



AT THE HEART OF EDUCATION

How teachers can use blended and mobile learning to engage their students in exciting new ways!

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Agenda

- Exploring Blended Learning
- Exploring Mobile Learning
- Questions and answers





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Supplementary Materials:



What is Blended Learning?











What is blended learning?

Definition: it is the learning that takes place in the online and physical environments where students have some control of the time, place, path, and pace, of their learning. It entails bringing online learning back into the physical classroom.

*- Michael B Horn of the Clayton
Christiansen Institute*

The blended classroom

You could argue that the school classroom has not changed since the 1950s. But while the basic set-up remains the same, modern technology is opening up new possibilities for teachers and students. Today, many teachers blend the physical and online classrooms in their teaching: We call this the blended classroom.

at school



online



at home

10 benefits of blended learning

1

Better use of classroom time

By moving some activities online, you have more face-to-face time with your students.

3

Easier differentiation

You have more time with individual students and so can better tailor your teaching to their needs.

5

More engaged students

As students can prepare online before class, they are more engaged in the topic from the start.

2

More active students

You spend less time lecturing, so your students have more time to practice what they have learnt.

4

More creativity for students

Students are motivated by online resources that enable them to create videos, animations, podcasts and other media as part of their schoolwork.

Modern skills

Blended learning helps students develop the critical-thinking and creative skills demanded by modern employers.

8

Simple administration

Learning platforms enable you to store all your resources, marking and admin files in one place. You can make these available to your students, other teachers and parents with one or two clicks.

9

Lower costs

Many schools and colleges report reduced long-term costs due to less expenditure on textbooks, paper and photocopying.

7

Less paperwork

Many learning platforms automate routine tasks, giving you more time for teaching.

10

Better informed parents

Most students do online work at home, giving their parents a greater chance to take part.

Choosing your blend

The four most common models for blended learning

1 Rotation model



Students rotate between learning modalities, at least one of which is online.

Each modality

has a different approach to the same learning objective. Work can be completed at school or in other locations.

Teacher role:

The teacher sets the rotation schedule, gives direct instruction at one learning modality and monitors progress.

Student experience:

The students experience many ways of learning, but have little choice in when and where they learn. Includes: Station rotation, lab rotation, flipped classroom and individual rotation models.

Choosing your blend

2

Flex model

Online learning is the backbone of instruction. Most learning is done in the classroom, but group instruction is kept to a minimum.

Teacher role:

The teacher provides group instruction and individual support as needed.

Student experience:

Students move on an individually customised and fluid schedule among different learning modalities.

Choosing your blend

3

A la carte model

A course that students complete entirely online to accompany other experiences at the school, with regular support from the teacher in the physical classroom.

Teacher role:

The teacher mainly gives support online, although this can also be face-to-face

Student experience:

Students often take a la carte courses to supplement the standard curriculum at the school. In these courses, they work at their own pace with face-to-face support when needed.

Choosing your blend

These models are a framework for teachers to use when developing and discussing blended learning. Most teachers pick and choose elements from the different models to suit their class.



4 Enriched virtual model

The course is delivered through online study, with infrequent face-to-face classes.

Teacher role:

The teacher leads face-to-face classes and provides remote assistance to students through email exchanges and online discussion boards.

Student experience:

In between face-to-face classes, students work at their own pace and get online support from the teacher.

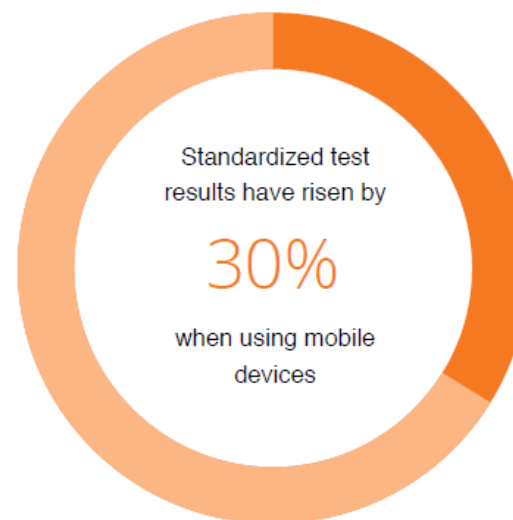
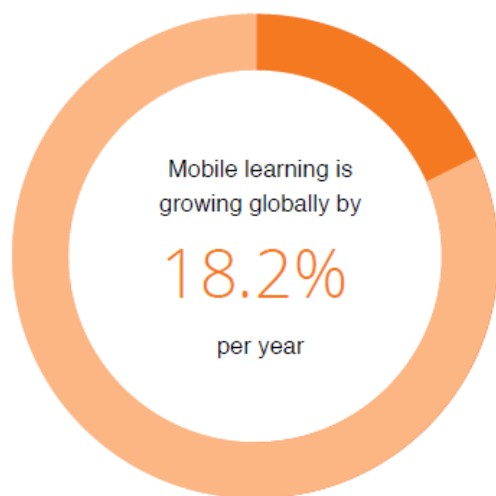
What is Mobile Learning?

