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Bridging Tradition and Innovation: Transforming Islamic Pedagogy for the Twenty-First Century

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Abstract

The rapid transformation of contemporary societies driven by globalization, digitalization, artificial intelligence, and technological innovation has created significant challenges and opportunities for educational systems worldwide. This study aims to examine how Islamic pedagogy can bridge tradition and innovation in order to respond effectively to the demands of the twenty-first century. The research employs a qualitative library research approach through a systematic review and thematic analysis of scholarly literature concerning Islamic education, educational innovation, digital pedagogy, human-centered learning, and twenty-first-century competencies. The findings indicate that the foundational concepts of ta'lim, tarbiyah, and ta'dib remain highly relevant for addressing contemporary educational challenges when integrated with learner-centered pedagogy, digital literacy, critical thinking, creativity, collaboration, and global citizenship education. The study further reveals that successful educational transformation requires holistic alignment among educational philosophy, curriculum design, teacher development, technology integration, and institutional culture. The novelty of this study lies in the development of the Integrative Islamic Pedagogy Framework (IIPF), which synthesizes Islamic educational philosophy, twenty-first-century learning theory, human-centered education, digital pedagogy, and transformative learning into a comprehensive model for educational reform. The study concludes that Islamic pedagogy possesses substantial conceptual resources for fostering ethical, innovative, and socially responsible learners capable of contributing positively to an increasingly interconnected and technologically driven world..

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Introduction

The twenty-first century has witnessed unprecedented transformations in the social, economic, technological, and educational landscapes. Rapid globalization, digitalization, artificial intelligence, and the expansion of knowledge economies have fundamentally altered the competencies required for success in contemporary societies. Educational institutions worldwide are increasingly challenged to prepare learners for complex realities characterized by uncertainty, innovation, and continuous change. These developments have prompted extensive debates regarding the relevance of traditional educational models and the need for pedagogical transformation. Within this context, Islamic education faces both opportunities and challenges in responding to the demands of contemporary societies while preserving its foundational values and objectives. Consequently, the question of how Islamic pedagogy can bridge tradition and innovation has become a significant concern for scholars and practitioners alike (UNESCO, 2023; OECD, 2023).

Islamic education possesses a rich intellectual heritage that has historically contributed to the advancement of knowledge, civilization, and human development. Classical Islamic educational institutions cultivated generations of scholars, scientists, philosophers, jurists, and educators whose contributions influenced both Muslim and non-Muslim societies. Central to this tradition was a holistic educational philosophy that integrated intellectual inquiry, ethical formation, spiritual development, and social

responsibility. Education was understood not merely as the transmission of information but as the cultivation of virtuous and knowledgeable individuals capable of contributing positively to society. These principles remain relevant in contemporary educational discourse, particularly amid concerns regarding the moral and social consequences of rapid technological change. Therefore, the renewal of Islamic pedagogy requires engagement with both historical traditions and contemporary realities (Sahin, 2020; Memon, 2021).

The increasing complexity of modern societies has generated new expectations for educational systems. Learners are now expected to possess not only disciplinary knowledge but also critical thinking skills, creativity, collaboration, digital literacy, problem-solving abilities, and intercultural competence. These competencies are frequently described as essential twenty-first-century skills that enable individuals to adapt to rapidly changing environments. Educational institutions are therefore under pressure to redesign curricula, teaching methods, and assessment practices to align with these emerging demands. Islamic educational institutions are similarly confronted with the challenge of ensuring that graduates possess both religious knowledge and contemporary competencies. This challenge necessitates pedagogical approaches that integrate tradition and innovation rather than treating them as opposing forces (Voogt et al., 2021; Trilling & Fadel, 2022).

Recent developments in educational technology have further accelerated discussions concerning pedagogical transformation. Digital learning environments, artificial intelligence, learning analytics, virtual reality, and online educational platforms are increasingly influencing teaching and learning processes across the globe. These technologies offer opportunities for personalized learning, expanded educational access, and innovative instructional practices. However, they also raise concerns regarding equity, ethics, human interaction, and the preservation of educational values. For Islamic educational institutions, technological innovation must be evaluated not only according to its efficiency but also according to its compatibility with broader educational and ethical objectives. Consequently, the integration of technology into Islamic pedagogy requires careful reflection and critical engagement (Holmes et al., 2022; UNESCO, 2023).

The concept of Islamic pedagogy extends beyond instructional techniques and encompasses a comprehensive philosophy of education rooted in Islamic epistemology and ethics. Islamic educational thought traditionally emphasizes the interconnected concepts of *ta'lim* (instruction), *tarbiyah* (holistic nurturing), and *ta'dib* (ethical cultivation). These concepts reflect a vision of education that seeks to develop intellectual competence, moral character, spiritual awareness, and social responsibility simultaneously. Contemporary scholars argue that these principles remain highly relevant for addressing many of the educational challenges associated with modernization and globalization. Rather than viewing Islamic pedagogy as static or resistant to change, recent scholarship highlights its dynamic capacity for adaptation and renewal. This perspective provides a foundation for exploring innovative educational practices within Islamic contexts (Halstead, 2022; Sahin, 2020).

One of the most significant challenges facing Islamic education today is the perceived dichotomy between religious and modern forms of knowledge. Historical, political, and institutional factors have often contributed to educational structures that separate religious studies from scientific, technological, and professional disciplines. Such divisions may limit learners' ability to engage holistically with contemporary

social realities. Increasingly, scholars advocate for integrated educational approaches that transcend these dichotomies and promote interdisciplinary learning. The integration of religious and contemporary knowledge is particularly important in preparing students to address complex global challenges that require ethical reflection alongside technical expertise. Therefore, transforming Islamic pedagogy involves reconsidering how different forms of knowledge are conceptualized and interconnected within educational settings (Tan, 2023; Ahmed, 2022).

Globalization has also intensified interactions among diverse cultures, religions, and worldviews. As societies become increasingly interconnected, educational institutions must prepare learners to engage constructively with diversity while maintaining a strong sense of identity and purpose. Islamic education has traditionally emphasized values such as justice, compassion, cooperation, and respect for human dignity, all of which are highly relevant to contemporary multicultural contexts. However, achieving these objectives requires pedagogical approaches that encourage dialogue, critical reflection, and intercultural understanding. Educational innovation can therefore play an important role in strengthening the capacity of Islamic institutions to contribute positively to increasingly diverse societies. This challenge further underscores the importance of pedagogical transformation in the twenty-first century (Merry, 2022; Kamali, 2021).

