

Litmaps

Literaturrecherche basierend auf Zitationen (und Inhalt)

The screenshot displays the Litmaps web application interface. On the left, there is a sidebar with a search bar, 'IMPORT' and 'SYNC' buttons, and a 'Welcome!' message with 'Create Free Account' and 'Sign In' buttons. The main content area is titled 'Explore Related Articles' and features a filter bar with options for 'Date', 'Keyword', and 'Journal'. Below this, there are four article cards, each with a title, author, journal name, and citation/reference counts. The central part of the interface is a citation network visualization where nodes represent articles and lines represent citations. A central node for 'Quraishi, 2024' is the largest and darkest, with lines connecting it to various other nodes. The nodes are arranged in a fan shape, with lines radiating from the central node to peripheral nodes. At the bottom of the network, there is a horizontal axis labeled 'MORE RECENTLY PUBLISHED' with an arrow pointing to the right. On the right side of the network, there is a vertical axis labeled 'MORE CITATIONS' with an upward-pointing arrow. The interface also includes a 'You're in Guest Mode' notification at the top and a 'How are these results calculated?' link.

Litmaps

You're in Guest Mode. [Sign Up for a Free Account](#) to access more of Litmaps' features.

Search...

IMPORT SYNC

Filter by Date, Keyword, Journal, and more...

How are these results calculated? Advanced

Hakimi, 2024
Evaluating the Impact of Emerging Technologies on Student Learning Outcomes: A Case Study of Kabul University, Afghanistan
International Journal of Multidisciplinary Approach Research and Science (Online)
26 REFERENCES | 0 CITATIONS
Tag +
Refine Search: More Like This

Boateng, 2016
Determinants of e-learning adoption among students of developing countries
80 REFERENCES | 123 CITATIONS
Tag +
Refine Search: More Like This

Chai, 2011
The Internet and Teacher Education: Traversing between the Digitized World and Schools
Internet and Higher Education
78 REFERENCES | 72 CITATIONS
Tag +
Refine Search: More Like This

Suwarga, 2024
The Influence of Education and Training and Compensation on Teacher Performance Mediated by Loyalty
Jurnal Penelitian Pendidikan IPA

Yousafzai, 2007

Rawashdeh, 2021

Boateng, 2016

Chai, 2011

Lin, 2011

Fazil, 2023

Hasas, 2024

Baxi, 2023

Hakimi, 2024

Akrami, 2024

Quraishi, 2024

Hor-Meyll, 2014

Hanif, 2019

Rafsanjani, 2023

Hakimi, 2024

Okoed, 2024

Suwarga, 2024

(?)

MORE CITATIONS

MORE RECENTLY PUBLISHED

Undermind

Literaturrecherche basierend vorgängigem Chat

The screenshot shows the Undermind website's home page. At the top, there is a navigation bar with 'Home', 'Search', 'History', 'Pricing', and 'Logout'. A green banner reads 'Welcome! You're on a free trial of Undermind Pro'. The main heading is 'Undermind Research Assistant'. Below this, a chat window is open. The assistant's message says: 'Welcome! I'm your research assistant. What topic are you looking for?'. The user's response is: 'You can tell me exactly what you want, like a colleague, and I'll understand. The more you explain, the better I can help, so please be as detailed and specific as possible. I'll ask one or two questions to clarify, then I'll do a deep search to find precisely relevant research papers for you.' The assistant's response is: 'I need studies on digital literacy education. The studies should be centered on Europe and relatively recent though often cited studies are of interest as well. They can be quantitative or qualitative. Ideally they should focus on secondary school level. The studies need not focus on a specific aspect of digital literacy. Of special interest are studies that thematise methodology and didactics as well as studies that consider the impact of digital literacy education.' The assistant then asks: 'Thank you for your details. Can you clarify how you define 'impact' in the context of digital literacy education? Are you interested in academic outcomes, social impacts, or perhaps changes in digital competencies? Would you prefer studies that assess impact empirically or could theoretical discussions suffice? Furthermore, are you more inclined towards studies that propose innovative methodologies versus those that analyze existing ones?'

This screenshot shows a 'Proposed Search Topic' box. The text inside reads: 'Digital literacy education in European secondary schools, exploring methodologies, didactics, and the impacts on both students (skills, practices) and educators (teaching practices, curricula) in recent or frequently cited studies.' Below the box is a 'Submit Deep Search' button. Above the box, the assistant's question is visible: 'To refine further, it would be good to discuss if you have any particular preferences towards pedagogical frameworks or teaching approaches (e.g., constructivist, collaborative learning, etc.)? Are you interested in specific European regions or pan-European studies? Finally, do you require any key terms or outcomes specified in the papers (e.g., digital competencies, critical media literacy)?'

