

From Knowledge to Wisdom: Education, Identity, and Curriculum in Shaping Life Today

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ABSTRACT

Education in the 21st century is experiencing a steady and continuous shift. Learning is no longer confined to classrooms or outdated traditions; instead, it is shaped by technology, globalization, and the demands of modern society. Today, education is less about memorizing facts and more about helping students grow into adaptable, emotionally intelligent, and globally conscious individuals. As an educator, I have seen how digital tools, when used thoughtfully, can inspire creativity and make learning more inclusive. Yet, while technologies like artificial intelligence offer enormous potential, they also raise serious ethical concerns. This means we must prepare students not only to use these tools but also to think critically and act responsibly. The teacher's role has also transformed. We are no longer simply transmitters of information but mentors and guides who help students navigate complexity. Emotional resilience, ethical awareness, and cultural sensitivity are now central to the learning process, not optional extras. Education today must go beyond preparing students for jobs. It should equip them with the mindset and skills needed to manage uncertainty and contribute meaningfully to their communities. In a rapidly changing world, schools and universities must serve as both a compass and a foundation, supporting personal growth and collective progress. This article, taking a descriptive approach, explores education from multiple perspectives, including curriculum, identity, technology, and the roles of teachers, students, and families. It also reflects on the strengths and weaknesses of past and present approaches, highlighting insights from well-known scholars to better understand the challenges and possibilities of modern education.

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A Theoretical and Analytical Perspectives: Education Beyond Knowledge and Technology

This manuscript can be expanded through several innovative theoretical and analytical perspectives that move beyond descriptive accounts of educational change toward a more integrated philosophy of learning, identity, and technology. One novel contribution lies in framing the transition “from knowledge to wisdom” through ecological systems theory, viewing education as an ecosystem in which cognitive, emotional, and ethical growth are interdependent. This framework situates learning not merely within institutions but within interconnected networks of family, community, and digital environments, each influencing how wisdom, rather than information, is cultivated. A second theoretical innovation involves applying critical post-humanism to curriculum studies. This lens challenges the anthropocentric assumption that knowledge originates solely from human experience, instead exploring how artificial intelligence and algorithmic systems co-produce knowledge and reshape identity. Rather than opposing human and machine intelligence, this perspective envisions a “symbiotic curriculum” in which ethical, creative, and technological capacities evolve together. Furthermore, an identity-as-process model, which is inspired by sociocultural and narrative learning theories, can deepen understanding of how students construct meaning in fluid, digital contexts. Here, identity is not a fixed outcome of education but an evolving narrative shaped by reflection, agency, and participation in global knowledge communities. Critically, this synthesis advances education from a technocratic reform discourse toward an ethic of wisdom that values discernment, empathy, and collective well-being as educational outcomes. By combining ecological, posthuman, and narrative frameworks, the study contributes an original model: the wisdom-oriented curriculum. This model redefines educational success not as the mastery of knowledge but as the capacity to act wisely within complex social, cultural, and technological ecosystems, a transformative vision aligning education with the moral and existential demands of our era.

Education has always played a vital role in shaping us and the societies we live in. For much of history, it served as a means of passing down knowledge, instilling cultural values, and reinforcing a shared sense of national identity. But in today’s world – marked by fast-paced technological change, shifting economies, and evolving cultural landscapes – what we expect from education has changed dramatically. Our students longer just about memorize facts or master traditional subjects. Instead, learners are now expected to develop skills like adaptability, creativity, emotional intelligence, and a deeper awareness of the world around them (Robinson, 2011). In this article we take a closer look at how both the philosophy and practice of education are evolving in response to these new realities. We pay particular attention to the complex connections between life, identity, and curriculum, offering a broad yet thoughtful framework for understanding the many ways education functions in our increasingly

interconnected and digital age. To this end, we try to work in this article based on the following questions and discuss them.

- What are the differences between the past and present curriculum?
- In what ways education has been influenced by new technologies?
- What are the roles of the parents, teachers, communities about the education and curriculum in the modern era?
- In what ways our identity and culture are affected and shaped by technology and new trends in education?

Statement of The Problem and Purpose of the Study

The aim of the article is to see the role of the education in modern times. As we know, we are surrounded by different types of issues and challenges in our educational system, whether in schools or universities. As teachers and educators, we need to have a broader view on the education and approach it very carefully in order to tackle problems and pitfalls. We are witnessing the rapid growth of artificial intelligence, automation, and digital networks has transformed not just how we work, but also how we learn and engage with information. Traditional career paths are becoming less linear and more uncertain, as new roles emerge and others fade into obsolescence. In response, education can no longer focus solely on technical skills. Instead, it must help “students develop broader, more adaptable abilities, such as cognitive flexibility, digital literacy, creativity, and the capacity to solve complex problems, skills that are in demand across virtually every field” (Dede, 2010). Within this evolving landscape, conventional measures like rote memorization and standardized tests are proving increasingly inadequate. Today’s classrooms are shifting toward more active, student-centered methods that promote inquiry, cross-disciplinary thinking, and collaboration. Techniques like project-based learning, open-ended problem solving, and creative exploration are becoming central features of instruction. These approaches not only align with the realities of a rapidly changing job market, but also encourage lifelong curiosity, adaptability, and resilience – qualities essential for personal and professional growth in an unpredictable world.

Significance of the Study

This article is significant and have applicable implication in modern era in education. As teachers and students, we need not only to grow intellectually but also to develop emotional intelligence, which has become a crucial focus of education in the 21st century. In a world that is more connected and culturally diverse than ever, being able to understand and manage one’s emotions, relate to others with empathy, and communicate effectively is just as important as academic success (Goleman, 1995). Schools and universities are increasingly incorporating Social and Emotional Learning (SEL) into their curricula to nurture these vital skills. Through Social and Emotional Learning, students are encouraged to build self-awareness, make

thoughtful and responsible decisions, and engage with peers in meaningful and respectful ways. Research consistently shows that students involved in Social and Emotional Learning programs tend to perform better academically, behave more positively, and report greater emotional well-being. With such evidence, emotional intelligence is no longer seen as a ‘nice-to-have’ extra. It’s now recognized as a core element of a well-rounded education – one that equips learners to navigate not only their personal relationships but also the broader social and ethical challenges of today’s complex world.

In today’s globalized world, our understanding of identity is no longer shaped solely by national borders or local traditions. As societies become more interconnected, cultural awareness and a sense of global responsibility have become essential elements of education. [Zohrabi and Khalili \(2024\)](#) contend that preparing students for life in the 21st century means equipping them not just to be informed citizens of their own countries, but active and thoughtful participants in a shared global community. This involves encouraging ethical thinking, environmental responsibility, and a genuine appreciation for cultural diversity. In educational programs that prioritize global citizenship we need to invite our students to critically engage with pressing global issues, such as inequality, climate change, human rights, and migration. Through multicultural education, language learning, and opportunities like international exchange programs, students gain exposure to different perspectives and ways of life. These experiences foster empathy, deepen intercultural understanding, and help learners develop the skills needed to navigate both the workplace and civic life in an increasingly diverse and interconnected world. More than ever, cultivating these traits is central to forming a more inclusive, reflective, and ethically grounded worldview.