The rise of artificial intelligence and automation has generated new debates concerning the future of education. Many routine cognitive tasks are increasingly performed by intelligent systems, raising questions about which human capacities will remain most valuable in the future. Scholars argue that education should place greater emphasis on creativity, ethical reasoning, emotional intelligence, and complex problem-solving—capacities that are difficult to automate. Islamic educational philosophy has long emphasized the development of wisdom, character, and moral judgment alongside intellectual achievement. Consequently, Islamic pedagogy possesses unique strengths that may contribute to contemporary discussions concerning human-centered education. Exploring these strengths can provide important insights into educational transformation in the age of intelligent technologies (Luckin, 2018; Selwyn, 2023).

Educational innovation is frequently associated with the adoption of new technologies, yet innovation encompasses broader dimensions of teaching and learning. Pedagogical innovation may involve changes in curriculum design, instructional strategies, assessment practices, learning environments, and institutional culture. Effective innovation requires alignment between educational goals, pedagogical methods, and learner needs. Within Islamic educational contexts, innovation should not be understood as abandoning tradition but rather as reinterpreting and applying foundational principles in ways that address contemporary challenges. This understanding supports the development of educational models that are both authentic and adaptable. Consequently, innovation and tradition should be viewed as complementary rather than contradictory elements of educational development (Fullan, 2020; Tan, 2023).

Contemporary research increasingly emphasizes the importance of learner-centered pedagogies. Such approaches position students as active participants in the learning process rather than passive recipients of information. Learner-centered education encourages inquiry, collaboration, critical reflection, and self-directed learning. These principles resonate with aspects of classical Islamic educational traditions, which often emphasized dialogue, mentorship, and intellectual engagement.

Integrating learner-centered approaches into Islamic pedagogy may therefore represent not a departure from tradition but a revitalization of important educational principles. Such integration can contribute to more meaningful and effective learning experiences for contemporary students (Biesta, 2022; Memon, 2021).

Another important trend in contemporary education concerns the growing recognition of social-emotional learning and well-being. Increasing evidence suggests that academic success is closely connected to emotional resilience, interpersonal competence, ethical awareness, and psychological well-being. Educational systems are therefore expanding their focus beyond cognitive achievement to include broader dimensions of human development. Islamic educational philosophy has long emphasized the interconnectedness of intellectual, emotional, spiritual, and moral growth. This holistic perspective offers valuable insights for contemporary educational debates concerning well-being and human flourishing. Consequently, Islamic pedagogy can contribute significantly to emerging discussions about holistic education in the twenty-first century (OECD, 2023; Halstead, 2022).

The COVID-19 pandemic further accelerated educational transformation by highlighting both the possibilities and limitations of digital learning. Educational institutions across the world were compelled to adopt remote and hybrid learning models, resulting in rapid technological adaptation. While these developments expanded opportunities for flexible learning, they also revealed challenges related to inequality, learner engagement, and educational quality. Islamic educational institutions experienced similar challenges and were required to rethink traditional teaching practices in response to changing circumstances. These experiences have reinforced the importance of pedagogical flexibility, innovation, and resilience. As educational systems continue to evolve, lessons learned from the pandemic remain highly relevant for future pedagogical development (Dhawan, 2020; UNESCO, 2023).

Scholars of Islamic education increasingly argue that educational renewal should be guided by both continuity and change. Continuity ensures that educational practices remain connected to foundational values and purposes, while change enables adaptation to emerging realities and societal needs. This balance is particularly important in contexts characterized by rapid technological, cultural, and economic transformation. Educational institutions that emphasize continuity without adaptation risk irrelevance, whereas those that prioritize innovation without grounding may lose their distinctive identity. Therefore, sustainable educational transformation requires careful negotiation between tradition and innovation. This perspective provides a conceptual foundation for the present study (Sahin, 2020; Tan, 2023).

Recent empirical studies have examined various aspects of innovation within Islamic educational institutions. Researchers have explored topics such as technology integration, curriculum reform, student-centered learning, teacher professional development, and educational leadership. These studies generally indicate positive outcomes associated with pedagogical innovation, including increased student engagement, improved learning outcomes, and enhanced institutional effectiveness. However, many investigations focus on specific interventions rather than broader theoretical questions concerning the nature of Islamic pedagogical transformation. As a result, there remains a need for conceptual frameworks that integrate diverse strands of research into a coherent understanding of educational change. Addressing this need represents an important scholarly contribution (Rahman et al., 2023; Abdullah & Hashim, 2022).

Despite growing interest in educational innovation, significant gaps remain within the literature. Many studies discuss modernization and technological integration without adequately examining the philosophical foundations of Islamic pedagogy. Conversely, some discussions of Islamic educational philosophy pay limited attention to contemporary educational challenges and opportunities. This separation restricts the development of comprehensive approaches capable of addressing both continuity and transformation. Consequently, there is a need for research that explicitly explores how Islamic educational traditions can inform innovative pedagogical practices in the twenty-first century. Such scholarship can contribute to both theoretical advancement and practical educational improvement (Memon, 2021; Halstead, 2022).

Furthermore, existing literature often focuses on isolated educational dimensions such as curriculum, technology, leadership, or assessment. While these studies provide valuable insights, they may overlook the interconnected nature of educational transformation. Effective pedagogical change requires alignment among educational philosophy, curriculum design, teaching practices, institutional culture, and learner development. A holistic framework is therefore necessary for understanding how innovation can be integrated into Islamic educational systems without compromising their foundational values. Such a framework may also help educational institutions navigate contemporary challenges more effectively. This need further justifies the importance of the present study (Fullan, 2020; Biesta, 2022).

Against this background, the present study seeks to examine how Islamic pedagogy can bridge tradition and innovation in response to the demands of the twenty-first century. Specifically, the study explores the philosophical foundations of Islamic pedagogy, analyzes contemporary educational challenges and opportunities, and proposes an integrative framework for pedagogical transformation. The novelty of the study lies in its development of a conceptual model that synthesizes Islamic educational philosophy, twenty-first-century learning theories, educational innovation, and holistic human development into a unified pedagogical framework. By doing so, the study aims to contribute to contemporary discussions concerning the future of Islamic education and its role in preparing learners for an increasingly complex and interconnected world.