This screenshot shows a refined 'Proposed Search Topic' box. The text inside reads: 'Digital literacy education in Western European secondary schools, including Switzerland, with a focus on methodologies, didactics, and impacts on students and educators in the context of recent or highly referenced studies.' Below the box is a 'Submit Deep Search' button. Above the box, the assistant's question is visible: 'I've put together a proposed search topic for you. Please take a look above, make any edits if needed, and when you're ready, submit it. I'm also happy to discuss it further.' The user's response is: 'I'm especially interested in Western European countries and Switzerland. No key terms or outcomes are required in the studies.' The assistant then asks: 'Are you specifically interested in comparative studies between Western European countries and Switzerland? Should the research delineate differences in policy impacts? Beyond academic and behavioral impacts, would studies on institutional changes or educational technology integration fit your interests?'

Undermind: Deep scientific search
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The screenshot shows the search results page. At the top, there is a 'Research Topic:' section with the text: 'Digital literacy education in Western European and Swiss secondary schools, focusing on methodologies, didactics, impacts (on students, educators, and institutions), and relevant policy changes, with an emphasis on recent or often cited studies.' Below this is a 'Searching...' section with a progress bar. The text says: 'Results will appear here when finished. Typically takes 3-5 minutes. We'll also email you when the report is complete, and you can always return here from your History page.' The progress bar is partially filled with green. Below the progress bar, a list of steps is shown: 'Interpreting your search and identifying criteria for relevance...', 'Searching for the most promising papers...', 'Reading and identifying the best candidate papers...', 'Reflecting on the results...', 'Identifying key information to help uncover more papers...', 'Adapting and searching again...', 'Adapting and searching again for comprehensiveness...', and 'Identifying important categories of results...'.

Undermind

Literaturrecherche basierend vorgängigem Chat

Research topic

Digital literacy education in Western European and Swiss secondary schools, focusing on methodologies, didactics, impacts (on students, educators, and institutions), and relevant policy changes, with an emphasis on recent or often cited studies.

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Report

Detailed summary

Recent research demonstrates that digital literacy education in Western European and Swiss secondary schools has advanced significantly, with promising methodologies like blended learning and teacher self-evaluation frameworks (e.g., DigiLit Leicester [3 , 4]), but continues to face major barriers due to teacher competence gaps, unequal access, and inconsistent policy implementation across decentralized systems like Switzerland's (e.g., EDUNUM [7]).

Crucial Findings on the Topic 1. Policy and Frameworks

- EU vs. Swiss Context: EU-driven frameworks (e.g., DigComp) have shaped curricula across Western Europe, emphasizing digital skills as core competencies for both students and teachers [15 , 16]. Switzerland adopts EU-aligned trends but operates through a decentralized approach, creating local variability in implementation [7 , 10].
- Policy Gaps: Despite these frameworks, uneven clarity in policy implementation and local adaptation slows progress, as observed in Switzerland's EDUNUM case [7 , 10], and Austria's "Digital Education" program [1 , 2].

2. Teaching Methodologies and Didactics

- Promising Approaches:
 - Teacher-Centric Frameworks: Projects like DigiLit Leicester (UK) show scalable success in empowering educators through self-evaluation and professional development for embedding digital literacy into teaching [3 , 4].
 - Inquiry-Based and Collaborative Methods: Interactive pedagogical models, including project-based learning [22] and blended learning approaches, enhance student engagement and skill acquisition [8 , 11].
 - Critical Media Literacy: Some curricula focus on addressing misinformation, plagiarism, and ethical use of digital tools, often highlighting gaps in perception vs. ability (e.g., Austria, Norway) [6 , 9].
- Challenges: Studies consistently reveal insufficient teacher training and digital skill preparedness, even in highly digital nations like Norway [5] or Austria [1 , 21]. Teachers rely heavily on external supports for content and pedagogy adaptation [7 , 21].

3. Equity and Access

- Digital Divide: Persistent inequalities exist in digital resource access, usage, and training, particularly between vocational and preparatory tracks [19] and socioeconomically disadvantaged areas [11]. Gender differences in digital skill perception are also significant [6].
- Infrastructure Challenges: Programs like 1:1 laptop initiatives expose limitations in equitable implementation, with gaps in device use and integration into meaningful classroom activities [19].

