

Case Study – Digital textbook

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LOGGED-ON

Empowering learning with technology

Case Study – Digital textbook

Research question:

«Will students increase their use of a textbook, and the efficiency of its use, if they gain access to a digital textbook with various digital aids?»



Implementation of the project

- The aim of the project was to measure the value of a digital textbook versus a traditional textbook.
- The project was implemented in eight VG1 TIP (mechanical) classes at Haugaland VGS, in three different subjects;
 - Technical Services,
 - Production
 - Documentation and quality.





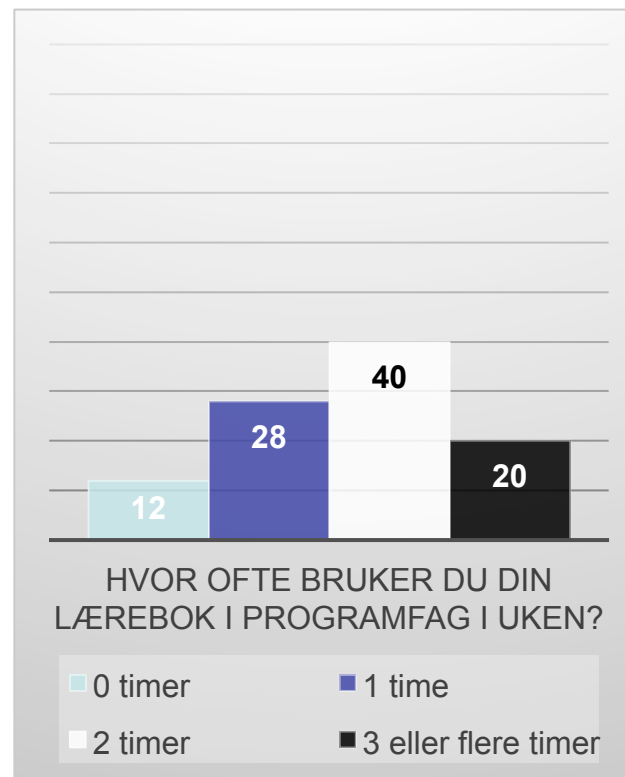
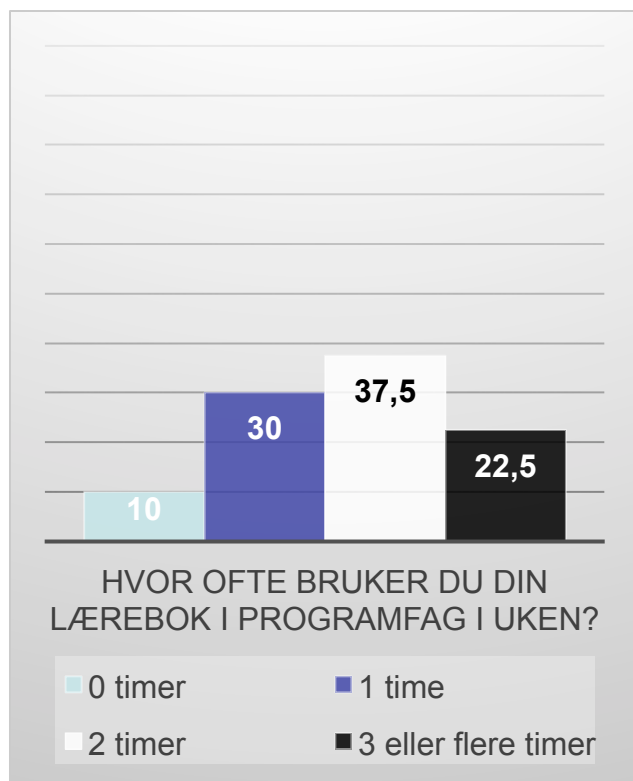
Implementation of the project

- How often do you use your textbook in your program subject during the week?
- How many tasks from the textbook do you resolve in a week?
- How much time at home during the week do you spend on the textbook?
- How often you forget to bring your textbook to school?
- Do you read the textbook on the way to and from school, for example. in bus / car?
- Do you make notes or "highlight" parts of the textbook?
- Do you miss the opportunity to listen to the textbook?
- Do you use your computer to take notes as you read the textbook?

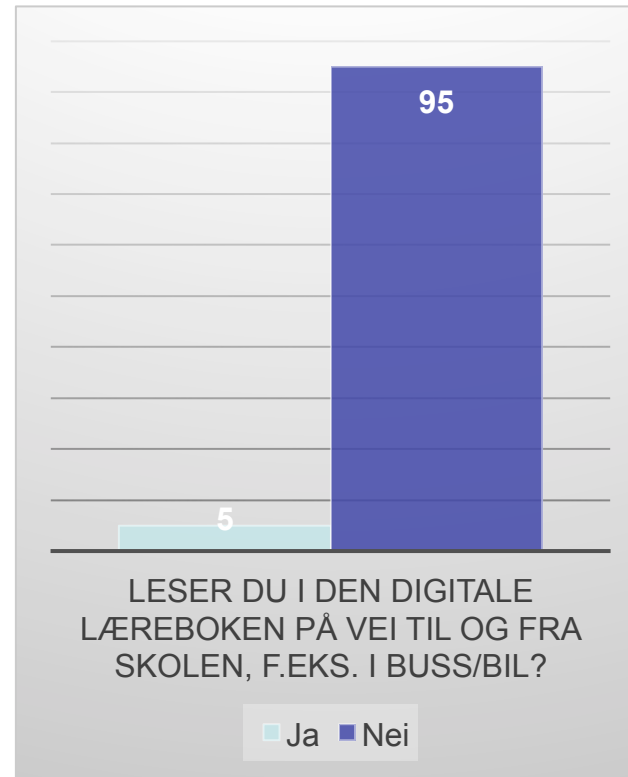
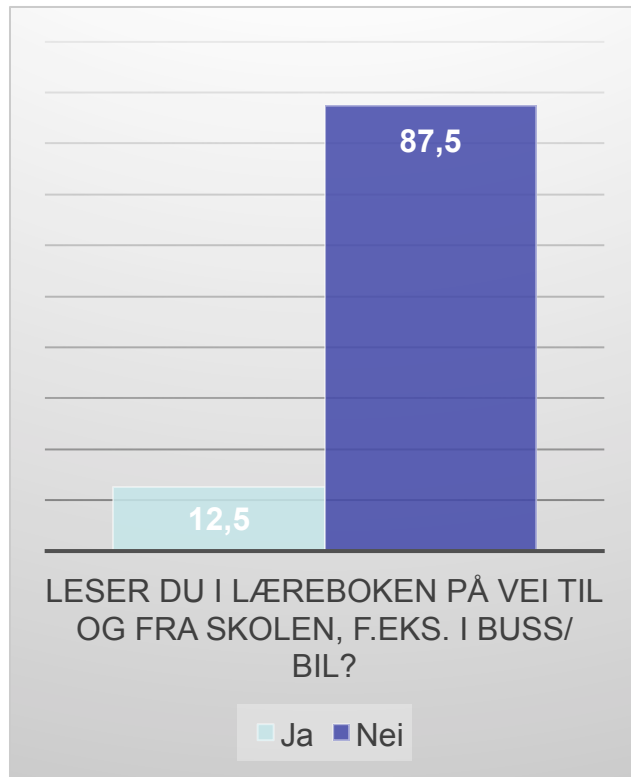




Example #1 from Case Study – Time spent on traditional textbooks compared to digital textbook



Example #2 from Case Study – Time spent on traditional vs. digital textbook on for instance bus or car



Example #3 from Case Study – Students taking notes while reading traditionally vs. Digital textbooks