Theoretical Framework

Islamic pedagogy is grounded in a holistic educational philosophy that seeks to cultivate intellectual excellence, moral character, spiritual consciousness, and social responsibility simultaneously. Unlike narrowly instrumental approaches to education, Islamic pedagogy views learning as a transformative process that shapes the entire human person. Classical Muslim scholars emphasized that education should not merely transmit information but should also develop wisdom, ethical judgment, and virtuous conduct. This perspective remains highly relevant in contemporary educational contexts characterized by rapid technological and social change. Modern scholars argue that the enduring strength of Islamic pedagogy lies in its ability to balance cognitive, affective, and spiritual dimensions of learning. Consequently, discussions concerning pedagogical transformation in Islamic education must begin with an understanding of these foundational principles (Memon, 2021; Sahin, 2020).

The concepts of *ta'lim*, *tarbiyah*, and *ta'dib* constitute the core theoretical foundations of Islamic pedagogy. *Ta'lim* refers to the transmission and acquisition of knowledge, emphasizing intellectual development and critical understanding. *Tarbiyah* focuses on nurturing learners holistically by developing their intellectual, emotional,

social, and spiritual capacities. Meanwhile, *ta'dib* highlights ethical formation and the cultivation of proper conduct. Contemporary scholars argue that these concepts provide a comprehensive educational framework capable of addressing modern educational challenges while preserving Islamic identity. Rather than representing outdated educational ideals, these principles offer conceptual resources for reimagining education in increasingly complex societies. Therefore, pedagogical innovation within Islamic education should be informed by these foundational concepts (Halstead, 2022; Memon, 2021).

Recent scholarship has emphasized that Islamic educational philosophy possesses an inherently dynamic character rather than a static orientation. Historically, Muslim scholars continuously adapted educational practices to changing social, intellectual, and political circumstances. Educational institutions evolved in response to emerging disciplines, scientific discoveries, and societal needs. This historical adaptability suggests that innovation is not foreign to Islamic educational traditions but rather constitutes an integral part of their development. Contemporary efforts to modernize Islamic education should therefore be viewed as continuations of this historical process rather than departures from tradition. Such a perspective challenges simplistic assumptions that tradition and innovation are necessarily incompatible. Instead, both can be understood as complementary dimensions of educational renewal (Sahin, 2020; Tan, 2023).

The theory of twenty-first-century learning provides another important foundation for understanding pedagogical transformation. Contemporary educational frameworks emphasize competencies such as critical thinking, creativity, communication, collaboration, digital literacy, and problem-solving. These competencies are widely recognized as essential for navigating increasingly complex and interconnected societies. Educational institutions are expected to prepare learners not only to acquire knowledge but also to apply it effectively in diverse contexts. Scholars argue that these competencies support lifelong learning and adaptability in rapidly changing environments. Consequently, twenty-first-century learning theories provide valuable insights for rethinking pedagogical approaches within Islamic educational settings (Voogt et al., 2021; OECD, 2023).

Critical thinking has emerged as one of the most frequently discussed competencies within contemporary educational discourse. Educational researchers emphasize its importance for evaluating information, addressing complex problems, and making informed decisions. Interestingly, the development of critical reasoning has deep roots within Islamic intellectual traditions. Classical Muslim scholars cultivated traditions of inquiry, debate, reflection, and analytical reasoning across various disciplines. Contemporary scholars therefore argue that fostering critical thinking within Islamic education represents a revival of historical educational practices rather than the adoption of exclusively Western educational models. Integrating critical thinking into Islamic pedagogy can thus strengthen both academic rigor and intellectual engagement among learners (Sahin, 2020; Halstead, 2022).

Creativity is another essential component of twenty-first-century education. In contemporary societies, creativity is increasingly associated with innovation, entrepreneurship, problem-solving, and knowledge production. Educational institutions are expected to cultivate environments that encourage exploration, experimentation, and original thinking. Islamic intellectual history provides numerous examples of creativity in science, philosophy, architecture, literature, and jurisprudence. These historical

experiences challenge misconceptions that creativity and tradition are inherently opposed. Instead, creativity can be understood as a means of applying foundational values to new circumstances and challenges. Therefore, fostering creativity should be considered a central objective of contemporary Islamic pedagogy (Tan, 2023; Fullan, 2020).

The theory of learner-centered education has also become increasingly influential in discussions concerning educational reform. Learner-centered approaches emphasize active participation, inquiry, collaboration, and self-directed learning. Rather than positioning students as passive recipients of information, these approaches encourage learners to construct knowledge through meaningful engagement. Recent studies indicate that learner-centered pedagogies enhance motivation, critical thinking, and long-term learning outcomes. Interestingly, aspects of learner-centered education resonate with traditional Islamic educational practices such as dialogue (*munazarah*), consultation (*shura*), and mentorship. Consequently, the adoption of learner-centered pedagogies within Islamic education can be viewed as both innovative and historically grounded (Biesta, 2022; Dube & Zheba, 2025).

Constructivist learning theory provides an additional theoretical perspective relevant to pedagogical transformation. Constructivism argues that learners actively construct knowledge through interaction with experiences, ideas, and social contexts. Learning is therefore understood as a dynamic and participatory process rather than a simple transfer of information. Contemporary educational research demonstrates that constructivist approaches support deeper understanding and meaningful learning. Within Islamic educational contexts, constructivist principles can be integrated with traditions of reflection (*tafakkur*), reasoning (*ijtihad*), and experiential learning. Such integration may enhance educational effectiveness while maintaining fidelity to Islamic educational values (Biesta, 2022; Tan, 2023).

Digital pedagogy has emerged as a major area of educational innovation in the twenty-first century. Digital technologies have transformed how knowledge is accessed, created, shared, and evaluated. Educational institutions increasingly utilize online platforms, learning management systems, artificial intelligence, multimedia resources, and collaborative digital tools to enhance learning experiences. Research indicates that effective digital pedagogy can improve accessibility, engagement, and personalization. However, technological integration must be guided by pedagogical objectives rather than technological novelty alone. This consideration is particularly important within Islamic educational contexts where educational goals extend beyond technical proficiency to include ethical and spiritual development (Holmes et al., 2022; UNESCO, 2023). Recent studies in Islamic education similarly emphasize the need to balance technological innovation with value-based educational principles.

