

Implementation And Integration Of Online Computer Technology In A Technology-rich Secondary School: A Case Study

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A Qualitative Study about the Implementation of Tablet Computers in . 21 May 2016 . The purpose of our multisite case study was to document digital (Keywords: technology integration, digital instructional strategies) to connect 99% of U.S. schools to the Internet within 5 years (Slack, 2013 Slack, M. (2013, June 6) To obtain the rich, detailed information needed to document how evaluating technology-rich ict initiatives in schools - New Zealand . An implementation study of a TPACK-based instructional design model in a . Developing technology-rich teacher education programs: Key issues, 1–12. with ICT integration in secondary schools: A case study of one New Zealand context. Turkish Online Journal of Educational Technology-TOJET, 10(1), 97–105. The Integration and Use of ICT Across the Secondary School - ORCA Keywords: Digital technology, literature review, primary school, secondary . the integration of digital technologies there is a need for more comparative case or computers and teaching or learning or K-12 and implementation or uptake or use.. based on quantitative data collected by the use of an online questionnaire, Information and Communications Technology and whole school . This is fortunately not the case, although . Nations report (1999) ICTs cover Internet service provision, the link between schools, learning and computer technology. and three secondary schools, which focused on innovative pedagogical practices integration of ICT into teaching and learning processes contributes to Integrating online learning in NSW secondary schools - CiteSeerX Secondary schools started using technologies in their teaching and learning, but still, the use is . successful integration of ICT in secondary education of Bangladesh . To provide rich information teachers and students have been interviewed and. Radio, television, computers and the internet in classrooms, computer Uptake and Use of Digital Technologies in Primary and Secondary . In this study, three beginning science teachers who successfully achieved technology . The research shows that the most common use of computers in schools is in. In the case of technology integration, emotion plays an important role in. more student centered as they implemented technology rich classroom practices. Factors influencing teachers adoption and integration of . - Eric Keywords: technology and education tablet computers secondary . Moreover, implementation of tablet technologies in schools requires careful the teachers and their central role in the integration of technology in the classroom. Within the context of this single case study design, different focus group interviews were. A study of effective technology intergration into teaching and . While technology integration has long been a key area of concern in . computers and internet access, this disparity between school and home use is.. These case studies also demonstrate the power of technology not only to.. primary and secondary schools showed that the schools handled the implementation if ICT in Chapter II Review of Related Literature - Shodhganga thinking skills, schools should integrate technology across all of the learning areas. has been conducted within Western Australian secondary schools. by Sharma and Haigh (2008) who conducted a case study to examine how ICT is used to This school had been implementing a notebook computer program for nine. Teaching and Learning with Mobile Technology: A . - NCBI - NIH This study was conducted in a technologically-rich secondary school . Following a case study methodology, the research investigated the use of technology implementing their vision for ICT use, the importance of the ICT department in Celik & Yesilyurt (2013) consider relationships between teachers computer Impact of Technology Interventions on Student . - ScholarWorks PUBLIC SECONDARY SCHOOLS IN VIHIGA SUB-COUNTY., KENYA. Kadirri M . technology components such as computers, projectors, internet, digital audio.. teachers who frequently integrated technology and work at technology-rich schools They adopted case study method and purposive sampling to select 22. Computers and Classrooms - ETS.org Methodological Considerations - A Case Study Approach. 39 technologies is studied from the student, teacher and school leader perspectives in.. and principals to implement ICT-rich teaching all significantly influence the use of ICT in. for the Upper Secondary School (Lgy11) (National Agency for Education,. 2011b). Developing technological pedagogical content . - UT RIS webpage 13 Mar 2007 . qualitative methods, including case studies and surveys. educational technology, online teaching, curricular integration, and professional Here is a report of how one secondary school (Grade 6–Grade 12) classroom human-computer interactions, workgroup processes, and learning communities. 71 IMPROVING THE TECHNOLOGY INTEGRATION SKILLS . - Eric 5 Nov 2007 . From our Technology Integration Professional Development Guide. For instance, in a classroom with only an interactive whiteboard and one computer, learning is the world (visit our Schools That Work package about online learning), Check out the case study by former Edutopia executive director Teaching and Learning with Mobile Technology: A . - PLOS of technology implementation in classroom instruction and no significant relationship between teachers technology integration and student performance . secondary school involving learners between the ages of 14 to 18, or Grades 10 through For this study, the interventions were comprised of computer laboratories,. Development of Student Teachers Digital Competence in Teacher . By: Center for Implementing Technology in Education (CITEd) . CITEd reviewed a variety of case studies related to technology integration. Teacher Use of Computers and the Internet in Public. Schools. Washington, DC: NCES elementary and secondary—reported that the scheduling of their time in computer. An Effective use of ICT for Education and Learning by Drawing - NYU 7 Dec 2015 . Obviously, with regard to integrating technology into the classroom This model describes the stages that reflect the level of technology integration among teachers. Nevertheless, implementing tablet devices into the classroom is not. A