4. Impacts

- Students: Positive correlations between digital literacy education and improved academic performance, ethical digital behavior, and critical thinking skills are reported [6 , 12]. However, the "attitude-ability" gap (students overestimating their skills) complicates curricula design [6].
- Teachers: Teacher attitudes and competence are crucial; studies indicate that enthusiasm, recent training, and adaptability strongly influence implementation efficacy [8 , 13].
- Institutions: Broader institutional change, spurred by COVID-19's push for digitalization, underscores the need for sustained hybrid learning resilience [24].

5. Research Gaps

- Evaluation Tools: There is no unified framework for assessing the long-term impacts of digital literacy initiatives; most studies focus on short-term skills acquisition (e.g., surveys) rather than broader societal outcomes [14 , 15].
- Scalability: Pilot program results (e.g., [13 , 22]) are promising but lack longitudinal follow-up to validate outcomes across broader contexts.

Key Takeaways

While digital literacy education has seen commendable advancements in methodologies and frameworks, widespread implementation remains restrained by systemic inequities, teacher preparedness, and challenges in bridging the "digital divide." Future improvement necessitates robust teacher training, accessible resources, and unified evaluation standards.

Categories of papers

Timeline and citation network

Discovery progress: more than 90% complete (~5-18 papers found)

References

Toggle all abstracts Export all data Show only: Last 5 years Last 2 years > 1 citation per year > 5 citations per year

Topic Match	Cit./Year	Year	Paper	Paper Relevance Summary
85.7%	0.0	2021	[1] Digital Literacy in Austrian Lower Secondary Education - A Synthesis and Evaluation of Experiences in the First Two Years Corinna Hörmann, ..., and B. Sabitzer 2021 6th International STEM Education Conference (iSTEM-Ed) 2021 - 0 citations - Show abstract - Cite	Provides an evaluation of Austria's new mandatory digital literacy curriculum in lower secondary education. Focuses on teachers' implementation experiences, challenges, and opinions two years after introducing "Digital Education" as a subject or integrated curriculum. Relevant to methodologies and educator impacts but geographically outside Western Europe/Swiss scope; limited to early-stage analysis with no broader policy evaluation.
83.5%	0.2	2020	[2] Digital Literacy in Lower Secondary Education - A First Evaluation of the Situation in Austria Corinna Hörmann and B. Sabitzer International Conference on Informatics in Secondary Schools 2020 - 1 citations - Show abstract - Cite	Provides an evaluation of Austria's implementation of "Digital Education" in lower secondary schools. Examines curriculum design (digital/media/civic competences), implementation approaches (standalone vs. integrated), and challenges like teacher availability. Focuses on Austria, not Western Europe or Switzerland, but offers insights into policy-driven digital literacy education with systemic challenges.
82.0%	0.2	2018	[3] Digital Literacy and Open Educational Practice: DigiLit Leicester Josie Fraser and K. Reedy Digital Literacy Unpacked 2018 - 1 citations - Show abstract - Cite	Provides insights into digital literacy development for secondary school educators. Focuses on improving educators' digital skills and practices via innovative methodologies, with an emphasis on open educational practices. Limited to UK context (Leicester), omitting student impacts, institutional changes, and Western European or Swiss policy relevance.
77.8%	0.0	2014	[4] Defining a Self-Evaluation Digital Literacy Framework for Secondary Educators: The DigiLit Leicester Project. R. Hall, ..., and Josie Fraser	Provides a self-evaluation digital literacy framework for secondary educators. Focuses on teacher professional development, emphasizing pedagogic innovation, ethical considerations, and teacher agency to improve digital literacy teaching.



Semantic Scholar

„Klassische“ Stichwortsuche mit KI-Unterstützung

u^b

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digital literacy education

Search

thetester

About 264,000 results for "digital literacy education"

Fields of Study

Date Range

Has PDF

Author

Journals & Conferences

Sort by Relevance



The Intersection of Public Policy and Public Access: Digital Inclusion, Digital Literacy Education, and Libraries

Chen Wang Li Si Education · Sustainability · 25 February 2024

This study aims to examine the state of **digital inclusion** and **digital literacy education** in Chinese libraries and provide recommendations for improvement. The background section emphasizes the... [Expand](#)

6 PDF Publisher Save Cite

Digital Literacy Education for a Future Society - Curriculum and Teaching Cases for Digital Literacy Education in the Social Sciences

Hee Jin Kim Hye Jung Park Education, Computer Science · Korean Association for Literacy ·

31 October 2024

TLDR This study developed a **digital literacy** course for undergraduate students based on the components and **educational** philosophy of the DigComp Framework 2.2, one of the most widely used **digital** competence frameworks. [Expand](#)

Publisher Save Cite

Digital Literacy Education in Maine's Public Libraries

Michelle K Conners Education, Computer Science · Maine policy review · 30 December 2024