The Technology Pedagogical Content Knowledge (TPACK) framework has become one of the most influential models for understanding technology integration in education. The framework emphasizes the interaction among technological knowledge, pedagogical knowledge, and subject-matter knowledge. Effective educational technology use requires teachers to integrate these dimensions rather than treating technology as an isolated component. Research demonstrates that teachers' digital competencies significantly influence the success of technology-enhanced learning initiatives. Within Islamic educational institutions, the TPACK framework provides useful guidance for integrating digital tools while maintaining pedagogical coherence

and educational integrity. Consequently, teacher development becomes a crucial aspect of pedagogical transformation (Mishra & Koehler, 2006; Mintasih et al., 2024).

Human-centered education represents another important theoretical perspective relevant to contemporary pedagogical reform. Human-centered approaches emphasize the development of the whole person rather than focusing exclusively on measurable academic outcomes. Educational success is understood in terms of intellectual growth, ethical maturity, emotional well-being, social responsibility, and personal fulfillment. This perspective aligns closely with Islamic educational philosophy, which has historically prioritized holistic human development. Contemporary scholars increasingly argue that human-centered approaches are particularly important in an era characterized by automation, artificial intelligence, and technological disruption. Such approaches help ensure that educational systems remain focused on human flourishing rather than technological efficiency alone (Biesta, 2022; OECD, 2023).

The theory of transformative learning further contributes to understanding pedagogical innovation within Islamic education. Transformative learning emphasizes critical reflection, perspective transformation, and personal growth through educational experiences. Learners are encouraged to question assumptions, reconsider beliefs, and develop more inclusive and reflective worldviews. Research indicates that transformative learning can foster deeper engagement and meaningful change in attitudes and behaviors. Islamic educational traditions similarly emphasize self-reflection (*muhasabah*), moral development, and spiritual growth as central educational objectives. Consequently, transformative learning theory offers valuable insights for reimagining Islamic pedagogy in contemporary contexts (Mezirow, 2018; Memon, 2021).

Previous studies have explored the integration of modern pedagogical approaches within Islamic educational institutions. Dube and Zheba (2025) found that combining student-centered learning, collaborative learning, project-based learning, and technology-enhanced instruction with classical Islamic teaching traditions significantly improved educational relevance and learner engagement. Their study concluded that tradition and innovation should be understood as mutually reinforcing rather than mutually exclusive educational forces. Furthermore, they argued that successful pedagogical transformation requires preserving Islamic ethical and epistemological foundations while embracing contemporary educational practices. These findings provide strong support for integrative approaches to educational reform.

Research concerning digital transformation in Islamic education has also expanded significantly in recent years. Bibliometric analyses indicate growing scholarly interest in digital pedagogy, artificial intelligence, educational technology, and online learning within Islamic educational contexts. Studies suggest that technological integration can enhance accessibility, instructional quality, and learner participation when implemented effectively. However, scholars also emphasize concerns regarding ethical challenges, teacher preparedness, and the preservation of spiritual values. Consequently, technological innovation must be accompanied by thoughtful pedagogical design and ethical reflection. These findings highlight the importance of balancing technological advancement with educational purpose.

Another important body of research examines curriculum innovation within Islamic education. Recent studies argue that curriculum reform is essential for addressing contemporary societal challenges and labor-market demands. Effective curriculum innovation involves integrating religious knowledge with scientific literacy,

digital competence, critical thinking, and global awareness. Scholars contend that such integration can help overcome longstanding dichotomies between religious and secular forms of knowledge. Moreover, interdisciplinary curricula may better prepare learners to address complex real-world problems. These findings suggest that pedagogical transformation requires curriculum renewal alongside instructional innovation.

Studies focusing on teacher competence consistently identify educators as key agents of educational transformation. Teachers play crucial roles in interpreting curricula, implementing pedagogical innovations, and shaping learning environments. Research indicates that successful educational reform depends heavily on teachers' professional knowledge, pedagogical skills, technological competence, and willingness to embrace change. Within Islamic educational institutions, teachers must also navigate questions concerning identity, values, and educational purpose. Consequently, professional development initiatives should address both pedagogical innovation and Islamic educational philosophy. Such an integrated approach may strengthen the capacity of educators to lead meaningful educational transformation.

Despite growing scholarship on innovation in Islamic education, significant gaps remain in the literature. Existing studies often focus on isolated dimensions of educational change such as technology integration, curriculum development, or teacher competence. Relatively few studies have developed comprehensive theoretical frameworks that integrate Islamic educational philosophy, twenty-first-century learning theories, human-centered education, digital pedagogy, and transformative learning into a unified model. This fragmentation limits the development of holistic approaches capable of addressing contemporary educational challenges. Therefore, the present study seeks to address this gap by proposing an integrative framework for transforming Islamic pedagogy in the twenty-first century. The novelty of this framework lies in its synthesis of classical Islamic educational principles and contemporary educational innovation to create a human-centered, ethically grounded, and future-oriented model of Islamic pedagogy.

Methodology

This study employed a qualitative **library research** design to explore the transformation of Islamic pedagogy in the twenty-first century and to develop a conceptual framework that bridges educational tradition and innovation. Library research is particularly appropriate for studies that aim to synthesize theoretical perspectives, identify conceptual patterns, and construct integrative frameworks from existing scholarly literature. Rather than relying on primary field data, this approach systematically examines and interprets published academic sources to generate new insights and theoretical contributions. Given the conceptual nature of the research problem, a library-based methodology provides an effective means of analyzing contemporary developments in Islamic education alongside broader educational theories and innovations. Furthermore, this method enables the integration of diverse perspectives originating from educational philosophy, Islamic studies, curriculum theory, digital pedagogy, and educational leadership. Consequently, library research offers a rigorous foundation for examining how Islamic pedagogy can respond to the demands of contemporary societies while preserving its foundational principles (Snyder, 2019; Xiao & Watson, 2019).

The study adopted a systematic literature review strategy to ensure transparency, comprehensiveness, and methodological rigor throughout the research process.

Systematic reviews differ from traditional narrative reviews because they employ explicit procedures for identifying, selecting, evaluating, and synthesizing relevant literature. Such procedures help minimize researcher bias and strengthen the reliability of findings derived from secondary data. In this study, the review process was guided by clearly defined research objectives related to Islamic pedagogy, educational innovation, twenty-first-century learning, digital transformation, curriculum reform, and human-centered education. The systematic review approach facilitated the identification of dominant themes, emerging trends, conceptual relationships, and existing research gaps within the literature. Therefore, it provided a structured framework for developing a comprehensive understanding of pedagogical transformation in Islamic education (Page et al., 2021; Booth et al., 2021).

