want a computer in their home.”
  - Ken Olson, president, chairman and founder of Digital Equipment Corp., 1977
- “640K ought to be enough for anybody”
  - Bill Gates (1955-), in 1981



The reality…….

- There are compelling reasons to use 1:1 digital technology to support learning.
- Budget pressures mean we cannot afford to fund individual devices ourselves.
- Parental engagement and support is the only way forward.

Our students' perspective

A Teaching Perspective

Research

Blended Learning

Flexibility

C3PdeO

Langley Grammar wants to use iPads to

- Create **Challenge**
- By challenging students to **Create**
- So they learn to be **'Corporate'** (ready for the business world)

It’s about creating

something new
to communicate what you know

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something new
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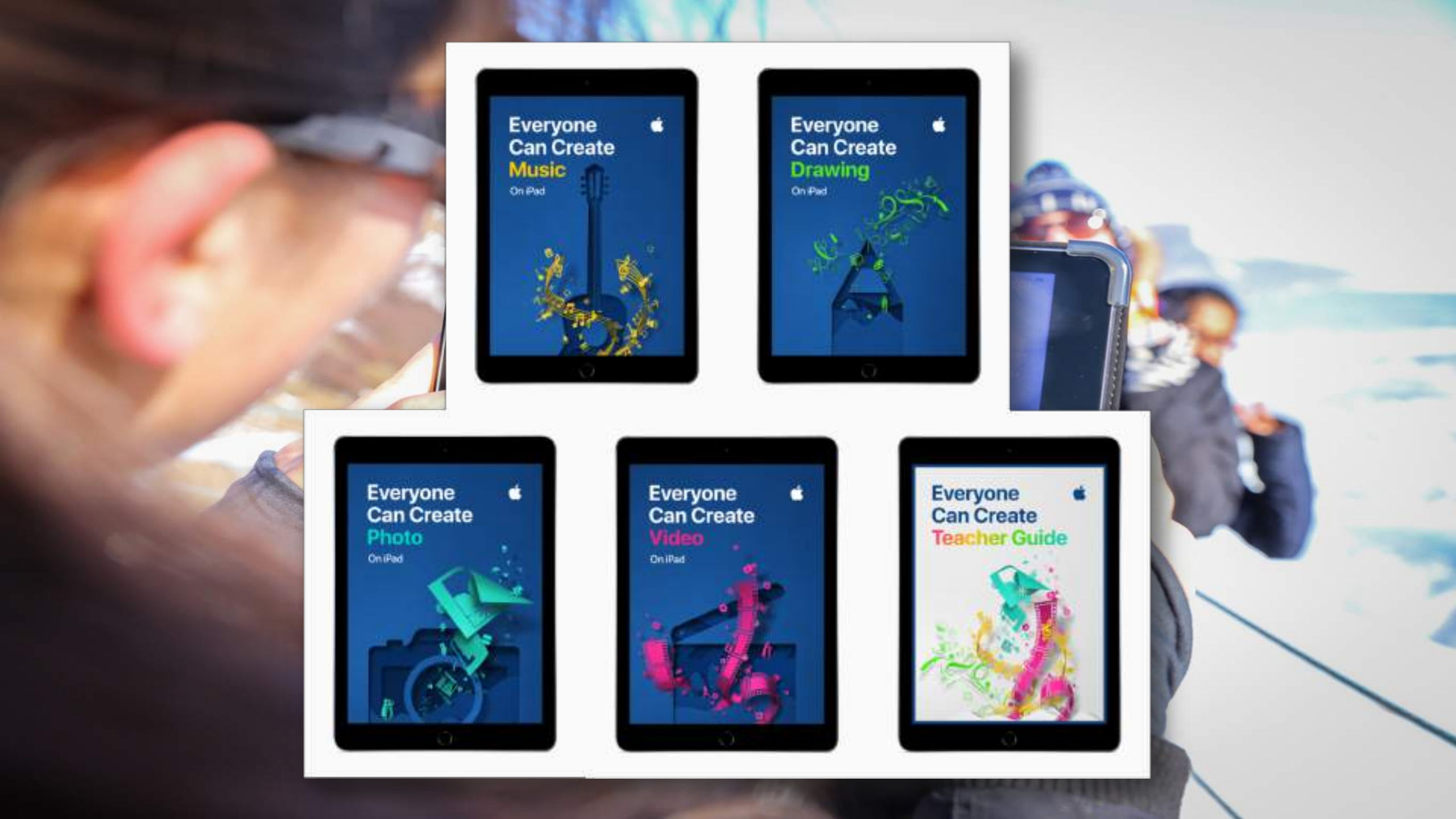
you (they?) know