Publisher Save Cite

Analysis of Overcoming Cyberbullying through Digital Literacy Education

M. Amrullah M. D. K. Wardana Khizanatul Hikmah Novita Nur Cahyanti Salsabila Fatikha

Education, Computer Science · Proceeding International Conference on Lesson... · 14 October 2023

TLDR The results showed that understanding cyberbullying and **digital literacy education** can improve the perception of children in orphanages regarding several events that will often be encountered in the environment. [Expand](#)

PDF Publisher Save Cite

Digital Literacy Education and Liberal Arts

Seung-Ug Park Education, Computer Science · General Education and Citizen · 31 January 2023

Literaturrecherche basierend auf einem Text/Artikel



The screenshot displays the Keenious web application interface. On the left is a navigation sidebar with options like 'Explore', 'Upgrade to Plus', and 'Help Center'. The main area shows a search result for the article 'Digital Literacy in Lower Secondary Education – A First Evaluation of the Situation in Austria' by Corinna Hörmann and Barbara Sabitzer. Below the article, a list of recommended articles is shown, including 'Contents of Digital Literacy from the Perspective of Teachers and Pupils', 'Computational empowerment: participatory design in education', and 'Digital and media literacy in pre-service teacher education'. A sidebar on the right contains search filters and a 'Help' button.



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Digital Literacy in Lower Secondary Education – A First Evaluation of the Situation in Austria

Corinna Hörmann¹ and Barbara Sabitzer²

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barbara.sabitzer@jku.at

Abstract. As long ago as 1988, Austria introduced the subject “Computer Science” in grade 9. Quite a long time there was solely this one year of mandatory IT-education during school career. In 2011, all European countries had digital education policies in place, either as standalone policies or as part of a national ICT strategy. The strategic weight of these policies remained on nurturing students’ digital competences, justified by future economic benefits. For Austria, these changes have not resulted in further computer science education in school. When Austria implemented the new mandatory subject “Digital Education” in September 2018 for all students in lower secondary education, computer science education finally found its way into additional grades. The curriculum covers digital competences, media competences, as well as civic education. Schools can decide if they offer stand-alone subjects or if they implement the curriculum in an integrative way in several other subjects. However, schools still fight the problem who is teaching and how, because most schools just cannot install an extra subject, due to lack of teachers or lack of teaching hours available. This paper reports on the implementation of the subject “Digital Education” in Upper Austrian schools and takes a closer look at first experiences by evaluating a survey answered by 117 teachers approximately two years after the implementation of the new subject.

Keywords: STEM · Digital Literacy · Digital Education · Computational Thinking

1 Introduction

Computational thinking tools and methods found their way into multiple scientific fields, becoming widespread among scientists long ago [14]. Computational thinking covers solving problems, designing systems, and understanding human behavior by drawing on the concepts of computer science [16]. Furthermore, computational thinking can be understood as the connective tissue that combines computer science with many other disciplines [13]. However, there is still a lack of those concepts in educational context in Austria, even if the implementation

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2 Corinna Hörmann and Barbara Sabitzer

of computational thinking in schools is nothing new. In the 1960s, the American computer scientist and university professor Alan Perlis insisted on the introduction of “theory of computation” for all college students in the USA [9]. As long ago as 1988, Austria introduced the subject “Computer Science” in grade 9. The curriculum includes the topics “Computer Science, People, and Society”, “IT Systems”, “Applied Computer Science”, “Computer Science in Practice”.

Search topics

Articles Topics

Topic

Digital Education and Technological Literacy

This cluster of papers explores the intersection of digital technology, education, and generational divides. It delves into topics such as attention economy, cognitive modes, youth engagement through social media platforms like TikTok, and the influence of algorithms on educational content. The focus is on understanding technological literacy and its impact on pedagogy in the digital age.

4.7K Publications

Topic

Digital Competence in Education and Workforce Development

This cluster of papers explores the development and assessment of digital competence, including digital skills, 21st-century skills, and ICT competencies, in the context of education and workforce development. It covers topics such as teacher education, media literacy, professional development, digital literacy, and the impact of digital competence on educational outcomes and the labor market.

22K Publications

Topic

Enhancing Digital Literacy through Education

This cluster of papers focuses on enhancing digital literacy and education, with a particular emphasis on e-learning, school literacy movement, information literacy, and reading interest. The role of teachers in promoting literacy, multiliteracy paradigm, and early reading programs are also explored.