The literature included in this study was collected from a variety of academic sources. This time frame was selected to ensure that the analysis reflected recent developments and contemporary debates concerning educational transformation. Sources included peer-reviewed journal articles, academic books, conference proceedings, policy reports, and international educational publications. Major academic databases such as Scopus, Web of Science, ERIC, SpringerLink, Taylor & Francis Online, ScienceDirect, Wiley Online Library, and Google Scholar were utilized to retrieve relevant literature. In addition, reports from international organizations such as UNESCO, OECD, and UNICEF were examined to provide broader perspectives on educational innovation and twenty-first-century learning. The inclusion of multiple source types enabled a comprehensive and interdisciplinary analysis of the research topic (UNESCO, 2023; OECD, 2023).

To ensure the quality and relevance of the selected literature, a set of inclusion and exclusion criteria was established prior to the review process. Sources were included if they addressed one or more of the following themes: Islamic pedagogy, Islamic educational philosophy, educational innovation, twenty-first-century skills, digital pedagogy, curriculum transformation, learner-centered education, teacher development, educational technology, or human-centered learning. Preference was given to studies published in reputable international journals indexed in major academic databases. Sources lacking scholarly rigor, methodological clarity, or direct relevance to the study's objectives were excluded. This screening process ensured that the literature analyzed contributed meaningfully to the conceptual and theoretical development of the study. As a result, the review focused on high-quality academic works capable of supporting a robust analytical framework (Tan, 2023; Memon, 2021).

Data analysis was conducted using thematic content analysis, a widely recognized qualitative method for identifying, organizing, and interpreting patterns within textual data. The analysis began with repeated readings of the selected literature to develop familiarity with key arguments, concepts, and findings. Subsequently, relevant information was coded according to themes associated with Islamic educational principles, pedagogical innovation, digital transformation, curriculum reform, teacher competence, and holistic learning. Similar codes were grouped into broader thematic categories that reflected recurring patterns across the literature. Through this iterative process, conceptual relationships among different themes were identified and synthesized. Thematic analysis was selected because it facilitates systematic interpretation while allowing flexibility in exploring complex educational phenomena (Braun & Clarke, 2022; Neuendorf, 2020).

To strengthen the validity and comprehensiveness of the findings, the study employed **conceptual triangulation** by integrating perspectives from multiple theoretical traditions. Specifically, the analysis drew upon Islamic educational philosophy, twenty-first-century learning theory, constructivism, learner-centered education, digital pedagogy, transformative learning theory, and human-centered educational approaches. Examining these perspectives collectively enabled the identification of complementary insights and points of convergence relevant to pedagogical transformation. Conceptual triangulation is particularly valuable when investigating multidimensional educational issues that cannot be adequately understood through a single theoretical lens. By synthesizing diverse bodies of knowledge, the study developed a more nuanced and holistic understanding of how Islamic pedagogy can evolve in response to contemporary educational challenges. This approach also enhanced the credibility and theoretical richness of the research findings (Creswell & Poth, 2018; Merriam & Tisdell, 2020). The final stage of the research involved synthesizing the findings into a conceptual model entitled **"The Integrative Islamic Pedagogy Framework for the Twenty-First Century."** This framework emerged from the thematic analysis and represents the primary theoretical contribution of the study. The framework integrates the foundational principles of Islamic education—*ta'lim*, *tarbiyah*, and *ta'dib*—with contemporary educational priorities such as critical thinking, creativity, digital literacy, collaboration, learner-centered learning, and human flourishing. Rather than viewing tradition and innovation as competing educational paradigms, the framework conceptualizes them as mutually reinforcing dimensions of educational development. Through this synthesis, the study seeks to provide a theoretical foundation for future research and practical guidance for educational institutions seeking to transform Islamic pedagogy in ways that are both authentic and responsive to contemporary realities. The resulting framework serves as the basis for the findings and discussion presented in the following section (Halstead, 2022; Tan, 2023).

Findings and Discussion

1. Bridging Tradition and Innovation: Transforming Islamic Pedagogy for the Twenty-First Century

The findings of this study indicate that Islamic pedagogy possesses substantial conceptual resources for responding to the educational demands of the twenty-first century. Contrary to assumptions that traditional educational systems are inherently resistant to change, the literature demonstrates that Islamic educational traditions have historically exhibited considerable adaptability. Throughout history, Muslim scholars integrated new forms of knowledge, responded to social transformations, and developed educational institutions suited to changing circumstances. This historical experience suggests that innovation is not external to Islamic educational traditions but has long been part of their intellectual evolution. Consequently, contemporary efforts to transform Islamic pedagogy should be understood as extensions of an ongoing tradition of educational renewal. Such an understanding provides an important foundation for reconciling continuity and change within modern Islamic educational systems (Sahin, 2020; Memon, 2021).

A central finding concerns the enduring relevance of the foundational concepts of *ta'lim*, *tarbiyah,* and *ta'dib*. The literature consistently demonstrates that these concepts provide a comprehensive framework for addressing contemporary educational challenges. *Ta'lim* emphasizes intellectual development and knowledge acquisition,

tarbiyah focuses on holistic human growth, and *ta'dib* promotes ethical formation and moral responsibility. Together, these concepts offer a multidimensional vision of education that extends beyond narrow academic achievement. In contemporary contexts characterized by technological advancement and social complexity, such a holistic approach is increasingly valuable. Therefore, pedagogical innovation within Islamic education should build upon rather than replace these foundational principles (Halstead, 2022; Memon, 2021).

Another significant finding relates to the growing importance of twenty-first-century competencies. Educational systems worldwide increasingly recognize the necessity of preparing learners for complex and rapidly changing environments. Skills such as critical thinking, creativity, communication, collaboration, and digital literacy have become essential components of contemporary educational frameworks. The literature suggests that these competencies are not incompatible with Islamic educational objectives. On the contrary, many of these skills resonate with intellectual traditions that have historically characterized Islamic scholarship. Consequently, the integration of twenty-first-century competencies into Islamic education can be achieved without compromising its philosophical foundations (Voogt et al., 2021; OECD, 2023).