Why the iPad?

Practicality	Functionality	Learning Potential
Cost effective	Mobile	Vast array of apps
Virus free	Creative media tools	Subject-specificity
Historical compatibility	Collaboration	iTunes U
Apple certified Apps	Intuitive	iBooks
Robust	Camera and video	AppleTV
8-10hr battery life	Student response	Mobility
	Access to research resources	Seamless ICT incorporation


Everyone
Can Create
Music
On iPad
Everyone
Can Create
Drawing
On iPad
Everyone
Can Create
Photo
On iPad
Everyone
Can Create
Video
On iPad
Everyone
Can Create
Teacher Guide

Apple Teacher
Unlock the magic of Apple products in your classroom.

Social Studies
Students
Screens
Quizlet (7)
The Pyramids
Duolingo (2)
Andrew
Aubrey
Brian
Chella
Chris
Ellen
Emilee
Enrique
Eungee
Jeanne
Kevin
Logan
Matt
Nerio
Nidhi
Sarah
Susie
Tammy
Vera
Victoria
MacBook Pro
End Class
Social Studies
Open
Navigate
Lock
Mute
Screens
Add
Group
All (30)
Invention (12)
Quizlet (7)
The Pyramids (9)
Duolingo (2)
Aga
Alexandra
Andrew
Aubrey
Brian
Chella
Chris
Daren
Darla
Ellen
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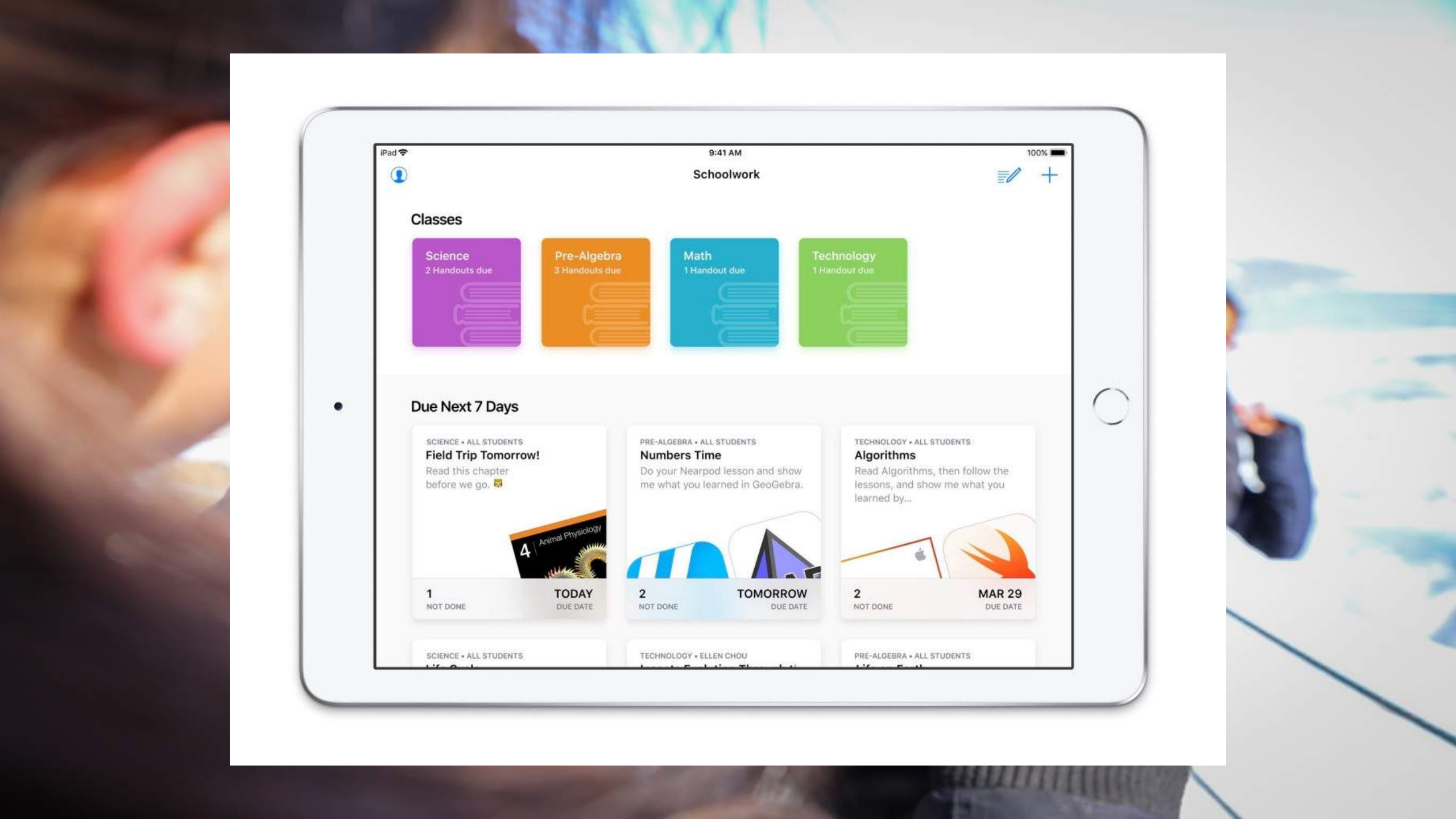
Jeanne
Joe
John
Kevin
Logan
Matt
Nerio
Nidhi
Raffi
Samara
Sarah