We know that the digital age has dramatically widened access to information and transformed how teaching and learning take place. With tools like learning management systems, virtual classrooms, and adaptive learning platforms, “students today can engage in more personalized, flexible, and interactive educational experiences” ([Dede, 2010, 65](#)). These technologies offer educators new ways to adapt lessons to individual needs, track student progress in real time, and respond to diverse learning styles. That said, incorporating digital tools into the classroom isn’t just about keeping up with trends, it requires thoughtful consideration. While technology can certainly enhance engagement and streamline instruction, it can’t replace the deeply human elements of education: the relationships, the emotional support, and the social interactions that shape meaningful learning. The role of the teacher remains as vital as ever, not only as a provider of knowledge, but as a mentor and guide who helps students grow both intellectually and personally. Ultimately, the use of technology in education should be driven by clear pedagogical intentions. It’s not about using digital tools for their novelty, but about ensuring they serve real, human-centered goals. A well-balanced

approach allows innovation to enrich the learning experience without overshadowing the core values of education itself.

In today's rapidly changing world, lifelong learning isn't just a bonus, it's essential. "As careers become less linear and more unpredictable, people need to keep learning, adapting, and growing to stay relevant" (Zhao, 2012, 91). This shift challenges traditional education models, pushing schools to focus less on content delivery and more on developing self-directed, resilient learners who can manage their own growth. To support this, many institutions are rethinking their approach. They're forging closer ties with the workforce through industry partnerships, mentoring, and hands-on experiences like internships, apprenticeships, and community service. These opportunities let students apply what they've learned in real contexts, helping them connect academic theory with practical skills. More importantly, this shift reflects a deeper change in mindset: education shouldn't stop at graduation. Instead, it should lay the foundation for lifelong personal and professional development. By blending classroom learning with real-world application, education becomes a continuous, meaningful journey, not a one-time achievement.

The educational system of the world evolves; in this way the role of the teachers evolves too. Today's educators are no longer just conveyors of knowledge, they are facilitators, designers of meaningful learning experiences, and mentors who nurture both the minds and hearts of their students. To meet these demands, teachers must continually grow, professionally and personally. Skills like differentiated instruction, digital fluency, trauma-informed teaching, and social-emotional support are now essential in responding to the diverse needs of learners. Collaborative tools such as professional learning communities, peer mentoring, and joint planning help teachers stay connected, reflective, and adaptive (Goleman, 1995). Investing in teacher development isn't a side effort, it's central to building responsive, inclusive, and future-ready educational systems (Zohrabi & Paydar, 2025). Education in the 21st century must be more than a path to employment. It should help students grow into thoughtful, resilient, and responsible individuals, equipped to lead meaningful lives and contribute to society. This requires embedding emotional intelligence, critical thinking, global awareness, and lifelong learning into the heart of the curriculum (Robinson, 2011). At its core, education is a transformative force. It shapes not just what we know, but who we become, how we relate to others, and the kind of world we strive to build. Recognizing this, educators, institutions, and policymakers must work together to create inclusive, student-centered learning environments grounded in equity, compassion, and a shared vision for a more fair and sustainable future.

From Knowledge to Wisdom

The transition from knowledge to wisdom signifies far more than the simple accumulation of information. It embodies a profound transformation in how professors and students interpret, integrate, and apply what they know. In today's world, where technology mediates nearly every

aspect of learning, this shift has become both more complex and more vital. For instance, while artificial intelligence and digital learning platforms grant students instant access to vast oceans of data, they cannot, on their own, cultivate discernment. True wisdom begins when learners question the credibility of sources, reflect on the social and ethical dimensions of the information, and thoughtfully apply insights to real-life contexts. I have observed, for example, that students who use AI tools to analyze data, develop deeper understanding when they also explore philosophical questions about humanity's responsibility toward the education. Educational institutions are gradually responding to this need through interdisciplinary curricula that merge science, ethics, and the humanities. Programs that combine environmental science with moral philosophy or data analytics with sociology help students perceive the interconnectedness of human knowledge. This approach nurtures empathy, ethical judgment, and the ability to act wisely in uncertain circumstances. Wisdom, therefore, represents the delicate alignment of intellectual comprehension with moral insight and purposeful, compassionate action. Ultimately, education must move beyond equipping students with facts toward cultivating reflective spaces where learning becomes transformative. Wisdom should not merely be an academic outcome but a guiding principle that shapes personal and collective growth. When knowledge evolves into wisdom, understanding gains its deepest value. It becomes a force for responsible decision-making and meaningful contribution to the broader human community. Such an education prepares learners not just to succeed but to serve, creating a culture where insight leads to integrity and action to understanding.

Constructivism and the Pursuit of Wisdom

Constructivism, at its core, is a philosophical and psychological theory of learning that views knowledge as something actively constructed rather than passively received. It challenges the notion of objective truth by emphasizing the learner's interpretive role in shaping understanding through experience and reflection. Jean Piaget's cognitive constructivism situates learning within individual development, suggesting that knowledge emerges as learners adapt to their environments through processes of assimilation and accommodation. In contrast, Lev Vygotsky's sociocultural constructivism locates learning within the fabric of human interaction, where meaning is co-constructed through language, culture, and shared activity. Philosophically, both perspectives stem from epistemological traditions that question the dualism between subject and object, asserting that knowledge is relational and dynamic. Yet, constructivism also raises critical questions: if knowledge is personally or socially constructed, where does wisdom, understood as the ethical and reflective application of knowledge, reside? The constructivist view invites us to see learning as a journey of becoming, where identity and understanding evolve together. However, critics argue that it risks relativism, blurring distinctions between truth and belief. Ultimately, constructivism's enduring power lies in its

humanistic insight, that education is not merely the transmission of facts, but the cultivation of thoughtful, self-aware individuals engaged in making meaning of the world.

The Form and Shape of Curriculum: Toward a Dynamic, Learner-Centered Paradigm

In recent decades, our understanding of curriculum – its goals, structure, and delivery – has evolved significantly. Driven by shifts in pedagogy, rapid technological growth, and the demands of global citizenship, today’s curriculum is about much more than just transferring knowledge. It’s about equipping students with the skills, values, and mindsets they need to navigate an unpredictable, interconnected world. Modern education leans toward learner-centered approaches that emphasize critical thinking, creativity, collaboration, and adaptability. This reflects a growing awareness that schools must prepare students not only for academic success but for the real-life challenges they’ll face beyond the classroom. Across the globe, educational institutions are reimagining how curriculum works in practice. This discussion draws on diverse examples to show how schools are adopting flexible, inclusive models that reflect the realities of today’s learners. It also offers practical strategies for designing curricula that empower students and keep education relevant in a rapidly changing world.