270K Publications

Topic

Digital Education in the 21st Century

This cluster of papers explores the intersection of digital technology and education in the 21st century, covering topics such as online learning, educational technology, pedagogical approaches, e-learning, blogs in education, open education, virtual learning environments, inclusive education, and the use of social media in education.

36K Publications

Topic

Innovations in Education Technology and Pedagogy

This cluster of papers covers a wide range of topics related to innovations in education technology and pedagogy, including peer-to-peer teaching, project-based learning, STEM education, digital literacy, online learning, multicultural education, student engagement, learning management systems, and the development of 21st-century skills. The papers also discuss various educational policies and their impact on teaching and learning.

3.1K Publications

Topic

Innovative Approaches in Education and Technology Integration

This cluster of papers covers a wide range of topics related to innovative approaches in education, technology integration, and sustainable development.

Help

Literaturrecherche basierend auf einem Text/Artikel



The screenshot displays the Keenious web interface. On the left is a navigation sidebar with options like 'Explore', 'Upgrade to Plus', and 'Help Center'. The main area shows a document viewer for a paper titled 'Digital Literacy in Lower Secondary Education – A First Evaluation of the Situation in Austria' by Corinna Hörmann and Barbara Sabitzer. The document content includes an abstract, keywords, and an introduction. On the right, a search bar is active with the query 'Enhancing Digital Litera...'. Below the search bar, a list of recommended articles is shown, including 'Teacher Digital Literacy: The Indisputable Challenge after COVID-19', 'Professional Development of Rural Teachers Based on Digital Literacy', 'Fostering Digital Literacy in Higher Education: Benefits, Challenges and Implications', 'Digital Literacy in Formal Online Education: A Short Review', 'Untangling media literacy, information literacy, and digital literacy: A systematic meta-review of core concepts in media education', 'Digital literacy of preservice science teacher', and 'An Approach to Digital Literacy through the Integration of Media and Information Literacy'. Each article entry includes its title, journal name, and citation count.

Digital Literacy in Western European Secondary Education

Share

Search Digital literacy education in Western European and Swiss secondary schools, focusing on meth...

Summary of top 4 papers

Copy

Recent studies highlight the importance of digital literacy education in European secondary schools. A systematic review identified key dimensions of critical digital literacies (CDL) for school education, including e-safety, participation, and media literacy (Ilomäki et al., 2023). In Austria, the implementation of a new "Digital Education" curriculum in lower secondary schools has been generally positive, despite some challenges in teacher preparation and resource allocation (Hörmann et al., 2021; Hörmann & Sabitzer, 2020). An umbrella review of 40 years of research on teachers' roles in digitalizing education emphasized the widespread acceptance of the TPACK framework and the need for a clear concept of digital literacy (Wohlfart & Wagner, 2022). These studies underscore the ongoing efforts to integrate digital literacy into European education systems, while also highlighting the importance of continuous professional development for teachers and the need to address barriers to effective implementation.

Sort: Most relevant Filters 1 Export as UPGRADE 8

Paper	Abstract summary	Methodology	Manage Columns
<input type="checkbox"/> Critical digital literacies at school level: A systematic review Liisa Ilomäki +6 Revista de educación 2023 · 16 citations Source DOI	This systematic review identifies key elements and issues of critical digital literacies relevant for school education in academic literature and policy documents.	<ul style="list-style-type: none">- Preliminary mapping of the topic and defining the research question- Selecting the sources (EBSCO, Web of Science, and Google Scholar databases)- Choosing search concepts and conducting the searches- Applying inclusion/exclusion criteria to select the final set of 139 research articles and 9 policy documents- Thematically categorizing the concepts and terms related to critical digital literacies into dimensions and subdimensions	<p>Search or create a column</p> <p>Describe what kind of data you want to extract</p> <p>e.g. Limitations, Survival time</p> <p>CURRENT COLUMNS</p> <p>Methodology</p> <p>ADD COLUMNS</p> <ul style="list-style-type: none">+ Summary+ Main findings+ Intervention
<input type="checkbox"/> Digital Literacy in Austrian Lower Secondary Education - A Synthesis and Evaluation of Experiences in the First Two Years Corinna Hörmann +2 2021 6th International STEM Education Conference (iSTEM-Ed) 2021 · 0 citations DOI	The paper evaluates the implementation of a new mandatory digital literacy curriculum in Austrian lower secondary schools, finding a mostly positive attitude despite some challenges.	<ul style="list-style-type: none">- The study used a survey methodology to gather data on teachers' experiences with the new "Digital Education" curriculum in Austria- The survey was sent to 133 local public schools, with 117 teachers completing the questionnaire and 39 providing additional comments- The qualitative data from the survey was analyzed to address two research questions: 1) How do teachers manage the implementation of the new curriculum? and 2) What is the teachers' opinion on the current	

Add new step

Literaturrecherche basierend auf Fragestellung

Q Digital literacy education in Western European and Swiss secondary schools, focusing on methodologies, didactics, impacts (on students, educators, and institutions), and relevant policy changes, with an emphasis on recent or often cited studies.