iPad
9:41 AM
100%
Schoolwork
Classes
Science
2 Handouts due
Pre-Algebra
3 Handouts due
Math
1 Handout due
Technology
1 Handout due
Due Next 7 Days
SCIENCE • ALL STUDENTS
Field Trip Tomorrow!
Read this chapter before we go.
Animal Physiology
1
NOT DONE
TODAY
DUE DATE
PRE-ALGEBRA • ALL STUDENTS
Numbers Time
Do your Nearpod lesson and show me what you learned in GeoGebra.
2
NOT DONE
TOMORROW
DUE DATE
TECHNOLOGY • ALL STUDENTS
Algorithms
Read Algorithms, then follow the lessons, and show me what you learned by...
2
NOT DONE
MAR 29
DUE DATE
SCIENCE • ALL STUDENTS
TECHNOLOGY • ELLEN CHOU
PRE-ALGEBRA • ALL STUDENTS

Anti-smoking videos win Bucks/Berks competition
Lego Programming Regional Winners
STEAM project – stop creation
Apple Teacher pilot and accreditation
Peergrade and Flipgrid (media assessment)
Apple Classroom
Seesaw / Swift Playground coding (yr 8)
ArcGIS Survey 123: first 1:1 school with FSC
International Schools Science Project
Clips (Everybody Can Create)
Race for The Line (Wind Tunnel)
Sixth Form – Explain Everything
Parenting Survey
Geogebra Desmos 'Brilliant'

Flipped Classrooms (learning at home)
Research about designers and artists
Creating PowerPoints / Keynotes
Kahoots / Headsup / Socrative
OneNote (more accountability)
Annotating homework submission
AppleTV to present work / movies / iBooks
SIMS Teacher (Registers and Reports)
iTunesU
Online Textbooks
Sending out resources quickly / digitally
Helping to move around the classroom
Animation / Stopmotion