Our curriculum today can’t be seen as a rigid plan that revolves only around subject matter or standardized tests (Zohrabi & Nasirfam, 2024). With the rapid changes in technology, society, and the economy, education needs to keep evolving. Michael Fullan (2013, 32) points out that “the important question isn’t just *what* students learn anymore, but *how* and *why* they learn it”. A modern curriculum should prepare students not only to take in information but also to use it effectively in real-life, often complicated situations. This means moving away from teaching that’s just about delivering content, toward learning experiences that focus on students and their active involvement.

Today’s curriculum is shaped by a few key qualities that work together: it’s flexible, crosses different subject areas, stays relevant to the world students live in, and adapts to individual learners. This marks a clear shift away from old-school methods that focused mainly on memorizing facts and standardized testing (Khalili, et al, 2025). Instead, the focus now is on skills and abilities that truly prepare students for life today.

Modern curricula increasingly revolve around students’ interests, identities, and how they best connect with the material. This means giving students a real voice and choice in their learning, making the content meaningful to their own contexts. Take Finland as an example, there, schools and teachers enjoy a lot of freedom to create learning experiences that fit their students’ unique needs. Instead of sticking strictly to a national syllabus, Finnish educators treat the curriculum as a flexible guide that encourages hands-on projects and inquiry-based learning. Sahlberg (2011, 95) believes that “this approach helps students take ownership of their education and dive deeper into their studies.”

Competency-Based Education is a significant shift in how we think about learning. Instead of tracking progress by how much time students spend in the classroom or relying mainly on standardized tests, Competency-Based Education puts the spotlight on whether students have truly mastered certain skills and knowledge. For example, in New Hampshire, the Performance Assessment of Competency Education program gives students the chance to show what they've learned by completing real-world projects, like creating a marketing plan or carrying out a scientific study that matters to their own community. This approach makes sure students move forward only after they've fully understood the material and can put it into practice.

The major issues we face today – like climate change, global inequality, and questions around digital ethics – don't fit neatly into just one subject area. Because of this, effective curricula are increasingly blending different disciplines to help students see the bigger picture and tackle complex problems. A great example is the International Baccalaureate program, which uses broad themes such as 'Sharing the Planet' and 'How the World Works.' These themes bring together science, humanities, and social responsibility, encouraging students to think deeply and ethically across multiple fields.

Curriculum in Action: Examples from Around the World

In Singapore, the Ministry of Education has rolled out Applied Learning Programs that focus on hands-on, cross-disciplinary experiences. For instance, secondary students might work on creating sustainable urban farming systems – a project that brings together biology, environmental science, engineering, and social entrepreneurship. By linking what happens in the classroom to real-life challenges, these projects make learning more meaningful and boost students' enthusiasm.

Estonia, known globally for its advanced digital governance, has woven digital skills into education from an early age. Starting in the first grades, students learn coding, how to be responsible digital citizens, and effective online research techniques. The use of e-assessment tools gives immediate feedback, encouraging students to take charge of their own learning while helping teachers tailor support where it's needed most. This approach not only equips students for careers in tech but also builds their ability to navigate the digital world thoughtfully and confidently.

In Ontario, the school curriculum places a strong emphasis on social-emotional learning and mental health. Students take part in intentional activities aimed at strengthening resilience, empathy, and self-awareness – everything from mindfulness exercises to storytelling groups and reflective journaling. These practices are woven into everyday lessons, highlighting how important emotional intelligence is for both academic success and personal growth.

While modern curriculum reforms offer exciting possibilities, there are still some important challenges to address. A major one is making sure teachers are fully prepared. Many educators are still getting used to new teaching approaches that call for skills in guiding students, using

digital tools confidently, and tailoring lessons to meet diverse learning needs. Without ongoing professional development and support, it's hard to bring the full benefits of learner-centered education to life (Zohrabi & Khalili, 2023).

We need to keep in our mind that equity continues to be a major concern. Access to essential resources – like technology, enriched learning spaces, and personalized support – can differ greatly both between and within countries. When designing curricula that emphasize flexibility and personalization, it's crucial to focus on narrowing these opportunity gaps rather than unintentionally making them wider.

At the same time, rethinking how we assess students is still a work in progress. Traditional standardized tests often miss the full range of skills and abilities that modern curricula aim to develop. Finding fair, reliable, and practical alternatives that truly reflect these broader learning goals remains a significant challenge for educators and policymakers.

As the world around us changes, our approach to curriculum needs to keep pace. A curriculum for the 21st century should be flexible, inclusive, and closely connected to the real experiences of learners. It should thoughtfully incorporate technology, encourage learning across different subjects, and help students build the skills they'll need in their personal lives, communities, and careers. Creating this kind of curriculum isn't something educators can do alone. Policymakers, school leaders, families, and students all have a role to play in shaping learning environments that reflect common values and shared hopes for the future. Investing in this kind of change isn't just about better grades; it's about raising resilient, ethical individuals who are ready to make a positive difference in the world (Ajideh et al., 2024).

The Transformative Role of Technology and Artificial Intelligence in Curriculum Development

We see that the arrival of technology and artificial intelligence (AI) in education has sparked a major shift in how curricula are designed, delivered, and evaluated. In the past, curricula were often rigid and teacher-centered, relying heavily on set knowledge and standardized methods. Nowadays, educational frameworks are moving toward more flexible, student-focused approaches that make dynamic use of digital tools. This change goes beyond just technology; it reflects a deeper rethink of what education means and aims to achieve in today's world.

In the past, curricula were largely shaped to meet the needs of an industrial-era society, focusing on standardization, uniformity, and efficiency. These systems emphasized memorization and direct teaching, with teachers acting as the main source of knowledge and students mostly taking a passive role. As Tyler (1949) described, curricula followed a straightforward, step-by-step structure, with clear goals, content, teaching methods, and assessments. This approach left little room for individual creativity or adapting to different learning styles. During the 19th and early 20th centuries, especially in places like Britain and the United States, "education was mainly about preparing students for predictable jobs in

manufacturing, administration, or clerical roles” (Labaree, 2010, 95). The focus was on basic skills like reading, writing, arithmetic, and moral lessons, all delivered in a very standardized way. Technology was limited to chalkboards, printed textbooks, and the occasional use of simple audio-visual tools. This system was built on the assumption that knowledge was universal and learners were fairly similar. While this approach suited the economic and social demands of that era, it has faced growing criticism for its shortcomings. It often overlooked the varied intellectual, cultural, and emotional needs of students. More importantly, it did not foster key 21st-century skills such as critical thinking, creativity, teamwork, and digital literacy, leaving many students unprepared for today’s complex world.

As teachers we observe that the landscape of education is undergoing significant change due to digital technology and rapid advancements in artificial intelligence (AI). Schools and universities worldwide are increasingly adopting smart systems to personalize learning experiences, offering real-time feedback and adaptive content. Intelligent tutoring systems and learning analytics play a crucial role in helping teachers understand and cater to each student’s unique needs. Countries like Finland and South Korea lead the way in incorporating digital skills and AI literacy into their curricula, promoting interdisciplinary inquiry. Platforms such as Khan Academy and Google Classroom leverage AI to recommend personalized learning paths based on student performance, encouraging independence and mastery.

