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   Autore   Ng Wan

   Titolo   New Digital Technology in Education : Conceptualizing Professional
                        Learning for Educators / / by Wan Ng

   Pubbl/distr/stampa   Cham : , : Springer International Publishing : , : Imprint : Springer, ,
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   ISBN   3-319-05822-3

   Edizione   [1st ed. 2015.]

   Descrizione fisica   1 online resource (236 p.)

   Disciplina   370
                        371.3
                        371.33

   Soggetti   Educational technology
                        Learning
                        Instruction
                        Educational Technology
                        Learning & Instruction

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Note generali   Description based upon print version of record.

   Nota di bibliografia Includes bibliographical references and index.

   Nota di contenuto   Critical literature review on the status of digital technology integration
                        in education -- An overview of teachers' professional learning in
                        adopting technology into their teaching -- A framework for systematic
                        and sustainable teachers' professional learning in new digital
                        technology integration into teaching -- Digital learners in today's
                        classrooms -- Learning theories in technology-supported
                        environments -- Digital resources and tools supporting learning:
                        Affordances and limitations -- Digital literacy: The overarching element
                        in successful technology integration -- Flipped Classroom --
                        Personalised and collaborative learning -- Assessing with digital
                        technology -- Conclusion .

   Sommario/riassunto   This practice-minded reference addresses educator confusion and
                        skepticism towards digital technologies in the classroom, demystifying
                        the processes of digital learning and establishing a framework for
                        integrating technology into professional development. Theories and
                        findings on technology-enhanced learning offer instructors models for

improving their own digital literacy toward developing and implementing materials and evaluating results. Chapters analyzing current digital trends in education, including BYOD (bring your own device) learning, personalized learning, and the flipped classroom, demonstrate a wide range of educational possibilities across disciplines. The guidelines proposed in the book allow educators to develop a systematic professional learning program so that technology becomes an necessary and valued component of their teaching repertoire. Among the featured topics: Change and continuity in educational uses of new digital technologies. Digital practices of young people and their teaching implications. Theories underpinning learning with digital technologies. · Digital literacy: The overarching element for successful technology integration. Technology integration and the flipped classroom. Mobile learning: BYOD and personalized learning. For educators and education researchers, New Digital Technology in Education is a stimulating guide to the challenges and opportunities ahead as technology continues to be an essential part of learning, and pedagogy catches up.