A Practical Perspective

Done
Browse
Locations
iCloud Drive
On My iPad
Yoink Files
OneDrive — Personal
Recently Deleted
Favourites
Tags
Red
Orange
Yellow
Green
Blue
iCloud Drive
Select
Drafts
Documents by Readdle
Pixelmator
TextEdit
Numbers
iA Writer
OneDrive

Devices are wiped before being enrolled

Mobile Device Management

- Enrolled onto Jamf MDM
- Device Enrollment Programme (DEP)

- iPads are ‘Managed’
- Managed Apple IDs
- Smoothwall Certificates

- SelfService (no AppStore)

Managed ID: danielmace@appleid.lgs.slough.sch.uk

Apple Schools Manager

- Apple Classroom
- Apple Schoolwork

Responsibilities

Morning Journey

- Is it charged?
- Is there enough memory?
- Is it in a case?
- Is it definitely inside your bag?
- Is homework uploaded?
- In the correct format?

Incentives

L1 – Accidents

L2 – Repeated, deliberate

L3/4 – Concerning or dangerous (restricted profile)

Shaping Routes

Each lesson

- First use determined by the teacher
- Necessary apps installed for lessons on that day
- Social media contract

Each subject

- Compatibility is……
  - Student's responsibility for their work – PDF / Showbie
  - Teacher's responsibility for their work – e.g. Keynote

Rights and Responsibilities

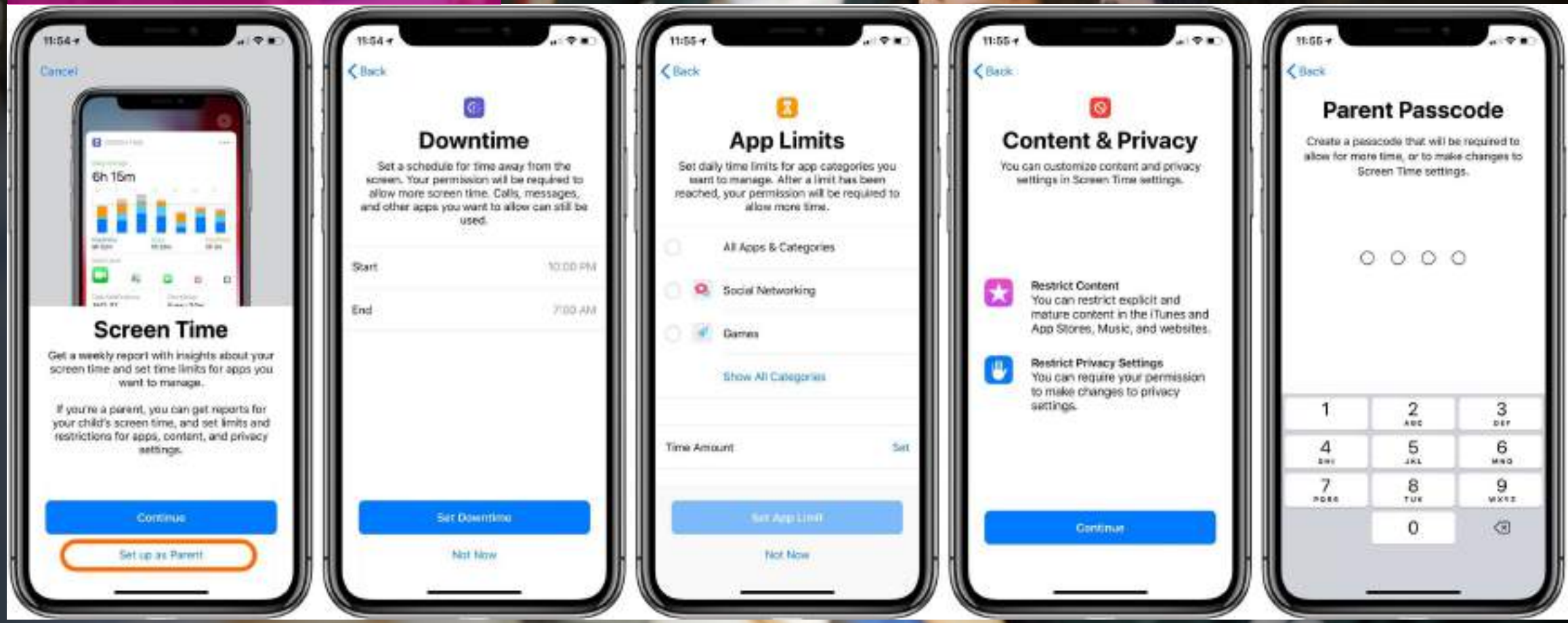
Around school / PE	Lunch	On the way home