However, the integration of AI in education also raises important ethical and practical concerns. Issues such as data privacy, algorithmic bias, unequal access to technology, and the potential loss of the human element in education are increasingly debated among scholars and policymakers. Without careful planning and ethical considerations, AI could exacerbate existing inequalities and restrict learning to what machines can easily assess.

Here we explore how AI is transforming curriculum development, comparing modern approaches with traditional methods to underscore both the opportunities and challenges involved. Thoughtful integration and collaboration are essential to ensure that AI enhances education while upholding core values.

In the late 20th and early 21st centuries we have witnessed a digital revolution that has profoundly transformed education worldwide. Innovations such as computers, the internet, smartphones, and, more recently, artificial intelligence (AI) have reshaped how curricula are developed, taught, and assessed. These technologies do more than deliver information; they enable teachers to make data-driven decisions, create personalized learning experiences, and provide instant feedback, essential elements of modern education. Among these advancements, AI is particularly noteworthy. It has revolutionized curriculum development by allowing for tailored educational experiences that traditional methods couldn't achieve. AI-powered tools, like intelligent tutoring programs such as Carnegie Learning and adaptive platforms like

DreamBox Learning, can adjust lessons in real-time based on student performance, offering unprecedented personalization (Luckin et al., 2016).

AI's flexibility allows us to design learning experiences that align with students' academic needs and personal interests. For instance, language apps like Duolingo utilize machine learning to customize lesson pacing and content according to user progress, delivering immediate feedback that enhances retention and motivation. This shift represents a move away from static, standardized curricula toward more dynamic, learner-centered pathways that adapt to students' behaviors and achievements, fostering a more engaging educational experience.

The increasing integration of AI in education reflects a broader shift toward learning models that prioritize active engagement, social interaction, and real-world relevance. Constructivist and socio-cultural approaches encourage students to collaborate and build knowledge collectively, supported by today's digital tools. Interactive platforms rich in multimedia and opportunities for student-led exploration are enhancing learner engagement and comprehension.

AI enhances these experiences with features like natural language processing for conversational interactions, predictive analytics to forecast learning outcomes, and intelligent content creation that adapts lessons in real-time. For instance, AI-driven platforms such as Khan Academy customize learning paths in subjects like math by analyzing student performance and recommending specific topics and exercises that balance challenge and support. Similarly, learning management systems like Canvas and Moodle now offer AI-powered dashboards that help teachers monitor student progress, allowing for early intervention when difficulties arise.

These advancements are steering education toward competency-based models, where advancement is based on skill mastery rather than time spent in class. This approach is particularly beneficial for adult learners, students with disabilities, and those in remote or underserved areas. Ultimately, AI not only enhances teaching efficiency but also promotes inclusivity and equity, vital principles in contemporary education.

Today's AI-enhanced curricula prioritize interdisciplinary learning, breaking away from traditional education models that often isolate subjects. By leveraging artificial intelligence, teachers can integrate content from various fields, allowing students to tackle pressing global issues such as climate change, public health crises, and the ethical dilemmas posed by emerging technologies. This holistic approach fosters a deeper understanding of how these challenges are interconnected in real life.

Project-based learning has particularly thrived with the support of AI. In project-based learning, students engage in open-ended, inquiry-driven projects that promote critical thinking and teamwork. AI enhances this method by providing simulations of real-world scenarios that would be too costly or complex to recreate in a typical classroom. For example, AI-powered virtual labs enable "students to perform experiments involving hazardous materials or

expensive equipment safely” (Woolf, 2010, 10). These immersive experiences bridge the gap between theory and practical skills.

Additionally, the emphasis on essential 21st-century skills – such as digital literacy, creativity, critical thinking, collaboration, and emotional intelligence – has gained momentum through adaptive technologies rather than traditional textbooks (Zohrabi & Dehghani, 2024). AI fosters dynamic, student-centered learning environments by facilitating group projects with automated peer reviews and immediate feedback. Tools like natural language processing and communication analytics help track participation and encourage inclusive dialogue, nurturing both academic and social-emotional skills essential for modern education.

While AI offers exciting possibilities for curriculum development, it also brings with it some serious challenges and ethical questions. One of the biggest concerns is data privacy. AI tools often depend on gathering and analyzing large amounts of information about students to work well. But this data-driven approach raises important issues around informed consent, who owns the data, and the risk of constant monitoring. Without strong safeguards, students might unknowingly give up control over their personal information. Another key challenge lies in the algorithms behind AI systems. These algorithms are only as fair as the data they learn from. If the data doesn't fully represent the diversity of the student population, there's a real risk that AI could unintentionally reinforce existing inequalities, especially affecting students from marginalized or underrepresented backgrounds.

Ethical Issues in AI Use

The ethical concerns surrounding artificial intelligence are not merely technical issues. They are deeply human dilemmas that reflect our own social biases, values, and blind spots. Among these, algorithmic bias stands out as a particularly troubling challenge. AI systems are often praised for their neutrality, yet they mirror the imperfections of their creators. When predictive policing tools disproportionately target minority neighborhoods, or when facial recognition software struggles to identify darker-skinned individuals with accuracy, we see that bias is not a flaw in the code. It is a reflection of historical inequality encoded into data. What troubles me most, as a university instructor, is that these biases often operate invisibly, cloaked in the authority of data-driven precision. Students and professors tend to trust algorithms because they appear objective, but this trust can deepen social divides. For instance, when a student submits an assignment produced by an AI tool, the result may appear linguistically sophisticated yet lack genuine comprehension or original thought. The danger lies not only in the immediate deception but also in the gradual dulling of intellectual curiosity and independent reasoning. Over time, such dependence on artificial assistance undermines academic integrity and cultivates a surface-level engagement with learning, an illusion of mastery that ultimately weakens both character and scholarship. To confront this, we, as university professors, must move beyond technical “fixes” like fairness metrics and instead foster ethical literacy among

developers and policymakers. The question is not only how to eliminate bias but how to design systems that recognize the moral weight of their decisions. In a sense, teaching machines to “be fair” requires us first to confront our own understanding of justice. Perhaps the true test of AI ethics lies not in its algorithms, but in our willingness to remain self-critical as their creators.

Pedagogical Considerations

There are significant concerns regarding the use of AI in education. Over-reliance on AI tools may reduce educators to mere facilitators of pre-set content, potentially diminishing the essential human aspects of teaching. Personal connections and moments of inspiration are crucial for motivating students, fostering empathy, and promoting critical thinking (Zohrabi & Zarei, 2025). Teachers must remain actively involved in shaping and adapting the curriculum, ensuring that technology enhances rather than replaces their professional judgment and expertise. Striking a balance between AI’s efficiency and the insight that educators provide is vital for maintaining a meaningful learning experience. Another pressing issue is the unequal access to digital resources, which exacerbates existing educational disparities. While well-funded schools can adopt AI tools more readily, those in low-income or rural areas often face challenges like limited internet access and outdated equipment. This digital divide risks leaving already disadvantaged students further behind (Selwyn, 2016).