Sort: Most relevant Filters 1 Export as UPGRADE 8

<input type="checkbox"/> Paper	Abstract summary	Methodology	Manage Columns
<input type="checkbox"/> Critical digital literacies at school level: A systematic review <small>Liisa Ilomäki +6</small> <small>Revista de educación</small> <small>2023 · 16 citations</small> Source DOI	This systematic review identifies key elements and issues of critical digital literacies relevant for school education in academic literature and policy documents.	<ul style="list-style-type: none"> - Preliminary mapping of the topic and defining the research question - Selecting the sources (EBSCO, Web of Science, and Google Scholar databases) - Choosing search concepts and conducting the searches - Applying inclusion/exclusion criteria to select the final set of 139 research articles and 9 policy documents - Thematically categorizing the concepts and terms related to critical digital literacies into dimensions and subdimensions 	<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> Search or create a column Describe what kind of data you want to extract e.g. Limitations, Survival time </div> <div style="border: 1px solid #ccc; padding: 5px;"> CURRENT COLUMNS Methodology </div> <div style="border: 1px solid #ccc; padding: 5px;"> ADD COLUMNS <ul style="list-style-type: none"> + Summary + Main findings + Intervention + Outcome measured + Limitations + Intervention effects <div style="text-align: right; margin-top: 5px;">Show more</div> </div>
<input type="checkbox"/> Digital Literacy in Austrian Lower Secondary Education - A Synthesis and Evaluation of Experiences in the First Two Years <small>Corinna Hörmann +2</small> <small>2021 6th International STEM Education Conference (iSTEM-Ed)</small> <small>2021 · 0 citations</small> DOI	The paper evaluates the implementation of a new mandatory digital literacy curriculum in Austrian lower secondary schools, finding a mostly positive attitude despite some challenges.	<ul style="list-style-type: none"> - The study used a survey methodology to gather data on teachers' experiences with the new "Digital Education" curriculum in Austria - The survey was sent to 133 local public schools, with 117 teachers completing the questionnaire and 39 providing additional comments - The qualitative data from the survey was analyzed to address two research questions: 1) How do teachers manage the implementation of the new curriculum? and 2) What is the teachers' opinion on the current situation? 	
<input type="checkbox"/> Teachers' role in digitalizing education: an umbrella review <small>Olivia Wohlfart +1</small> <small>Educational technology research and development</small> <small>2022 · 23 citations</small> Source DOI	This review summarizes 40 years of research on teachers' role in digitalizing education, including the need for a clear concept of digital literacy and barriers to integrating digital technologies.	<ul style="list-style-type: none"> - Synthesizing findings from 23 systematic reviews, comprising a total of 1062 primary studies - Focusing on technology integration and aspects of digital literacy in the teaching profession - Examining the TPACK framework and the concept of digital literacy - Identifying and discussing parallels and barriers related to teachers' digital literacy development and technology integration 	
<input type="checkbox"/> Digital Literacy in Lower Secondary Education - A First Evaluation of the Situation in Austria <small>Corinna Hörmann +1</small> <small>International Conference on Informatics in Secondary Schools</small> <small>2020 · 1 citation</small>	The paper evaluates the implementation of mandatory digital education in lower secondary schools in Austria, including challenges around teaching resources.	<ul style="list-style-type: none"> - Survey of 117 teachers in Upper Austrian schools approximately 2 years after the implementation of the "Digital Education" subject - Evaluation of the challenges schools faced in implementing the new subject, such as a lack of teachers or teaching hours - Examination of how schools were implementing the "Digital Education" curriculum, either as a standalone subject or integrated into other subjects 	
<input type="checkbox"/> Teachers' data literacy for learning analytics: a central predictor for digital data use in upper secondary schools <small>K. Michos +2</small> <small>Education and Information Technologies : Official Journal of the IFIP technical committee on Education</small> <small>2023 · 10 citations</small> Source DOI	Teachers' data literacy is a central predictor for their use of digital data in upper secondary schools.	The study used a survey methodology with a sample of 1,059 teachers from upper secondary schools in Switzerland. The researchers conducted descriptive analysis of the survey responses and used multilevel modeling to investigate the factors that predict teachers' use of digital data, including school-level, teacher-level, and personal factors.	<ul style="list-style-type: none"> + Outcome measured + Limitations + Intervention effects <div style="text-align: right; margin-top: 5px;">Show more</div>
<input type="checkbox"/> Developing Digital Competence and Media Literacy through PBL: Web 2.0 tools used in #DigitalEU – we'll do! eTwinning project <small>Emese Cimpean +1</small> <small>Educatia 21</small> <small>2022 · 3 citations</small> Source DOI	The paper discusses how eTwinning projects can develop digital and media literacy competencies in education.	<ul style="list-style-type: none"> - Observation of students - Analysis of students' work - Questionnaire-based survey of 30 students involved in the project 	
<input type="checkbox"/> Bildung digital? Wie Jugendliche lernen und Schulen lehren <small>Barbara Engels +1</small> <small>2020 · 1 citation</small> DOI	The paper examines how German youth use the internet for learning and the importance of digital and media literacy education in schools.	<ul style="list-style-type: none"> - A survey of young people in Germany to examine how they use the internet for learning and selecting educational videos - Analysis of 2018 PISA data to assess the extent to which students' online behavior at home is discussed in school lessons and how well they are taught to use digital media - A two-pronged analysis comparing the "demand" (student use) and "supply" (school teaching) sides of digital education 	