• Lock away before PE
• Always keep in case provided
• Pin-code
• No headphones around school
	• Lockers at lunch Leave in Form room (lockers)
	• Use in library / other designated areas
	• Care of belongings
	  • Football
	  • Windows
		• In your bag
		• Keep in the case
		• Devices are insured in school / out and abroad if kept in the case

At home: Rights and Responsibilities

- What restrictions will you place?
- What WiFi filter will you use?
- How will you stop VPNs?
- Do you have a home use policy on your broadband provider?
- Do they have a personal iTunes account under 13?
- Share; don't lock out – open space
- Keep a balance – 'screen time'

Screen Time


Cancel
6h 15m
Screen Time
Get a weekly report with insights about your screen time and set time limits for apps you want to manage.
If you're a parent, you can get reports for your child's screen time, and set limits and restrictions for apps, content, and privacy settings.
Continue
Set up as Parent
Back
Downtime
Set a schedule for time away from the screen. Your permission will be required to allow more screen time. Calls, messages, and other apps you want to allow can still be used.
Start
End
Set Downtime
Not Now
Back
App Limits
Set daily time limits for app categories you want to manage. After a limit has been reached, your permission will be required to allow more time.
All Apps & Categories
Social Networking
Games
Show All Categories
Time Amount
Set
Set App Limit
Not Now
Back
Content & Privacy
You can customize content and privacy settings in Screen Time settings.
Restrict Content
You can restrict explicit and mature content in the iTunes and App Stores, Music, and websites.
Restrict Privacy Settings
You can require your permission to make changes to privacy settings.
Continue
Back
Parent Passcode
Create a passcode that will be required to allow for more time, or to make changes to Screen Time settings.
1
2
3
4
5
6
7
8
9
0