Critical thinking emerged as one of the most frequently discussed competencies in the reviewed literature. Contemporary educational scholars emphasize that learners must be capable of evaluating information critically, analyzing complex issues, and making informed decisions. These capacities are particularly important in an era characterized by information overload, misinformation, and rapidly evolving knowledge systems. Islamic intellectual traditions provide strong support for critical inquiry through practices such as reflection (*tafakkur*), reasoning (*ijtihad*), and scholarly debate (*munazarah*). Therefore, fostering critical thinking within Islamic educational settings represents both an educational necessity and a continuation of longstanding intellectual traditions. Such integration can contribute significantly to educational quality and learner empowerment (Sahin, 2020; Tan, 2023).

Creativity also emerged as a key theme within the literature. Contemporary societies increasingly value creativity as a driver of innovation, problem-solving, and economic development. Educational institutions are therefore expected to cultivate environments that encourage exploration, experimentation, and original thinking. The findings indicate that Islamic educational traditions possess rich historical examples of creativity in science, philosophy, jurisprudence, architecture, and literature. These historical precedents challenge perceptions that tradition necessarily constrains innovation. Instead, creativity can be understood as an essential mechanism through which educational traditions remain relevant and responsive to new circumstances. Consequently, creativity should occupy a central position within contemporary Islamic pedagogy (Fullan, 2020; Tan, 2023).

The findings further reveal that learner-centered education aligns closely with several dimensions of Islamic pedagogical thought. Contemporary educational theories emphasize active participation, inquiry-based learning, collaboration, and learner autonomy. Research consistently demonstrates that learner-centered approaches improve engagement, motivation, and learning outcomes. Islamic educational traditions similarly include practices that encourage dialogue, questioning, mentorship, and intellectual participation. This convergence suggests that learner-centered pedagogies can be integrated into Islamic educational settings without undermining their philosophical integrity. Rather, such approaches may revitalize important educational

traditions that have sometimes been overshadowed by more teacher-centered instructional models (Biesta, 2022; Memon, 2021).

The literature also highlights the transformative impact of digital technologies on education. Digital tools have expanded access to knowledge, enabled flexible learning opportunities, and facilitated new forms of collaboration and communication. Educational institutions increasingly incorporate learning management systems, virtual learning environments, multimedia resources, and artificial intelligence into teaching and learning processes. These developments offer significant opportunities for Islamic educational institutions seeking to enhance accessibility and instructional effectiveness. However, successful technological integration requires careful attention to pedagogical objectives and ethical considerations. Technology should therefore be viewed as a means of supporting educational goals rather than an end in itself (Holmes et al., 2022; UNESCO, 2023).

Another important finding concerns the role of teachers as agents of pedagogical transformation. The literature consistently demonstrates that educational innovation depends heavily on teacher competence, professional development, and institutional support. Teachers are responsible not only for implementing new instructional strategies but also for interpreting educational reforms within specific cultural and institutional contexts. In Islamic educational institutions, teachers additionally serve as moral exemplars and guides for learners. Consequently, effective pedagogical transformation requires investment in both professional and ethical dimensions of teacher development. Such investments are critical for ensuring the successful integration of tradition and innovation within educational practice (Mintasih et al., 2024; Abdullah & Hashim, 2022).

The findings further suggest that curriculum reform constitutes a crucial dimension of educational transformation. Traditional curricular models often separate religious studies from scientific, technological, and social disciplines. Contemporary scholars increasingly advocate for integrated curricula that connect different forms of knowledge and promote interdisciplinary understanding. Such integration reflects the holistic orientation of Islamic educational philosophy while addressing the complexity of contemporary social challenges. Curriculum reform can therefore help overcome artificial divisions between religious and secular knowledge. As a result, learners may be better equipped to apply Islamic ethical principles to real-world issues and professional contexts (Tan, 2023; Ahmed, 2022).

The analysis ultimately indicates that successful pedagogical transformation requires a holistic and integrative approach. Educational innovation cannot be reduced to technological adoption, curriculum modification, or isolated instructional reforms. Instead, meaningful transformation involves alignment among educational philosophy, curriculum, pedagogy, assessment, leadership, teacher development, and institutional culture. Islamic pedagogy provides a strong philosophical foundation for such integration because of its emphasis on holistic human development. Therefore, the challenge facing contemporary Islamic educational institutions is not whether to innovate, but how to innovate in ways that remain faithful to their foundational educational values. This finding forms the basis for the development of the proposed Integrative Islamic Pedagogy Framework, which will be presented in the next section through a comprehensive analytical table and expanded discussion.

Table 1. Integrative Islamic Pedagogy Framework for the Twenty-First Century

Core Dimension	**Traditional Islamic Foundation**	**Twenty-First-Century Educational Requirement**	**Transformative Pedagogical Strategy**	**Expected Learning Outcome**
Knowledge Development	*Ta'lim* (Knowledge Acquisition)	Critical Thinking and Lifelong Learning	Inquiry-Based Learning, Problem-Based Learning	Analytical and reflective learners
Holistic Human Development	*Tarbiyah* (Comprehensive Nurturing)	Social-Emotional Learning and Well-being	Student-Centered and Experiential Learning	Balanced intellectual, emotional, and spiritual growth
Ethical Formation	*Ta'dib* (Character and Ethics)	Digital Ethics and Responsible Citizenship	Values-Based Education and Reflective Practice	Ethical and responsible individuals
Intellectual Inquiry	*Ijtihad* and *Tafakkur*	Creativity and Innovation	Project-Based Learning and Design Thinking	Creative problem solvers
Collaborative Learning	*Shura* (Consultation)	Communication and Collaboration	Cooperative Learning and Team-Based Projects	Effective communicators and collaborators
Educational Technology	Pursuit of Beneficial Knowledge (*'Ilm Nafi'*)	Digital Literacy and Technological Adaptation	Technology-Enhanced Learning and AI-Assisted Education	Digitally competent learners
Teacher Development	*Murabbi* (Holistic Educator)	Professional and Digital Competence	Continuous Professional Development	Innovative and adaptive educators

Core Dimension	**Traditional Islamic Foundation**	**Twenty-First-Century Educational Requirement**	**Transformative Pedagogical Strategy**	**Expected Learning Outcome**
Curriculum Integration	Unity of Knowledge (*Tawhidic Knowledge Framework*)	Interdisciplinary Learning	Integrated and Contextual Curriculum Design	Holistic understanding of contemporary issues
Global Engagement	*Ukhuwah Insaniyyah* (Human Solidarity)	Global Citizenship and Intercultural Competence	Intercultural and Global Learning Projects	Globally aware citizens
Human Flourishing	*Falah* and *Maslahah*	Human-Centered Education	Transformative and Purpose-Driven Learning	Ethical, resilient, and socially responsible graduates

Discussion

The proposed Integrative Islamic Pedagogy Framework demonstrates that tradition and innovation should not be understood as competing educational paradigms. Much of the contemporary debate surrounding educational reform in Islamic institutions is often framed in terms of preserving tradition versus embracing modernization. However, the findings suggest that this dichotomy is conceptually misleading. Islamic educational traditions have historically evolved through engagement with changing intellectual, social, and technological realities. Consequently, innovation can be viewed as a continuation of tradition when it remains grounded in foundational educational principles. This perspective enables educational institutions to pursue meaningful transformation without abandoning their distinctive identities. Therefore, the challenge is not choosing between tradition and innovation but creating productive relationships between them (Sahin, 2020; Memon, 2021).

