Handbook Of Mobile Learning

Mobile LearningMobile Learning DesignMobile LearningMobile LearningMobile LearningMobile LearningSustaining Mobile LearningMobile Learning in Higher Education in the Asia–Pacific RegionMastering Mobile LearningMobile Learning Comes of AgeMobile Learning in SchoolsInnovative Mobile Learning: Techniques and TechnologiesMobile LearningMOBILE LEARNING FOR ENGLISH LANGUAGE LEARNERS AT SENIOR HIGH SCHOOLSThe Mobile Learning Edge: Tools and Technologies for Developing Your TeamsMobile Learning Applications in Early Childhood EducationHandbook of Mobile LearningNew Approaches in Mobile Learning for Early Childhood EducationMobile LearningThe New Landscape of Mobile Learning Scott McQuiggan Daniel Churchill Mohamed Ally John Traxler Norbert Pachler M. Pegrum Wan Ng Angela Murphy Chad Udell Gary Woodill Jocelyn Wishart Ryu, Hokyoung Shaun Wilden Veni Nella Syahputri Gary Woodill Stamatios Papadakis Zane L. Berge Papadakis, Stamatios Danielle Herro Charles Miller

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explore the game changing technology that allows mobile learning to effectively reach k 12 students mobile learning a handbook for developers educators and learners provides research based foundations for developing evaluating and integrating effective mobile learning pedagogy twenty first century students require twenty first century technology and mobile devices provide new and effective ways to educate children but with new technologies come new challenges therefore this handbook presents a comprehensive look at mobile learning by synthesizing relevant theories and drawing practical conclusions for developers educators and students mobile devices in ways that the laptop the personal computer and netbook computers have not present the opportunity to make learning more engaging interactive and available in both traditional classroom settings and informal learning environments from theory to practice mobile learning explores how mobile devices are different than their technological predecessors makes the case for developers teachers and parents to invest in the technology and illustrates the many ways in which it is innovative exciting and effective in educating k 12 students explores how mobile devices can support the needs of students provides examples screenshots graphics and visualizations to enhance the material presented in the book provides developers with the background necessary to create the apps their audience requires presents the case for mobile learning in and out of classrooms as early as preschool discusses how mobile learning enables better educational opportunities for the visually impaired students with autism and adult learners if you re a school administrator teacher app developer or parent this topical book provides a theoretical well researched discussion of the pedagogical theory and mobile learning as well as practical advice in setting up a mobile learning strategy

this book focuses on mobile learning design from both theoretical and practical perspectives it introduces and discusses how mobile learning can be effectively integrated into curricula highlighting the design of four key components of learning centric pedagogy resource activity support and evaluation in the context of mobile learning it also investigates the learning theories underpinning mobile learning design and includes case studies in different contexts it provides practical insights that allow teachers

to change and transform teaching practices using mobile technology anyone involved in mobile technology enhanced learning and teaching will find this book both informative and useful

this collection is directed towards anyone interested in the use of mobile learning for various applications readers will discover how to design learning materials for delivery on mobile technology and become familiar with the best practices of other educators trainers and researchers in the field as well as the most recent research initiatives in mobile learning businesses and governments can find out how to deliver timely information to staff using mobile devices professors and trainers can use this book as a textbook in courses on distance education mobile learning and educational technology in fact the book can be used by anyone interested in delivering education and training at a distance but especially by graduate students of emerging technology in learning

emphasising the issues of usability accessibility evaluation and effectiveness and illustrated by case studies drawn from contemporary projects from around the world this book considers the fundamentals of mobile technologies and devices the educational foundations of modern networked learning the issues that underpin mobile learning and make it accessible for all users the challenges of making mobile learning a substantial and sustainable component in colleges universities and corporations implications and issues for the future mobile learning provides useful authoritative and comprehensive guidance for professionals in higher and further education and trainers in the business sector who want to find out about the opportunities offered by new technologies to deliver support and enhance teaching learning and training