Option 1: Own supply

John Lewis

ebay

amazon.com

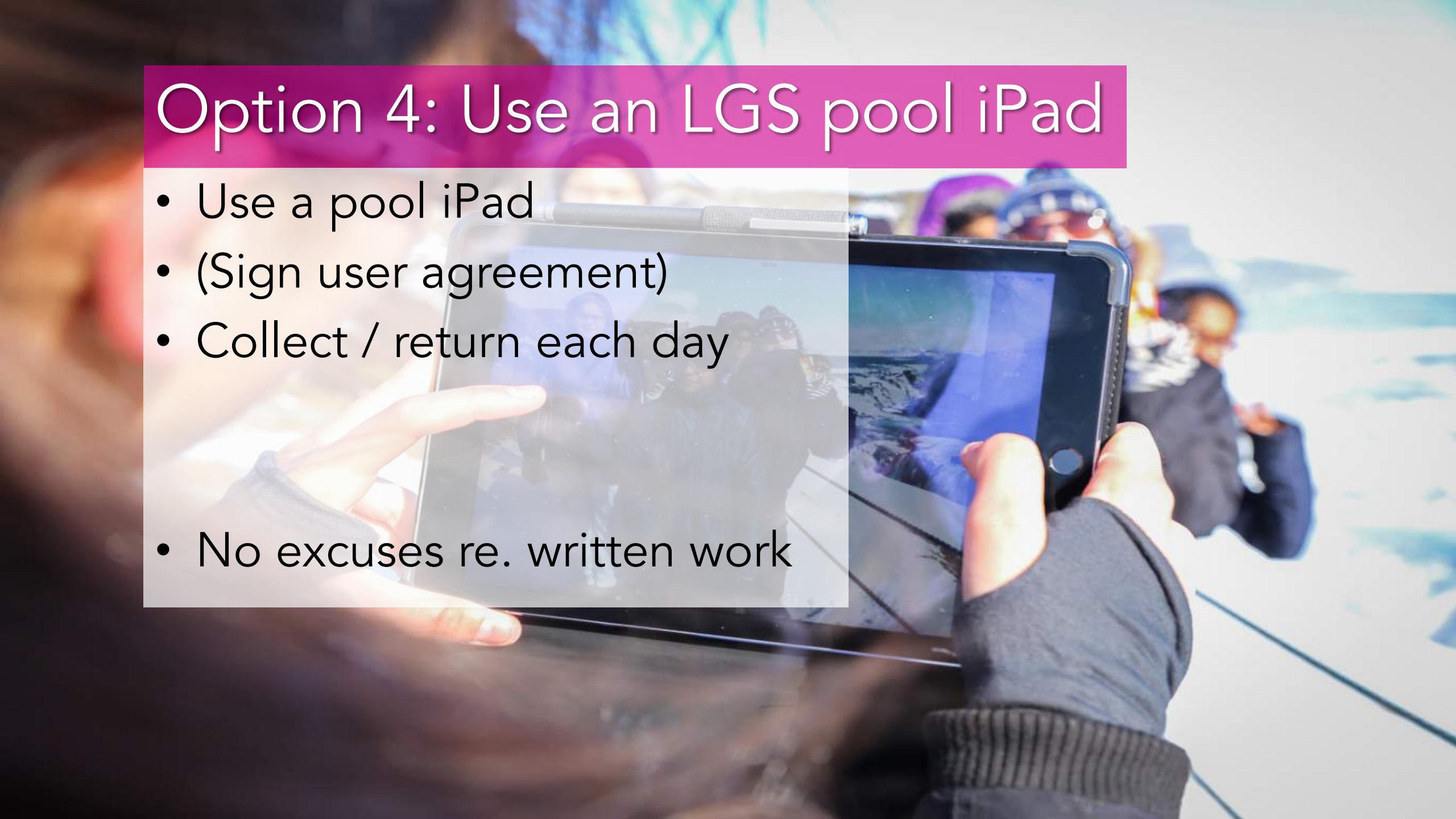
- Supply an iPad (Air2 onwards)
- Not iPad mini / iPod
- Put it in a case
- We'll wipe for Jamf MDM
- Add MDM, DEP, Restrictions
- Then supply key apps
- Use our wireless

Portal: CPU / CHG / Jigsaw

Option 4: Use an LGS pool iPad

- Use a pool iPad
- (Sign user agreement)
- Collect / return each day

- No excuses re. written work



Timescale

• Apple Launch Event	26th March?
• Portal Opens	1 week after
• Portal Closes	22nd April
• Bring your own iPads	c. 29th April?
• iPads arrive	Early May
• Setup and Distribution	by late May
• Initial training	Mid-June
• Use in lessons	ICT (June) / September

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WORLD ECONOMIC FORUM

Does Digital Work?

Exercise Books for OneNote

- Permanent record
- Flexible curation of learning journey
- Instant teacher access
- 'On the beach' working

Tests for Socrative

- Short-sharp and effective
- Real-time polling
- Qu by Qu data analysis
- Information returned to students
- Individual reflection

Showbie for HW - personal, trackable

Rainbow Thinking for cards

- Focus on higher-order skills
- Individually and collaboration
- Filming the learning journey

Collaboration

- Shared responses, focus on questioning responses, not gathering

Something new: the Education Reform Summit

- Twitter-planed Face:Face interactions
- Collaborative planning
- Photo streams
- Green screen film making