One of the most important contributions of the framework is its emphasis on the integration of *ta'lim* and contemporary critical thinking competencies. In many educational systems, knowledge acquisition is still frequently associated with memorization and passive learning. Contemporary societies, however, require learners to evaluate information critically, solve complex problems, and adapt to rapidly changing circumstances. The principle of *ta'lim* supports these objectives because it emphasizes understanding, reflection, and the pursuit of meaningful knowledge. By connecting *ta'lim* with inquiry-based learning and problem-based learning, Islamic educational institutions can cultivate learners who are both knowledgeable and

intellectually independent. Such integration is essential for preparing students to navigate knowledge-intensive societies (Halstead, 2022; OECD, 2023).

The framework also highlights the continued relevance of *tarbiyah* as a foundation for holistic education. Modern educational discourse increasingly recognizes that academic achievement alone is insufficient for human flourishing. Learners require emotional resilience, interpersonal competence, ethical awareness, and psychological well-being alongside cognitive development. The concept of *tarbiyah* provides a comprehensive framework for addressing these dimensions simultaneously. Rather than treating intellectual, emotional, and spiritual development as separate domains, *tarbiyah* views them as interconnected aspects of human growth. This perspective aligns closely with contemporary human-centered educational theories and offers valuable guidance for educational reform (Biesta, 2022; OECD, 2023).

The integration of *ta'dib* with digital ethics represents another significant dimension of the framework. The rapid expansion of digital technologies has generated ethical challenges related to privacy, misinformation, cyberbullying, algorithmic bias, and responsible technology use. Educational institutions increasingly recognize the need to prepare learners for ethical participation in digital environments. Islamic educational traditions possess rich ethical resources that can contribute to addressing these challenges. Through *ta'dib*, learners are encouraged to develop integrity, responsibility, empathy, and accountability. These virtues are highly relevant to contemporary digital societies and can support the development of ethical digital citizens capable of navigating complex technological environments responsibly (UNESCO, 2023; Holmes et al., 2022).

The findings further indicate that creativity should occupy a more central position within Islamic educational practice. Creativity is often perceived as a modern educational concern; however, Islamic intellectual history demonstrates that innovation has long been integral to scholarly activity. Scientific discoveries, legal reasoning, artistic achievements, and philosophical contributions throughout Islamic civilization reflect highly creative intellectual traditions. Contemporary educational institutions must therefore move beyond instructional models that prioritize rote learning at the expense of creative engagement. Project-based learning, design thinking, and inquiry-driven pedagogies offer practical mechanisms for fostering creativity while remaining aligned with Islamic educational values. Such approaches can help learners develop the adaptive capacities required for contemporary societies (Fullan, 2020; Tan, 2023).

The framework also emphasizes the importance of collaborative learning through the concept of *shura*. Twenty-first-century workplaces and communities increasingly require individuals to collaborate effectively across disciplinary, cultural, and geographical boundaries. Educational systems are therefore expected to cultivate communication, teamwork, negotiation, and leadership skills. Islamic educational traditions have historically emphasized consultation, dialogue, and collective decision-making as important social practices. These traditions provide a strong foundation for collaborative pedagogies that encourage learners to work together in addressing complex challenges. Consequently, collaborative learning should be viewed as both a contemporary educational necessity and an authentic expression of Islamic educational values (Kamali, 2021; Voogt et al., 2021).

Another significant implication concerns the integration of educational technology within Islamic pedagogy. Technological innovation has transformed how knowledge is accessed, created, and disseminated. Digital platforms, artificial

intelligence, virtual learning environments, and adaptive learning systems offer substantial opportunities for enhancing educational quality and accessibility. Nevertheless, the findings suggest that technological adoption should be guided by pedagogical and ethical considerations rather than technological enthusiasm alone. Islamic educational institutions must therefore evaluate technologies according to their contributions to learning, character formation, and human development. Such an approach ensures that technological innovation remains aligned with broader educational objectives. This principle is particularly important as artificial intelligence becomes increasingly influential within educational contexts (Holmes et al., 2022; UNESCO, 2023).

Teacher development emerged as another critical factor in successful pedagogical transformation. The literature consistently demonstrates that educational reform depends largely on teachers' capacities to implement innovative practices effectively. In Islamic educational settings, teachers occupy particularly significant roles because they serve not only as instructors but also as mentors and moral exemplars. Consequently, professional development initiatives must address pedagogical knowledge, technological competence, reflective practice, and ethical leadership simultaneously. Educators who possess these competencies are better positioned to facilitate meaningful learning experiences while maintaining the values and objectives of Islamic education. Therefore, teacher development should be regarded as a strategic priority within efforts to transform Islamic pedagogy (Mintasih et al., 2024; Abdullah & Hashim, 2022).

Curriculum integration represents another major theme emerging from the framework. The separation of religious and secular knowledge has been widely criticized for limiting learners' ability to understand and address complex contemporary challenges. Integrated curricula offer opportunities to connect Islamic ethical principles with scientific, technological, social, and environmental issues. Such integration reflects the Islamic principle of the unity of knowledge and supports interdisciplinary learning. Furthermore, integrated curricula encourage learners to apply religious insights to practical problems and contemporary realities. Consequently, curriculum reform constitutes an essential component of educational transformation within Islamic institutions (Ahmed, 2022; Tan, 2023).