as with television and computers before it today s mobile technology challenges educators to respond and ensure their work is relevant to students what s changed is that this portable cross contextual way of engaging with the world is driving a more proactive approach to learning on the part of young people the first full length authored treatment of the relationship between the centrality of technological development in daily life and its potential as a means of education mobile learning charts the rapid emergence of new forms of mass communication and their potential for gathering shaping and analyzing information studying their

transformative capability and learning potential in the contexts of school and socio cultural change the focus is on mobile cell phones pdas and to a lesser extent gaming devices and music players not as the next new thing but meaningfully integrated into education without objectifying the devices or technology itself and the book fully grounds readers by offering theoretical and conceptual models an analytical framework for understanding the issues recommendations for specialized resources and practical examples of mobile learning in formal as well as informal educational settings particularly with at risk students among the topics covered core issues in mobile learning mobile devices as educational resources socioeconomic approaches to mobile learning creating situations that promote mobile learning ubiquitous mobility and its implications for pedagogy bridging the digital divide at the policy level mobile learning is a groundbreaking volume sure to stimulate both discussion and innovation among educational professionals interested in technology in the context of teaching and learning

this book explores the use of mobile devices for teaching and learning language and literacies investigating the ways in which these technologies open up new educational possibilities pegrum builds up a rich picture of contemporary mobile learning and outlines of likely future developments

mobile technologies are one of the fastest growing areas of technology in education for learners they offer an appealing opportunity to transcend teacher defined knowledge and approaches by being able to access multiple alternative sources of information anytime and anywhere while the pace of engagement with and research into the educational applications of mobile technologies has picked up dramatically in the last decade there is no consolidated view of how to sustain the practices or opportunities that are being explored sustainability is a complex but crucial issue in mobile learning as educational institutions are usually required to make substantial investments in mobile devices and associated technologies time and training to initiate mobile learning programs the complexity of sustainable mobile learning programs is further exacerbated by the fast pace of change of digital technologies where with every change new possibilities are opened up and investments required in addition educators are still attempting to reconcile institutions of formal education with informal mobile learning the book addresses these issues with a

particular focus on exploring the challenges surrounding the sustainability of mobile learning in k 12 and higher education investigating the importance of sustaining mobile learning for diverse populations of students globally discussing theoretical models for the sustainability of mobile learning providing the reader with strategies for sustaining mobile learning presenting new research alongside theoretical models and ideas for practice the book will appeal to researchers academics and postgraduate students in the fields of education and mobile learning as well as those working in teacher education

if mobile technologies are to be effectively used in education how do we best implement sustainable mobile solutions for teaching and learning the aim of this handbook is to support educators and policy makers who are investing in innovations in digital education to develop effective and sustainable mobile learning solutions for higher education environments authors from sixteen countries across the asia pacific region have collaborated to share their experiences with developing and implementing mobile learning initiatives these projects focus on a variety of aspects of mobile learning innovation from the trial adoption of existing social media platforms on mobile devices and the development of specialised applications or mobile learning systems to the large scale interuniversity implementation of technologies and pedagogies to support mobile learning each chapter addresses challenges and solutions at one or more levels of mobile learning innovation within the education system encompassing the student perspective the educator perspective technical processes policies and organisational strategy and leadership the book also offers a unique perspective on the integration of mobile learning innovations within the educational political and cultural environments of asia pacific countries

discover the strategies tools and technologies necessary for developing successful mobile learning programs in the modern rapidly expanding mobile learning environment only clear guidelines and state of the art technologies will stand up to the challenges that lie ahead with a smart focus that combines a proven process with all important strategies and practical applications mastering mobile learning stands as the most modern comprehensive resource on the subject it also features unique technical content previously unavailable among the literature of the mobile learning field this book will help you turn concept into reality this book will

