



PDA's

Acronyms

⦿ PDA

⦿ ATM

⦿ ID

⦿ G

⦿ P

⦿ H

⦿ L

⦿ C



What is a PDA?

- Personal Digital Assistant
- electronic organizer or day planner
- capable of sharing information with your PC



What does a PDA do?

- ◉ PIM
- ◉ Internet
- ◉ GPS
- ◉ multimedia software
- ◉ multimedia players
- ◉ cell phones





Types of PDAs

- Palm PDAs
- Pocket PCs
- Smartphones

What does a PDA look like?



How does a PDA work?

- special hardware
- pen-based computer software enable
- liquid crystal display screen

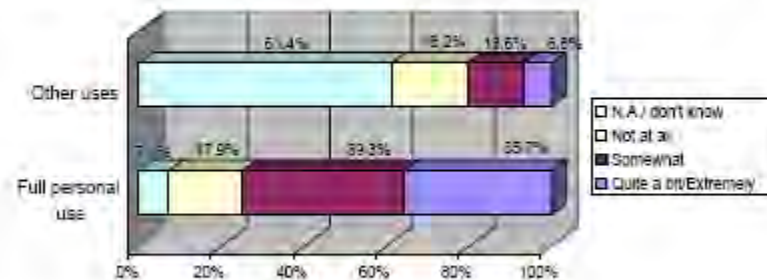


How are PDAs used?

- In a classroom
- On a field trip
- Out of school
- students can easily share their work and ideas



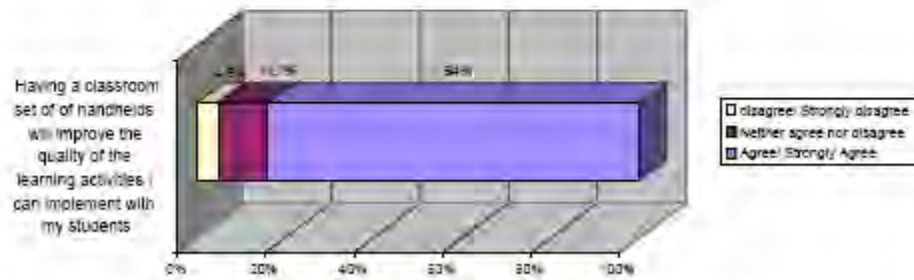
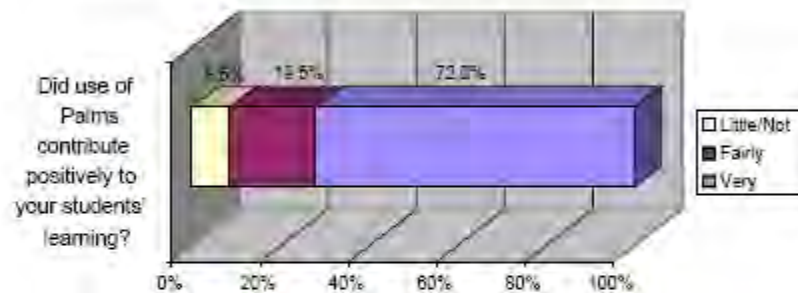
Among teachers who allowed students to take the handhelds home ("full personal use"), 75% reported an increase in students' homework completion, compared to 20% using other assignment strategies



Source: Palm Education Pioneers Final Report

Among nearly 100 teachers who used handhelds in their classrooms for a full school year:

- Over 90% stated that handhelds contributed positively to student learning.
- 84% stated that using handhelds would improve the quality of learning activities they implemented with their students.



Source: Palm Education Pioneers Final Report



Advantages

- technology can be integrated throughout the curriculum
- Technology can be used at the precise time and place that it can have the greatest impact on learning.
- PEP teachers reported greater student engagement
 - > more effective collaboration
 - > increased student autonomy
- they provide a very useful means of accessing reference material
- handhelds allow teachers to move from whole-class to small-group to individual activities naturally
- interactive quizzes and exercises
- instant, in-class feedback on understanding



Disadvantages

- Students may attempt to use beaming to cheat on exams or beam inappropriate materials
- lack of “broadcast” beaming
- battery run-down can cause loss of data and applications
- stylus input is not always the most effective method
- security of personal information
- they are easily damaged, lost or stolen

References

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