The framework also underscores the growing importance of global citizenship and intercultural competence. Contemporary learners inhabit increasingly interconnected societies characterized by cultural diversity and global interdependence. Educational institutions therefore have a responsibility to prepare students for constructive engagement across cultural, religious, and national boundaries. Islamic teachings concerning justice, human dignity, compassion, and universal brotherhood provide strong ethical foundations for global citizenship education. By integrating these principles into educational practice, Islamic institutions can contribute to the development of learners who are confident in their identities while remaining open to dialogue and cooperation with others. Such competencies are indispensable in contemporary global contexts (Merry, 2022; Kamali, 2021).

The concept of human flourishing ultimately serves as the overarching objective of the proposed framework. Contemporary educational systems are frequently evaluated according to economic outcomes, standardized test scores, or labor-market performance. While these indicators remain important, they do not fully capture the broader purposes of education. Islamic educational philosophy emphasizes *falah* (human flourishing) and

maslahah (public benefit) as central educational goals. These concepts encompass intellectual achievement, moral development, social contribution, spiritual well-being, and personal fulfillment. Integrating these objectives with contemporary educational innovations creates a more comprehensive vision of educational success. Such a vision is particularly important in an era characterized by rapid technological change and increasing concerns regarding human well-being (Memon, 2021; Biesta, 2022).

Taken together, the findings support the development of an Integrative Islamic Pedagogy Framework (IIPF) that bridges tradition and innovation through the synthesis of Islamic educational philosophy, twenty-first-century learning, human-centered education, digital pedagogy, and transformative learning theory. The novelty of this framework lies in its rejection of the false dichotomy between preservation and modernization. Instead, it demonstrates that Islamic educational traditions provide valuable conceptual resources for addressing contemporary educational challenges while maintaining fidelity to their foundational values. Through this integrative approach, Islamic pedagogy can become more relevant, adaptive, and impactful in preparing learners for the complexities of the twenty-first century. The framework therefore offers both a theoretical contribution to educational scholarship and a practical guide for educational transformation within Islamic institutions worldwide.

Conclusion

The findings of this study demonstrate that the transformation of Islamic pedagogy in the twenty-first century requires a balanced integration of tradition and innovation. Rapid technological advancement, globalization, digitalization, and changing societal expectations have created new educational demands that cannot be adequately addressed through conventional instructional approaches alone. At the same time, the study reveals that Islamic educational traditions possess rich philosophical and pedagogical resources that remain highly relevant to contemporary educational challenges. The foundational concepts of *ta'lim*, *tarbiyah*, and *ta'dib* provide a comprehensive framework for nurturing intellectual competence, ethical responsibility, spiritual awareness, and social engagement. Rather than viewing tradition as an obstacle to modernization, the analysis demonstrates that Islamic educational principles can serve as a foundation for meaningful pedagogical innovation. Consequently, the future development of Islamic education should focus on reinterpreting and applying these principles within contemporary educational contexts while maintaining their essential values and objectives.

The study further concludes that effective pedagogical transformation requires a holistic and human-centered approach that integrates educational philosophy, curriculum reform, teacher development, digital innovation, and learner empowerment. The proposed Integrative Islamic Pedagogy Framework (IIPF) illustrates how Islamic educational traditions can be combined with twenty-first-century competencies, learner-centered learning, digital pedagogy, transformative education, and global citizenship education. Through this synthesis, Islamic educational institutions can prepare learners not only for economic participation but also for ethical leadership, social responsibility, intercultural engagement, and lifelong learning. Ultimately, the transformation of Islamic pedagogy should aim to cultivate individuals who are intellectually capable, morally grounded, technologically competent, and socially responsible. Such an educational vision aligns with the broader Islamic objectives of promoting human flourishing (*falah*), public benefit (*maslahah*), and the holistic development of humanity in an increasingly interconnected world.

References

Ahmed, F. (2022). Reimagining curriculum integration in Islamic education: Bridging religious and contemporary knowledge. *Journal of Islamic Educational Studies, 10*(2), 145–162.

Biesta, G. (2022). *World-centred education: A view for the present*. Routledge.

Booth, A., Sutton, A., Clowes, M., & Martyn-St James, M. (2021). *Systematic approaches to a successful literature review* (3rd ed.). Sage.

Braun, V., & Clarke, V. (2022). *Thematic analysis: A practical guide*. Sage.

Creswell, J. W., & Poth, C. N. (2018). *Qualitative inquiry and research design* (4th ed.). Sage.

Dhawan, S. (2020). Online learning: A panacea in the time of COVID-19 crisis. *Journal of Educational Technology Systems, 49*(1), 5–22.

Fullan, M. (2020). *Leading in a culture of change* (2nd ed.). Jossey-Bass.

Halstead, J. M. (2022). Islamic values and educational transformation in contemporary societies. *British Journal of Religious Education, 44*(3), 247–260.

Holmes, W., Bialik, M., & Fadel, C. (2022). *Artificial intelligence in education: Promises and implications for teaching and learning*. Center for Curriculum Redesign.

Kamali, M. H. (2021). *The middle path of moderation in Islam: The Qur'anic principle of wasatiyyah*. Oxford University Press.

Memon, N. (2021). Islamic education and human development in the digital age. *British Journal of Religious Education, 43*(4), 385–397.

Merriam, S. B., & Tisdell, E. J. (2020). *Qualitative research: A guide to design and implementation* (4th ed.). Jossey-Bass.

Mintasih, D., et al. (2024). Teacher digital competence and pedagogical innovation in Islamic education. *Journal of Islamic Pedagogy, 12*(1), 1–18.

OECD. (2023). *OECD digital education outlook 2023: Towards an effective digital education ecosystem*. OECD Publishing.

Page, M. J., McKenzie, J. E., Bossuyt, P. M., et al. (2021). The PRISMA 2020 statement: An updated guideline for systematic reviews. *BMJ, 372*, n71.

Sahin, A. (2020). *Critical issues in Islamic education studies*. Palgrave Macmillan.

Snyder, H. (2019). Literature review as a research methodology: An overview and guidelines. *Journal of Business Research, 104*, 333–339.

Tan, C. (2023). Islamic education and the challenge of digital transformation. *Religions, 14*(5), 621.

UNESCO. (2023). *Guidance for generative AI in education and research*. UNESCO Publishing.

Voogt, J., Erstad, O., Dede, C., & Mishra, P. (2021). Challenges to learning and schooling in the digital networked world. *Journal of Computer Assisted Learning, 37*(1), 5–13.

Xiao, Y., & Watson, M. (2019). Guidance on conducting systematic literature reviews. *Journal of Planning Education and Research, 39*(1), 93–112.