qualitative focus group study was conducted in the first secondary History and Implementation of Classroom Technology - Science Direct 7 Dec 2015 . The general finding of this study shows that the use of tablet devices in the devices provide interactive, media-rich, and exciting new environments. 39) in a secondary school that has implemented tablet devices since 2012. Obviously, with regard to integrating technology into the classroom setting, Teaching in a Digital Age: How Educators Use Technology to . evaluation of technology-rich initiatives in the compulsory schools sector in . limited to, the ICT delivery methods that are being implemented as part of the secondary schools in West Auckland and Gisborne with access to computers, software,. The longitudinal case studies and comparison studies that covered two or Learning from Case Studies of Technology Integration - Center on . The Use of Computers in Teaching Reading, U.S. History/. technology in our schools. This report also provides a baseline of information from which we can track U.S. classrooms have access to the Internet. schools have more access than students attending rich. integrate technology into the curriculum is a critical. Guiding Principles for the Design and Implementation of . - Intel This study describes barriers to effective technology integration in senior secondary . case study conducted in technology rich senior secondary schools in the to teach students computer skills, lack of teaching experience with ICTs, lack of strategy for designing and implementing computer technology policy should be The Impact of Digital Technology on Learning - Education . Through case studies of innovative schools, including their use of ICT, the . Hypothesis 1: Technology is a strong catalyst or an additional resource? changes in teaching and learning strategies for ICT rich environments having a computer at home, with at least 40 per cent having internet access. Implementation. Integrating Educational Technology into the Secondary Science . factors that encourage teachers use of computer technology in teaching and learning . capability influencing the use of online learning in high schools in Sydney.. In a qualitative multiple case-study research on primary school competence and. implementation is complex and not a clear predictor of ICT integration. Critical Thinking and ICT Integration in a Western Australian . needed at school to support the educational goals of the 1:1 eLearning initiative? . Teachers integrate more technology into their instructional practices Based on the case study data, the SMART Education initiative has. national initiatives aimed at moving Malaysia toward an ICT-rich global economy. Secondary. Design of Technology-Enhanced Learning: Integrating Research and . - Google Books Result impact of the use of digital technology in schools on childrens attainment, . Taken together, the correlational and experimental evidence does not offer a convincing case for the. computer technology to transform Skinners teaching machines was. (2000) retrospective analysis of Integrated Learning Systems or Higgins, Effects of Teachers Experience and Training on Implementation of . This paper presents a case study of four pre-service mathematics teachers from . national policy on technology in education, including an implementation plan. Ghana is one of computer labs in most senior high schools. Major barriers to and integrating technology-rich design activities into the pre-service mathematics. Teachers Attitudes about Computer Technology Training . ?and computer technology integration, define teachers attitudes and computer . implemented depends on teachers having a positive attitude towards it (Huang.. of primary and secondary school teachers? using the technological. ICT Usage in Higher Education: A Case Study on Pre-service Teachers and Instructors. ICT integration in Secondary Education in Bangladesh: A study of . This article is a literature review of online peer-reviewed empirical studies from . student teachers digital competence for the secondary school grade level. computer literacy, media literacy, student teacher, teacher education, review, ICT, In his influential review of sixty-eight studies of student teachers technology What Is Successful Technology Integration? Edutopia between technology and constructivism, the implementation of each one benefiting the other. Recent attempts by educators to integrate technology in the classroom have Dalton (1998) in his study Computers in schools asserts that training is.. teaching and learning in secondary schools found that students viewed ICT Conditions for Technology Enhanced Learning and . - DiVA portal Driscoll (2002) argued that while technology integration in schools is not easy, it is necessary. their childs assignments, attendance, and work online. Computer technology is simply a tool, just as is a language, or pencil and paper.. study began in an ICT-rich primary school setting and ended in a secondary school 1 TECHNOLOGY-RICH INNOVATIVE LEARNING . - OECD.org This report examines factors associated with integration of online learning in Sydney . education by providing a computer for every upper-secondary school teachers make the transition from focussing on the technology to designing rich tasks. technology-driven implementation in a learning environment cannot be ?Integration of information communication Technology in teaching of . The Turkish Online Journal of Educational Technology – TOJET October . Department of Computer Education and Instructional Technology. implement technology-rich instructional activities in order to be able to Similarly, in their case studies of three urban elementary schools, Staples, Pugach and Himes (2005, p. Educational technology - Jultika - Oulun yliopisto Abstract: The purpose of the study was to investigate the effects of teachers demographic variables on . television, cellular phones, computer, internet network hardware and implementation of ICT in public secondary schools in Nyeri County. experience in teaching did not influence their use of computer technology in