Addressing these challenges requires thoughtful policy initiatives, consistent investment in technology infrastructure, and ongoing training for educators on the ethical use of AI. It is equally important to establish clear ethical guidelines to ensure responsible AI use and equitable access to educational opportunities for all learners.

Curriculum design has evolved significantly, shifting from rigid, teacher-centered frameworks to more flexible, AI-enhanced systems. This transformation mirrors a broader understanding of knowledge, learning, and personal growth. Traditional curricula, while effective for building foundational skills and ensuring consistency (Farrokhi et al., 2023), often failed to address the diverse needs of learners or promote creativity and adaptability in an ever-changing world.

As technologies like artificial intelligence and digital tools become integral to education, schools and universities are incorporating these innovations into their teaching methods. The aim is to provide more personalized, engaging, and relevant learning experiences that cater to students’ unique contexts (Zohrabi, 2023). AI plays a pivotal role in this shift by offering tools such as adaptive learning, real-time feedback, and predictive analytics that enable teachers to understand and meet individual student needs better. These technologies bridge the gap between traditional one-size-fits-all approaches and the demand for tailored learning paths that reflect students’ interests, strengths, and cultural backgrounds. For example, AI-powered platforms can monitor student engagement and performance, deliver customized content and recommend specific support, fostering active participation, capabilities that static curricula lack (Luckin et

al., 2016). This personalization enhances academic success while promoting greater independence and motivation among learners.

The integration of AI into curriculum design presents significant ethical, teaching, and infrastructure challenges. From a policy perspective, safeguarding student data, ensuring algorithm transparency, and obtaining informed consent are essential for responsible AI use. In the classroom, there is an ongoing debate about the role of educators in an AI-driven learning environment. While AI tools can enhance instruction, they should never replace the vital human connections that make education meaningful. Teachers provide mentorship, emotional support, and context-based decision-making, qualities that machines cannot replicate. Selwyn (2016, 97) states that “the goal should be to develop systems where technology complements educators, enhancing their capabilities without undermining the core values of teaching and learning”.

Access and equity are also critical concerns in the AI education dialogue. Not all schools or students have equal access to the technology and resources necessary for effective AI-enhanced curricula. Variations in internet quality, device availability, and teacher training can exacerbate existing educational disparities, particularly in under-resourced communities. Addressing these gaps requires thoughtful investment in digital infrastructure and continuous professional development for teachers to effectively implement AI in the classroom.

Ultimately, the future of curriculum design should not involve relinquishing control to algorithms or fully automating education. Instead, it should focus on creating partnerships where technology supports human engagement. The most effective curricula will leverage AI’s analytical strengths while keeping teachers at the center of the learning experience, fostering inclusive and adaptable educational systems ready for future challenges.

Parents, Policymakers, Communities, and Teachers in Curriculum Development

Curriculum development is a dynamic process that reflects the evolving priorities and values of society. Historically, decisions about curricula were made primarily by government officials and academic experts, often sidelining input from parents, communities, and teachers (Tyler, 1949). This top-down approach meant that the voices of those most affected by educational choices were frequently overlooked.

In contrast, modern education increasingly embraces a collaborative model. Today, parents, teachers, policymakers, and community members actively participate in shaping what and how students learn. This inclusive approach fosters fairness and better addresses contemporary challenges. By involving diverse perspectives, curriculum design becomes more relevant and culturally sensitive, reflecting the complexities of globalization, technological advancements, and social inequalities.

This section examines the evolution of these roles, illustrating how the involvement of various stakeholders has transformed curriculum development. It highlights the shift from a bureaucratic duty to a collaborative effort, emphasizing the importance of dialogue among all

parties involved. By recognizing the contributions of teachers, parents, and communities, educational systems can create curricula that truly meet the needs of today's learners. The ongoing collaboration not only enriches the curriculum but also ensures that it resonates with the values and aspirations of the society it serves. As we explore these changes, it becomes clear that inclusive dialogue is vital for developing educational frameworks that are equitable and effective in addressing the diverse needs of students.

In the past, teachers were often viewed as mere deliverers of a standardized curriculum, with little professional autonomy. Their insights from daily classroom experiences were frequently ignored by those creating the curriculum at higher levels (Eisner, 2002). This lack of input led to a disconnect between official policies and actual classroom practices.

However, the emergence of learner-centered and constructivist approaches has significantly transformed the perception of teachers. Today, they are recognized as skilled professionals who actively shape the curriculum. Fullan states that "teachers are no longer just implementers; they are co-creators, researchers, and evaluators of the content they teach" (Fullan, 2007, 67). For instance, in Finland, teachers enjoy substantial professional freedom and play a crucial role in curriculum development. While a national framework exists, they can adapt content and teaching methods to suit their local communities and students' needs.

Moreover, the rise of professional learning communities has provided teachers with collaborative environments to plan, assess, and enhance curriculum materials. In these groups, educators share expertise, consider student feedback, and reflect on their practices to ensure the curriculum remains relevant and effective (DuFour et al., 2016). Additionally, technology has empowered teachers by providing access to digital tools, open educational resources, and AI-driven planning aids, fostering personalized and innovative approaches to curriculum design. Historically, parents primarily monitored their children's grades, attendance, and homework, with minimal influence over crucial curriculum decisions. Their limited involvement reflected a top-down educational model where professional educators and policymakers held exclusive control over what was taught (Hornby & Lafaele, 2011).

In recent years, however, the role of parents in education has gained recognition. They are now viewed as essential partners whose insights can help shape curricula to better reflect cultural values, community needs, and students' real-life experiences. A significant shift occurred with Every Student Succeeds Act (ESSA) in the United States, which mandated greater parental involvement in improving education and curriculum planning (U.S. Department of Education, 2015). Today, many parents participate in school advisory councils, contribute to curriculum reviews, and advocate for materials that represent diverse backgrounds.

In Australia, national frameworks support parental involvement, encouraging schools to actively seek input from families, particularly in multicultural and Indigenous communities.

These initiatives foster a shared responsibility for student success and enhance the cultural relevance of the curriculum.

The COVID-19 pandemic underscored the vital role of parents in education. As schools transitioned to remote learning, many parents took on co-teaching roles, helping with academics and supporting their children's emotional well-being. This situation highlighted the need for collaboration between families and schools, prompting discussions about more flexible curricula that accommodate various home learning environments and address students' mental health needs.

In the past, policymakers played a dominant role in shaping educational curricula. Ministries or education departments typically led the development of curriculum frameworks, assessment standards, and learning goals, often reflecting the political and economic priorities of the time (Apple, 1993). While this centralized approach fostered consistency and a shared national identity, it often neglected local perspectives and the specific needs of communities, as well as the insights of those directly working with students.