show you best practices for obtaining and providing educational training and professional development content on devices like smartphones tablets and other mobile devices trainers educators designers instructional technologists workplace learning professionals and hr professionals will learn how mobile learning differs from other forms of e learning and will be introduced to the challenges and more importantly the advantages of mobile learning strategies and technologies for 21st century business environments the book provides an overview of mobile learning including evolving definitions and reasons for executives to embrace this approach a discussion of the business drivers of mobile learning advice for creating a mobile learning content strategy and easy ways to inexpensively launch mobile learning valuable tips on how to use unique affordances of mobile devices to better serve your learners while they are on the go information on the roi of mobile learning using mobile devices as research tools and why training in mobile development is critical an overview of the technical aspects of the design and development of mobile learning written by experts in this burgeoning field mastering mobile learning provides a roadmap for creating the most effective learning content strategies and applications possible

mobile learning in schools explores the potential for using mobile devices in diverse school and college settings around the globe it evaluates the exciting opportunities mobile initiatives bring and shares experience of where things can go wrong in order to ensure that those embarking on new projects are fully informed drawing on a wide range of international perspectives it unpicks knotty sociocultural issues including lack of sustainability behavioural and ethical concerns and explores successful student learning key issues considered include mobile learning in primary schools teaching and learning with mobile devices in secondary schools opportunities inside and outside school pedagogical principles and sustainability mobile learning for initial teacher training and cpd ethical considerations behaviour matters disruption plagiarism cheating cyberbullying assessing mobile learning with annotated further reading and questions to trigger reflection and further discussion amongst readers this thought provoking text provides a detailed survey of this often controversial topic it is essential reading for all those engaged in understanding the potential for using mobile devices to support students learning

this book includes the challenges and practical experience of the design of m learning environments covering current developments in m learning experiences in both academia and industry provided by publisher

into the classroom is a series of short practical guides that help teachers who work in the primary and secondary school setting to make sense of new teaching tools techniques and educational policy with ideas for implementing them in the classroom mobile learning provides clear guidance and essential support for teachers who want to use mobile devices in and outside the language classroom full of practical ideas and activities it emphasizes the power of the mobile device as a tool for language learning mobile learning helps teachers get started with using mobile devices and apps in class shows how to make the most of in built features such as messaging photos and audio recording introduces more advanced project ideas including digital storytelling video and animation multimodal approaches and augmented reality addresses issues such as acceptable use policies and staying safe provides teachers with dozens of practical ideas and activities they can immediately incorporate into their teaching shaun wilden is a teacher teacher trainer and materials writer who has been helping teachers integrate technology into their teaching for over a decade his main areas of interest are mobile devices online teaching and creating podcasts

this book provides a detailed and accessible guide to mobile learning focusing on the entire journey from concept to implementation it begins by introducing the rise of mobile learning in education explaining how smartphones and tablets have transformed the learning experience by examining key learning theories such as constructivism and behaviorism the book establishes a solid foundation for understanding how mobile platforms can effectively support education the book then explores into practical aspects of creating a mobile learning app it offers insights on planning designing and developing user friendly applications that engage learners through well crafted user interfaces and experiences a strong emphasis is placed on how thoughtful design impacts the learning process ensuring that apps are not only functional but also enjoyable and accessible for users beyond development the book explores strategies for evaluating app performance and maintaining it over time it provides practical tactics for keeping the app effective and up to date along the way it addresses common issues like technical problems

and user adoption offering solutions to overcome these challenges a key part of the book is its focus on collaboration between teachers and students in mobile learning it shows how mobile platforms can make learning more interactive engaging and connected ultimately improving the educational experience the book wraps up with a crucial discussion on security and privacy addressing the need to protect user data and comply with relevant regulations this is an essential aspect for developers and educators working with mobile learning tools overall this book is a comprehensive resource for anyone interested in mobile learning from educators to app developers offering clear and practical advice on leveraging mobile technology to enhance learning outcomes