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Q Digital literacy education in Western European and Swiss secondary schools, focusing on methodologies, didactics, impacts (on students, educators, and institutions), and relevant policy changes, with an emphasis on recent or often cited studies.

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International Conference on Informatics in Secondary Schools
2020 · 1 citation

Teachers' data literacy for learning analytics: a central predictor for digital data use in upper secondary schools
K. Michos +2
Education and Information Technologies : Official Journal of the IFIP technical committee on Education
2023 · 10 citations [Source](#) [DOI](#)

Digital literacy and fluency in education: Enhancing teacher education preparedness policy
Nongluck Manowalilou +4
Journal of Infrastructure Policy and Development
2024 · 2 citations [Source](#) [DOI](#)

digital literacy education

Universität und PH Bern

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- Bern UB vonRoll (98)
- Bern UB Unitobler (26)
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- Region Zentralschweiz (143)
- Weitere anzeigen

Ressourcentyp

- Artikel (46.148)
- Zeitschriftenartikel (3.893)
- Hochschulschriften (3.884)
- Weitere anzeigen

Jahr

von 1911 bis 2026 Verfeinern

Neue Titel

- In den letzten 3 Monaten
- Im letzten Monat
- In der letzten Woche

Einschliesslich "computer literacy". Nur Suche digital literacy education

- 0 ausgewählt Seite 1 1-10 von 62.275 Ergebnissen
- ARTIKEL**
Digital Literacy Education in der Schweiz
Düggeli, Albert; Boéchat-Heer, Stéphanie; Biedermann, Horst
Schweizerische Gesellschaft für Bildungsforschung (SGBF)
2018-10-24
[Online verfügbar](#)
 - BUCH**
Building bridges : rethinking literacy teacher education in a digital era
Rotterdam, Netherlands ; Boston, [Massachusetts] ; Taipei, [Taiwan] : Sense Publishers,
1st ed. 2016.; 2016.; ©2016
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Digital Media in Education : Teaching, Learning and Literacy Practices with Young Learners
Cannon, Michelle (Autor_in)
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Muntean, Ana,
[Place of publication not identified] : Biblioteca Științifică a Universității de Stat Alecu Russo,
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 - BUCH**
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 - MEHRERE VERSIONEN**
Digital literacy unpacked
Reedy, Katharine;Parker, Jo
[2 Versionen gefunden. Alle Versionen anzeigen](#)
 - KONFERENZSCHRIFT**
Information literacy in the workplace : 5th European Conference, ECIL 2017, Saint-Malo, France, September 18-21, 2017 : revised selected papers



Datenbanksuche mit vorgeschlagenen Suchbegriffen

Suchen: ERIC

digital literacy in education

Alle Filter (0) Volltext Peer-Reviewed Alle Zeiträume Quellentyp

Erweiterte Suche

Anzeigen: 10 Relevanz

Ergebnisse: 7.546

1 **Peer-reviewed | Wissenschaftl. Zeitschrift**

The Quality Management of *Education* in Elementary Schools in Improving Teachers' *Digital Literacy* in the Era of Online Learning

Von: Sri Marmoah; Jenny I. S. Poerwanti; Suharno; +1 weitere • In: Pegem Journal of *Education* and Instruction, 2024 • ERIC