Recently, there has been a noticeable shift toward more decentralized and inclusive methods of curriculum development. Policymakers are increasingly adopting a facilitative and consultative role, collaborating with teachers, community leaders, civil society groups, and even students. This collaborative approach helps design curricula that are relevant to local contexts and are future-oriented. In many countries, significant curriculum reforms now start with extensive consultations, public reports, community meetings, and pilot projects aimed at gathering diverse viewpoints and building consensus.

An example of this evolving mindset is seen in education policy frameworks that prioritize flexible curricula, empower learners, and integrate multiple disciplines. These frameworks encourage participatory methods, such as foresight and scenario planning, allowing policymakers to address future societal challenges while ensuring educational goals remain connected to current realities.

However, curriculum development is still deeply intertwined with complex and often contentious issues. Decisions about content often reflect larger cultural and social debates – ranging from how national history is portrayed to differing needs between urban and rural communities and discussions on climate change education (Apple, 2004). These challenges underscore the ongoing difficulty of balancing educational objectives with the diverse and sometimes conflicting values present in pluralistic societies. Thus, while policymaking has become more collaborative, it remains influenced by a complex mix of governance, ideology, and public accountability.

Historically, communities were often viewed as distant or secondary in the curriculum development process. Schools operated in isolation, disconnected from the social and cultural realities of the populations they served. As a result, Freire (1970, 123) states, “curricula

frequently overlooked local histories, Indigenous knowledge, and cultural identities, reinforcing dominant narratives while sidelining other important perspectives”.

Today, educational theories increasingly recognize the importance of incorporating community voices into curriculum design. Approaches like culturally responsive teaching and place-based education emphasize the need to integrate local knowledge, traditions, and concerns into formal learning programs. For instance, New Zealand’s Ministry of Education has implemented the Ka Hikitia strategy, which integrates Māori perspectives into the curriculum, promoting cultural pride and educational equity (Ministry of Education, 2013). This initiative demonstrates how engaging thoughtfully with communities can reshape curricula to honor Indigenous ways of knowing and create a more inclusive learning environment.

Schools are also collaborating with community partners to develop hands-on, project-based learning experiences. Through service-learning programs and partnerships with local businesses, environmental groups, and cultural organizations, students address real-world challenges while contributing meaningfully to their communities (Smith, 2002). These opportunities enhance curriculum relevance and foster stronger connections between schools and neighborhoods, promoting civic responsibility.

Technological advancements have further facilitated community involvement in curriculum discussions. Digital tools, such as online forums, surveys, and collaborative design platforms, allow a broader range of voices to be heard. These technologies empower communities to advocate for curriculum content that aligns with their values, provide feedback on implementation, and hold schools accountable to their unique needs and aspirations.

Collaborative Curriculum Development: Why It Matters Today

In today’s rapidly changing world – marked by technological advancements, political divisions, environmental issues, and evolving job markets – it’s evident that curriculum design cannot be managed by any single group or institution. Creating educational experiences that are relevant and future-focused requires collaboration. This is why co-creating curricula has become vital, ensuring that learning materials are inclusive and responsive to diverse student needs.

The shift toward co-design frameworks in education represents a significant transformation in curriculum development. Programs like Learning Futures in the UK exemplify this change by bringing together students, teachers, parents, and community members to collaboratively develop innovative curriculum models. Leadbeater (2008, 56) explains that “such participatory efforts not only enhance curriculum relevance but also cultivate a strong sense of shared ownership and creativity among all participants.”

Flexibility has emerged as a key feature of modern curricula, with schools adopting modular structures and cross-disciplinary approaches tailored to the unique needs of different communities. However, this flexibility necessitates ongoing dialogue among educators, parents, students, and policymakers. Building a cohesive curriculum is not a one-time effort; it requires

a continuous, reflective process based on lasting partnerships, mutual respect, and a shared vision for meaningful educational change.

Despite significant strides toward inclusive and collaborative curriculum development, several challenges persist. One major issue is the unequal influence among stakeholders. In many cases, the voices of parents and community members, particularly from historically marginalized groups, are often overlooked by dominant institutions and educational authorities. This undermines the ideal of shared decision-making, resulting in curricula that do not adequately reflect the cultural backgrounds, experiences, and needs of the students they are meant to serve.

Additionally, systemic disparities in access to essential resources, such as reliable digital infrastructure, professional development opportunities, and meaningful participation in decision-making, hinder equitable involvement. Communities in rural areas, economically disadvantaged families, and minority groups frequently face barriers that limit their ability to contribute to discussions about curriculum content and delivery. These imbalances not only reinforce existing educational gaps but also complicate efforts to create curricula that genuinely address the diverse realities of all learners.

To tackle these challenges, educational systems must commit to inclusive capacity building. This involves ensuring that all stakeholders, teachers, parents, policymakers, and community members, have the knowledge, resources, and confidence to engage meaningfully in curriculum development. Professional development should be tailored to the diverse needs of participants, and communication must be accessible and culturally sensitive. Moreover, policies should move beyond mere symbolic gestures, establishing real participatory structures that prioritize transparency, accountability, and ongoing feedback throughout the curriculum planning and implementation process.

Embracing transdisciplinary approaches offers a promising path forward in curriculum development. By integrating knowledge from various sources – beyond formal education to include community life, cultural traditions, and family experiences – curricula can become more flexible and relevant to students' lives. This perspective acknowledges that learning extends beyond the classroom, shaped by the broader social, cultural, and ecological contexts in which students live and grow.

In summary, the role of parents, policymakers, communities, and teachers in curriculum shaping has shifted dramatically from centralized control to more inclusive and collaborative methods. What was once dominated by government bodies and academic experts is now enriched by a diverse array of voices and experiences. This transformation reflects a broader educational philosophy that emphasizes student empowerment, real-life relevance, and a commitment to equity in learning.

Today, curriculum development focuses on creating learning environments where knowledge is co-constructed through dialogue, reflection, and shared commitment. When educational systems prioritize inclusive, transparent, and adaptable approaches, they can better equip students to navigate an increasingly complex world. Ultimately, the future of curriculum lies in recognizing education as a shared journey, shaped by many voices, where every perspective contributes to what comes next.

Life, Identity, and Education in the Modern Era

Education has always been pivotal in shaping our identities as individuals and communities. This section examines the evolving relationship between learning, life experiences, and identity, contrasting the structured, content-heavy approaches of the past with today's flexible, learner-centered models. These changes reflect broader shifts in societal values, technological advancements, and global interconnectedness.

Historically, education reinforced tradition and social order, influencing how individuals understood themselves and their roles in society. In contrast, contemporary education emphasizes personal growth, social connections, and the search for meaning in a global context. Our identities, shaped by culture and lived experiences, are now influenced by a more dynamic learning process. Learning is no longer just about acquiring knowledge; it is an exploration of who we are and who we can become.

This section argues for a holistic and adaptable educational approach that responds to modern realities while honoring the valuable lessons of the past. By examining historical and current examples, we highlight how education now fosters diverse, self-directed identities, reshaping the meaning of learning and, ultimately, what it means to be human in today's world.