engage and teach your team wherever and whenever from one of the world s leading e learning authorities the digital electronics revolution keeps us connected with almost anyone around the world and makes information available anywhere at anytime in the workplace the impact has been great propelling mobile learning to the forefront of training and education dr gary woodill a senior analyst at a leading e learning research firm shows you how mobile learning is evolving and how organizations can use it more efficiently and effectively with companies reaping the rewards of increased communication teamwork productivity and profitability learn how to break free from the old notions of training and development with the concrete strategies in the mobile learning edge and become skilled in the seven principles of successfully training employees on the move implement new learning programs that employees can access anywhere develop a future mobile learning strategy in an ever changing environment discover what might be the right kind of mobile technologies for your company with the mobile learning edge you ll go beyond applications and content and be able to create engaging and productive mobile learning for your team according to a recent study there s one mobile device for every two people in the world and the technology making these devices smarter and more connected is improving almost daily the real revolution is that mobile learning releases learners from the classroom where they are immobilized and allows them to learn at anytime anyplace in the mobile learning edge dr gary woodill outlines the most effective methodologies for training and engaging employees on the move and takes the person out of the classroom while keeping learners connected to the information they need at all times the mobile learning edge features information on the social media and enabled devices that can serve your

mobile learning concrete strategies for how your business can use mobile learning to train educate and instruct employees anywhere pointers on information gathering and analysis on the fly innovative ideas for creating effective mobile learning experiences comprehensive strategies for anticipating future mobile learning needs and developments you ll find a wealth of information about the history of this emerging field retrieving information methods for learning applications uses and experiences and how to put it all together to build a mobile learning system that s right for your team using case studies woodill shows how you can emulate the successes of corporations like nike accenture and merrill lynch in using micro blogging cloud computing mobile gaming intermodal mashups virtual worlds collective intelligence and other mobile learning platforms to take your business s recruitment training communication and collaboration functions to the next level

this book explores the methods and applications of mobile learning techniques and strategies within diversified teaching settings

winner of the aect division of distance learning ddl distance education book award this handbook provides a comprehensive compendium of research in all aspects of mobile learning one of the most significant ongoing global developments in the entire field of education rather than focus on specific technologies expert authors discuss how best to utilize technology in the service of improving teaching and learning for more than a decade researchers and practitioners have been exploring this area of study as the growing popularity of smartphones tablets and other such devices as well as the increasingly sophisticated applications for these devices has allowed educators to accommodate and support an increasingly mobile society this handbook provides the first authoritative account of the theory and research that underlies mobile learning while also exemplifying models of current and future practice

as personal computing devices transition from traditional computers to contemporary mobile platforms a global revolution in technology based learning is underway in the context of contemporary education a critical challenge involves aligning traditional pedagogical methods with the developmental needs of today s learners the intersection of information and communication

technologies ict and education is pivotal with mobile devices emerging as transformative catalysts new approaches in mobile learning for early childhood education explores the advantages inherent in mobile learning highlighting various forms of ict as technically appropriate tools that cater to the developmental needs of children the book underscores the distinctive benefits of mobile learning such as heightened user motivation intuitive usability and high accessibility and reliability it positions ict as an indispensable asset overshadowing conventional teaching approaches and emphasizes the principal benefit of these advancements the facilitation of accelerated and more effective learning in education within the pages of this book empirical studies unravel the transformative potential of mobile learning applications and their corresponding pedagogical strategies tailored for educators researchers and policymakers the book delves into diverse subject domains and age groups navigating through topics such as mobile learning intricacies educational applications for children and innovative science and mathematics education strategies

this book explores the growth and impact of mobile technologies on education and society it examines mobile learning in informal settings and classrooms language learning mobile gaming and policy issues addressing questions about the current and future state of mobile learning and the necessary policies and practices for effective use

the new landscape of mobile learning is the first book to provide a research based overview of the largely untapped array of potential tools that m learning offers educators and students in face to face hybrid and distance education this cutting edge guide provides an essential explanation of the emergence and role of apps in education design guidelines for educational apps case studies and student narratives from across the us describing successful app integration into both k 12 and higher education robust research based evaluation criteria for educational apps although many believe that apps have the potential to create opportunities for transformative mobile education a disparity currently exists between the individuals responsible for creating apps i e developers who often have little to no instructional experience and the ultimate consumers in the classroom i e k 20 educators and students the new landscape of mobile learning bridges this gap by illuminating critical design integration and evaluation narratives from

leaders in the instructional design distance education and mobile learning fields

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