“...is learning across multiple contexts, through social and content interactions, using personal electronic devices”

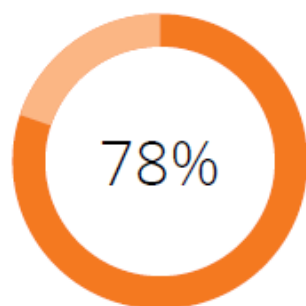
Definition by Crompton, Muilenburg and Berge.



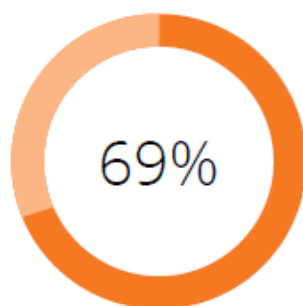
Mobile Learning: The Numbers



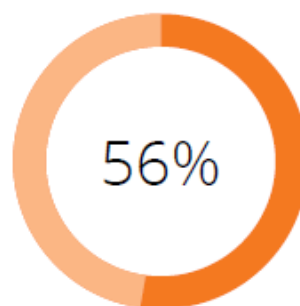
Today's middle schoolers use mobile devices for many tasks:



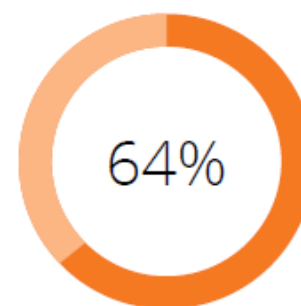
Check grades



Take notes



Access textbooks



Write papers

What is Mobile Learning?

Definition is changing regularly

Level 1: Mobile devices

Level 2: Adjusted teaching strategy with mobile devices in mind.

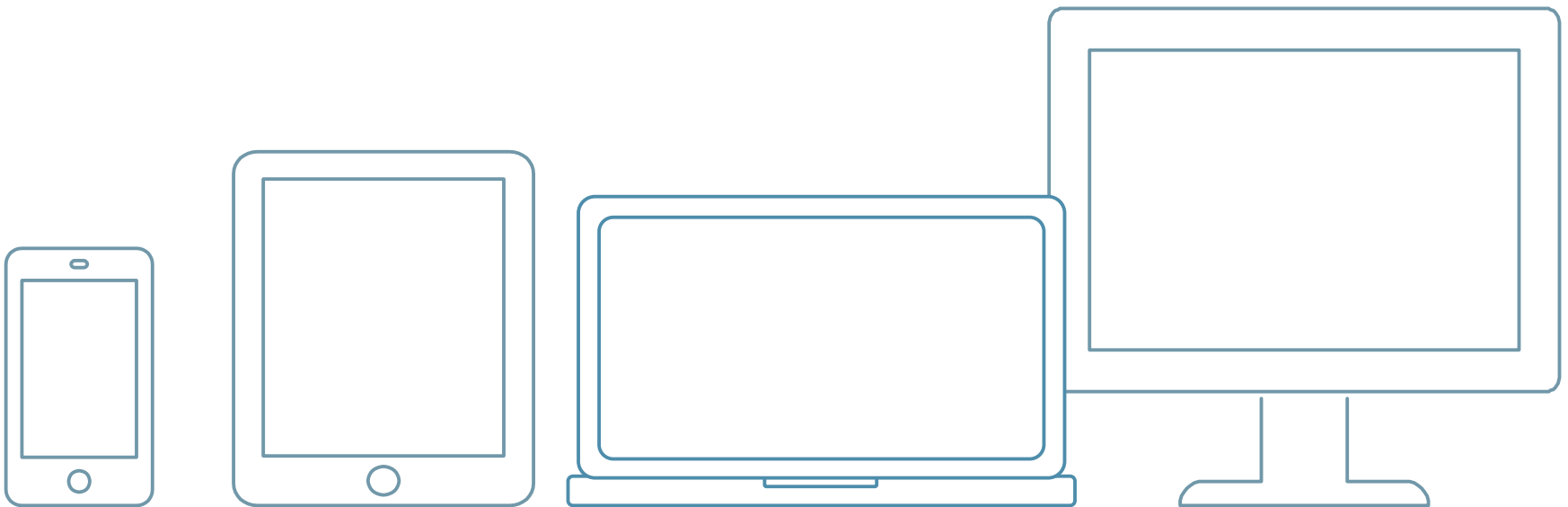
Level 3: Learning experience is mobile

Reference: Mark Pegrum (2015) Mobile Learning: Languages, literacies and cultures



Our Mobile Guiding Principles

- Support BYOD
- Responsive
- Native
- Respect the context



Why the focus on Mobile Learning?

- Cost Efficiency
- Digital Natives
- Anytime, Anywhere
- Student Centered
- Engage, Engage, Engage!

Pedagogical Theory in support of Mobile Learning

- Self-Determination Theory and our 'Three Basic Needs'
- Autonomy, competence and relatedness
- Student Centered Learning

Source: Deci & R. M. Ryan (Eds.), Handbook of self-determination research.

Rochester, NY : University of Rochester Press.



AT THE HEART OF EDUCATION

A photograph of two hands forming a heart shape, with a blurred background of a crowd. The hands are positioned in the center of the frame, with the fingers pointing towards each other to create the heart's outline. The background is a soft-focus image of a large group of people, suggesting a public event or gathering.

Thank You!



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THANK YOU!

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