In many traditional societies, education was a structured and hierarchical system closely linked to social order. Learning primarily revolved around the authority of the teacher, with students expected to absorb knowledge without questioning it. The main objective was not personal discovery but rather the preservation of established customs and values. For instance, in medieval Europe, the classical curriculum – comprising the trivium (grammar, logic, rhetoric) and the quadrivium (arithmetic, geometry, music, astronomy) – was largely accessible only to male elites. This education aimed to prepare them for roles in the church or government, reinforcing their societal positions (Haskins, 1923). In this context, education served more as a means of social reproduction than as a space for individual expression.

Similarly, in imperial China, education was rooted in Confucian ideals, emphasizing moral development and loyalty to established norms. The rigorous imperial examination system assessed candidates mainly on their ability to recite and interpret classical texts, rewarding those who best embodied Confucian principles. This left little room for personal interpretation or critical thought, shaping identity and social standing based on conformity to cultural

expectations. “Academic success often meant adopting a singular worldview that reinforced existing hierarchies” (Elman, 2000, 18).

While these educational systems maintained social order and cultural continuity, they often stifled individuality and diversity. Access to education was heavily influenced by gender, social class, and ethnicity, reinforcing rigid social hierarchies and limiting opportunities for exploring different life paths. While promoting a unified sense of identity, these models marginalized many voices and hindered the development of complex understandings of self.

Contemporary education significantly values student agency, creativity, and adaptability, contrasting sharply with traditional models. The 20th century witnessed a transformative shift in educational thought, particularly with the rise of constructivist theories from Piaget (1952) and Vygotsky (1978). These theories framed learning as an active process where individuals construct knowledge through experience and interaction, moving away from mere information absorption. This shift transformed students from passive recipients to engaged participants, fostering more flexible and individualized pathways for identity formation.

Today’s educational landscape emphasizes a wide range of literacies, critical thinking, and intercultural understanding. Programs like the International Baccalaureate reflect these priorities, promoting inquiry-driven learning, self-reflection, and global responsibility. Students are encouraged not only to delve deeply into academic subjects but also to develop emotional insight and a strong ethical foundation – qualities essential for expressing one’s identity in a diverse world.

Moreover, integrating diverse cultural perspectives into curricula represents a significant advancement in education. Frameworks like the U.S. Common Core encourage engagement with literature and historical narratives from multiple viewpoints, fostering empathy and critical awareness. This approach helps students appreciate the complexity of identity and allows those from different cultural backgrounds to see their experiences reflected in their learning, validating their stories and expanding their sense of possibilities.

The rise of digital technologies has transformed the relationship between education and identity, presenting both exciting opportunities and new challenges. Online learning platforms, social media, and open-access resources have made knowledge more accessible than ever, shifting control from traditional educational institutions. Today’s learners navigate a vast digital landscape, gathering information from diverse sources like YouTube tutorials, podcasts, and online forums. Much of this learning occurs outside formal education, offering chances for self-directed growth while complicating how individuals understand their identities.

This broader access to information has democratized education, enabling personalized learning journeys. For example, a student in Iran might pursue a software engineering degree at a local university while also studying graphic design on Coursera, an online course platform. Simultaneously, she could engage in global discussions about climate change on Reddit,

connecting with people worldwide. These multifaceted learning experiences, drawn from both formal and informal settings, contribute to a complex, transnational identity shaped by various knowledge sources and enriched by diverse cultural perspectives.

However, this flexibility comes with challenges. The overwhelming amount of information can make it difficult for learners to process and prioritize what they encounter. Additionally, the lack of in-person interaction may hinder the formation of meaningful relationships essential for social learning and personal growth. Challenges like screen fatigue, constant digital distractions, and the commercialization of education further complicate the learning experience. In response, many educators are adopting hybrid models that blend online accessibility with in-person connections, aiming to balance the convenience of digital platforms with the essential human relationships that shape identity.

Implications

As education evolves to meet the complex demands of the 21st century, the need for flexibility and inclusivity has become increasingly evident. Modern learning systems are urged to move beyond one-size-fits-all models, creating environments that acknowledge and respond to a diverse range of student experiences. A notable approach is Universal Design for Learning, which emphasizes designing adaptable educational settings that cater to the varied cognitive, cultural, and emotional needs of learners (CAST, 2018). Instead of relying on rigid, standardized methods, Universal Design for Learning promotes a personalized and responsive approach that respects how differently students absorb information, engage with materials, and demonstrate their learning.

This shift toward flexibility is evident in the growing popularity of project-based learning, which encourages students to tackle real-world challenges through interdisciplinary investigation. For instance, in a unit on climate change, students might analyze scientific data, develop artistic or digital awareness campaigns, and collaborate with local sustainability organizations. Such hands-on learning goes beyond academics, allowing students to connect with issues that resonate with them and express different aspects of their identities – intellectual, creative, cultural, and civic (Thomas, 2000). These experiences empower students to take ownership of their learning and develop the skills necessary to engage meaningfully in a diverse and interconnected world.

Colleges and universities are also adapting to the demand for flexible educational options. Many institutions now offer modular degree programs, stackable micro-credentials, and competency-based assessments that recognize prior learning and experiences outside the classroom (Zohrabi & Khalili, 2025). This flexibility allows students to tailor their academic paths to align with personal goals and career aspirations, marking a significant shift from traditional higher education models (Carey, 2015). In today's fast-paced world, this adaptability

is crucial as individuals must continually acquire new skills to keep up with technological advances and shifts in the job market.

Conclusion

Examining traditional and modern educational approaches reveals distinct benefits and challenges inherent in both. Traditional education emphasized discipline, cultural heritage, and deep knowledge, providing students with a solid intellectual foundation. However, it often neglected individual differences, leading to the exclusion of many based on social class, or ethnicity. In contrast, today's education system prioritizes innovation, inclusiveness, and flexibility, aiming to empower learners through personalized experiences and diverse perspectives. Yet, without a common foundation or clear purpose, this modern approach can sometimes feel disjointed or superficial.

Educators and policymakers today face the challenge of balancing respect for deep intellectual traditions and cultural insights with the fresh ideas and ethical responsibilities of contemporary education. This balance involves effectively utilizing digital technology while maintaining the personal, human aspect of learning. It also requires encouraging students to think globally while remaining connected to their local communities and fostering both independence and compassion. Ultimately, effective education must be both grounded and adaptable, supporting students as they navigate an ever-changing world.

The relationship between education, identity, and our lives is more complex and significant than ever. As the world becomes increasingly interconnected, culturally diverse, and influenced by rapid digital change, education must evolve to meet the shifting needs of individuals and communities. By adopting a flexible, inclusive approach that honors various contexts, education can facilitate not only academic success but also personal growth, ethical development, and a sense of community.

Looking ahead, it is essential to develop learning systems that reflect the rich diversity of human experiences, enabling individuals to lead meaningful lives in a constantly evolving world. By acknowledging the interplay between identity and education, we can create a learning approach that is both effective and deeply human, nurturing thoughtful, compassionate, and active members of a global society.