Digital literacy is a significant need in the 21st-century world. Mastery of *digital literacy* in the context of learning can streamline and improve learning processes and outcomes. *Digital literacy* is a new life skill currently. This study aims to describe the ... [Mehr anzeigen](#)

Themen: *Digital Literacy*; Online Courses; Teaching Methods; Faculty Development; +6 weitere

Zugriffsoptionen

2 **Peer-reviewed | Wissenschaftl. Zeitschrift**

Exploring the Nexus of Technology, *Digital*, and Visual *Literacy*: A Bibliometric Analysis

Von: Mesut Bulut; Ayhan Bulut; Abdullatif Kaban; +1 weitere • In: International Journal of *Education* in Mathematics, Science and Technology, 2024 • ERIC

Through a bibliometric analysis, this study aimed to uncover the connections between technology, *digital* and visual *literacy*, and *education*. By examining the Web of Science database, we were able to gain insight into the scope of the topic and int... [Mehr anzeigen](#)

Themen: Technological *Literacy*; *Digital Literacy*; Visual *Literacy*; Educational Research; +4 weitere

Zugriffsoptionen

3 **Peer-reviewed | Wissenschaftl. Zeitschrift**

***Digital Literacy* for Children: An Overview**

Von: Hatice Degirmenci Gündoğmuş • In: African Educational Research Journal, 2024 • ERIC

Digital technologies have become a part of everyday life, taking center stage. It has dominated people's lives and changed the way they live life. The task of protecting and raising awareness of children from the negative effects of the *digital* age, whi... [Mehr anzeigen](#)

Themen: *Digital Literacy*; Children; Child Rearing; Family Environment; +6 weitere

Zugriffsoptionen

4 **Peer-reviewed | Wissenschaftl. Zeitschrift**

A Cartography of *Digital Literacy*: Conceptual Categories and Main Issues in the Theorization and Study of *Digital Literacies*

Von: Samaniego, José Miguel • In: *Digital Education Review*, Jun 2023 • ERIC

Suchen: ERIC

digital literacy in education

Alle Filter (0) Volltext Peer-Reviewed Alle Zeiträume Quellentyp

Erweiterte Suche

5 **Peer-reviewed | Wissenschaftl. Zeitschrift**

Enhancing *Digital Literacy* in *Education*: Educational Directions

Von: Gloria Hongyee Chan • In: *Education & Training*, 2024 • ERIC

Purpose: The significance of *digital literacy* in online social capital accumulation and surviving the contemporary society is widely recognised. Despite that the current generation is regarded as "*digital natives*", their levels and nature of *digital liter...* [Mehr anzeigen](#)

Themen: *Digital Literacy*; Internet; Social Capital; Socioeconomic Background; +3 weitere

Zugriffsoptionen

6 **Peer-reviewed | Wissenschaftl. Zeitschrift**

Epilogue: Rethinking *Digital Literacy*–Media *Education* in the Age of *Digital Capitalism*

Von: Buckingham, David • In: *Digital Education Review*, Jun 2020 • ERIC

Advocates of *digital education* have increasingly recognized the need for young people to acquire *digital media literacy*. However, this idea is often seen in instrumental terms, and is rarely implemented in any coherent or comprehensive way. This paper... [Mehr anzeigen](#)

Themen: Technological *Literacy*; Media *Literacy*; Teaching Methods; Guidelines; +13 weitere

Zugriffsoptionen

7 **Peer-reviewed | Wissenschaftl. Zeitschrift**

Key Factors in *Digital Literacy* in Learning and *Education*: A Systematic Literature Review Using Text Mining

Von: Audrin, Catherine; Audrin, Bertrand • In: *Education* and Information Technologies, Jul 2022 • ERIC

This research aims at providing an overview of the research field of *digital literacy* into learning and *education*. Using text mining, it reviews 1037 research articles published on the topic between 2000 and 2020. This review reveals that there is a plura... [Mehr anzeigen](#)

Themen: Technological *Literacy*; Educational Research; Electronic Learning; Information Technology; +3 weitere

Zugriffsoptionen

8 **Peer-reviewed | Wissenschaftl. Zeitschrift**

From Connected Learning to Connected Teaching: Reimagining *Digital Literacy* Pedagogy in English Teacher *Education*

Von: Nicole Mirra • In: *English Education*, 2019 • ERIC

Many teachers still struggle to find a coherent and meaningful framework for incorporating new *literacies* into their instruction. This case study examines the teaching and learning that took place in a New and Multimodal *Literacies* class for preservic... [Mehr anzeigen](#)

Themen: English Teachers; *Digital Literacy*; Preservice Teacher *Education*; Technology Uses in *Education*; +8 weitere

Zugriffsoptionen