References

- Ajideh, P., Zohrabi, M. & Mohammadpour, R. (2024). The effect of global digital citizenship education on intercultural communicative competence and learners' perceptions. *Journal of Applied Linguistics and Applied Literature: Dynamics and Advances*, 12(2), 59-86. <https://doi.org/10.22049/jalda.2024.29174.1630>
- Apple, M. W. (1993). *Official knowledge: Democratic education in a conservative age*. Routledge.
- Apple, M. W. (2004). *Ideology and curriculum* (3rd ed.). Routledge Falmer.

- Biesta, G. (2015). *Good education in an age of measurement: Ethics, politics, democracy*. Routledge.
- Carey, K. (2015). *The end of college: Creating the future of learning and the university of everywhere*. Riverhead Books.
- CAST. (2018). *Universal Design for Learning Guidelines version 2.2*. <http://udlguidelines.cast.org>
- Dede, C. (2010). Comparing frameworks for 21st century skills. In J. Bellanca & R. Brandt (Eds.), *21st century skills: Rethinking how students learn* (pp. 51–76). Solution Tree Press.
- DuFour, R., Eaker, R., & Many, T. (2016). *Learning by doing: A handbook for professional learning communities at work* (3rd ed.). Solution Tree Press.
- Eisner, E. W. (2002). *The educational imagination: On the design and evaluation of school programs* (3rd ed.). Merrill Prentice Hall.
- Elman, B. A. (2000). *A cultural history of civil examinations in late imperial China*. University of California Press.
- Farrokhi, F., Zohrabi, M., & Gholizadeh, A. (2023). A sociocognitive account of willingness to communicate from the perspective of complex dynamic systems theory. *Language Teaching Research Quarterly*, 36, 35-54.
- Freire, P. (1970). *Pedagogy of the oppressed*. Continuum.
- Fullan, M. (2007). *The new meaning of educational change* (4th ed.). Teachers College Press.
- Fullan, M. (2013). *Stratosphere: Integrating Technology, Pedagogy, and Change Knowledge*. Pearson.
- Goleman, D. (1995). *Emotional intelligence: Why it can matter more than IQ*. Bantam Books.
- Haskins, C. H. (1923). *The Rise of Universities*. Henry Holt and Company.
- Hornby, G., & Lafaele, R. (2011). Barriers to parental involvement in education. *Educational Review*, 63(1), 37–52. <https://doi.org/10.1080/00131911.2010.488049>
- Khalili, A., Zohrabi, M., & Dobakhti, L. (2025). A cross-cultural scrutiny of predictors of English teachers' immunity in the contexts of Iran, France, and the United States. *Sage Open*, 15(3), 1-18. <https://doi.org/10.1177/21582440251367151>
- Labaree, D. F. (2010). *Someone has to fail: The zero-sum game of public schooling*. Harvard University Press.
- Leadbeater, C. (2008). *What's Next? 21 ideas for 21st century learning*. The Innovation Unit. <https://www.innovationunit.org>
- Luckin, R., Holmes, W., Griffiths, M., & Forcier, L. B. (2016). *Intelligence unleashed: An argument for AI in education*. Pearson.
- Ministry of Education. (2013). *Ka Hikitia—Accelerating success 2013–2017*. Government of New Zealand. <https://www.education.govt.nz>
- Piaget, J. (1952). *The origins of intelligence in children* (M. Cook, Trans.). International Universities Press.
- Rickabaugh, J. (2016). *Tapping the power of personalized learning: A roadmap for school leaders*. ASCD.
- Robinson, K. (2011). *Out of our minds: Learning to be creative* (2nd ed.). Capstone.
- Sahlberg, P. (2011). *Finnish lessons: What can the world learn from educational change in Finland?* Teachers College Press.
- Selwyn, N. (2016). *Education and technology: Key issues and debates*. Bloomsbury.

- Sensoy, Ö., & DiAngelo, R. (2017). *Is everyone really equal? An introduction to key concepts in social justice education* (2nd ed.). Teachers College Press.
- Smith, G. A. (2002). Place-based education: Learning to be where we are. *The Phi Delta Kappan*, 83(8), 584–594.
- Thomas, J. W. (2000). *A review of research on project-based learning*. Autodesk Foundation.
- Trilling, B., & Fadel, C. (2009). *21st century skills: Learning for life in our times*. Jossey-Bass.
- Tyler, R. W. (1949). *Basic principles of curriculum and instruction*. University of Chicago Press.
- U.S. Department of Education. (2015). *Every Student Succeeds Act (ESSA)*. <https://www.ed.gov/essa>
- Vygotsky, L. S. (1978). *Mind in society: The development of higher psychological processes*. Harvard University Press.
- Woolf, B. P. (2010). *Building intelligent interactive tutors: Student-centered strategies for revolutionizing e-learning*. Morgan Kaufmann.
- Zhao, Y. (2012). *World class learners: Educating creative and entrepreneurial students*. Corwin Press.
- Zohrabi, M. (2023). A pragmatic view on education: Navigating AI, technology, curriculum, and identity in the 21st century. *Journal of Philosophical Investigations*, 1(3), 72-90. <https://doi.org/10.22034/ijpie.2023.233191>
- Zohrabi, M. & Dehghani, N. (2024). The function of instruction by mind mapping on Iranian students' grammar learning. *Journal of Interdisciplinary Research in English Language Communication (IRELC)*, 1(1), 18-31. <https://doi.org/10.30470/IRELC.2024.716669>
- Zohrabi, M. & Khalili, A., (2023). The philosophy of teacher immunity: EFL teachers' perspectives. *Journal of Philosophical Investigations*, 17(45), 330-346. <https://doi.org/10.22034/JPIUT.2024.59889.3664>
- Zohrabi, M., & Khalili, A., (2024). A cross-cultural study into the utility of diverse written corrective feedback strategies in medicine students' ESP writing courses. *International Journal of Society, Culture & Language*, 12(2), 150-169. <https://doi.org/10.22034/ijsc1.2024.2025600.3436>
- Zohrabi, M., & Khalili, A., (2025). The utility of tailor-made teacher education in Iranian EFL instructors' attitudes toward dynamic assessment. *Language Testing in Asia*, 15(29), 1-18. <https://doi.org/10.1186/s40468-025-00366-9>
- Zohrabi, M. & Nasirfam, F. (2024). The use of assessment for learning rather than assessment of learning in EFL context. *Applied Research on English Language*, 13(2), 1-30. <https://doi.org/10.22108/are.2024.140274.2210>
- Zohrabi, M. & Paydar, Z. (2025). Iranian EFL practitioners' issues at private institutes and state schools. *Teaching English Language*, 19(1), 81-118. <https://doi.org/10.22132/tel.2025.433009.1552>
- Zohrabi, M. & Zarei, P. (2025). The benefits of using literature in educational practices and boosting students' engagement. *Literary Arts*, 17(2), 1-10. <https://doi.org/10.22108/liar.2025.144049.2431>