Navigating The Future: The New Paradigm Of Education

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Abstract

This article discusses "Navigating the Future: The New Paradigm of Education" as a response to global changes and technological advancements. This new paradigm emphasizes inclusivity, the utilization of technology, and personalized learning. The research objectives are: (1) to analyze how the new educational paradigm confronts global changes and technology; (2) to identify the impact of inclusivity on student learning experiences; (3) to explore how technology utilization enriches teaching methods; (4) to uncover the significance of personalized learning in enhancing student outcomes; (5) to understand the relationship between adaptability, educational relevance, and future challenges.

The research methodology employed in this study includes literature review and content analysis. A comprehensive literature review was conducted to gather insights from scholarly research articles, books, and reports related to educational landscape development, including technology adoption, student-centered approaches, and the shift towards personalized learning. The researcher carefully read and analyzed each relevant source, seeking expert perspectives, current trends, and significant findings related to the new educational paradigm. Utilizing content analysis, the collected information was sorted and organized. Relevant data was identified, categorized, and meticulously analyzed.

The research results reveal that the new educational paradigm is a highly relevant response to global changes and technological advancements. Furthermore, inclusivity serves as the foundation of this approach, ensuring that education reaches and supports every individual to develop according to their potential. Additionally, the careful utilization of technology has enabled more interactive, personalized, and adaptive learning experiences. The role of personalization plays a crucial part in delivering education tailored to the unique needs of each student, thus enabling them to achieve optimal learning outcomes. The importance of adaptability and the relevance of education to future challenges have been underscored, emphasizing lifelong learning and student preparedness for inevitable changes in the dynamic global landscape.

The research outcomes strongly affirm that education must effectively equip individuals with skills, knowledge, and a mindset suitable for future demands. This new educational paradigm serves as a compass guiding the path towards an inclusive, adaptive, and relevant education system in facing contemporary challenges.

Keywords: Navigating the Future, New Paradigm of Education, Global Changes, Technological Advancements, Adaptive Education System.

INTRODUCTION

Education has long been the backbone of societal progress and individual development. (Seldon et al., 2020). However, in an era filled with global challenges and rapid technological changes, education must navigate complex shifts and find new ways to address future challenges. In facing this situation, a new paradigm in education becomes increasingly crucial in creating an innovative and adaptable education system.

This article aims to explore the new paradigm in education, which will serve as the foundation for developing a competitive and responsive education system that adapts to the dynamics of the times. The primary research focus is on how to confront global transformations and integrate technology wisely into the learning process. The research objectives are to identify effective strategies for leveraging technological innovations to enhance the quality of education and to explore inclusive approaches that ensure equal

opportunities for every individual to receive quality education. The significance of this research lies in contributing to the development of an adaptive, creative, and future-oriented education. This new paradigm is expected to open new opportunities for students to fully develop their potential and be prepared to face challenges in the global world.

In seeking meaningful solutions, the theories utilized in this research encompass the concept of personalized learning, wherein each individual is recognized as a unique entity with distinct learning styles and needs. Furthermore, the use of technology in the learning process will be supported by contemporary learning theories that emphasize the use of digital resources to facilitate interactive and engaging learning. By understanding the issues at hand, setting research objectives, and grounding the research in relevant theories, this article endeavors to make a meaningful contribution in guiding education towards a bright and hopeful future.

The significance of this research is crucial as it is expected to contribute to the development of education that is aligned with future needs, creative, and adaptable. This new paradigm is anticipated to create new opportunities for students to explore their potential fully and to be ready to face the challenges of the global world. To achieve the research objectives, relevant theories will be employed. The concept of personalized learning is one theory to be applied, wherein each individual is recognized as unique with varying learning styles and needs. Furthermore, contemporary learning theories will support the use of technology in education, ensuring an interactive and engaging approach. By understanding the challenges, setting research objectives, and utilizing relevant theories, this article strives to make a meaningful contribution in guiding education towards a future that is full of hope and progress.

Navigating the Future in Education refers to the efforts and strategies to understand and confront future challenges and opportunities in the context of education (Wagner & Compton, 2012). In an era of rapid change, including technological advancements, social developments, and evolving economic demands, education faces significant transformations.

Navigating the future of education implies that education requires a clear vision of the direction to be taken and how to achieve it. Educators, governments, and other education stakeholders must collaborate to develop innovative strategies that are relevant and adaptable. Several aspects need to be considered in navigating the future of education, including: (1) Technology: The development of information and communication technology provides opportunities to integrate sophisticated tools in learning, such as artificial intelligence and digital-based learning; (2) Inclusivity: The future of education should encompass an inclusive approach that ensures learning opportunities for all individuals regardless of their background, abilities, or social status; (3) Personalized Learning: Tailoring teaching to the needs and interests of each student will be key to enhancing learning outcomes; (4) 21st Century Skills: Supporting the development of skills relevant to the digital era, such as creativity, collaboration, critical thinking, and problem-solving; (5) Flexible Curriculum: The curriculum should be flexible and adaptable to societal and workforce needs and changes; (6) Holistic Evaluation and Assessment: Evaluation and measurement systems should encompass more than just academic grades but also measure progress in social, emotional, and other skill domains. With an awareness of the importance of adaptation and innovation in education, stakeholders can collaboratively create a new paradigm in education to face an uncertain future with optimism and preparedness for challenges and opportunities.

New Paradigm of Education

The New Paradigm of Education refers to fundamental changes in perspectives, strategies, and approaches in the education process. This new paradigm emerges as a response to social, technological, economic changes, and the increasingly complex needs of learners in the modern era. According to Kolb D (2017) several characteristics of the new education paradigm include: (1) Inclusivity: This new paradigm emphasizes inclusivity, where every individual is given equal learning opportunities without discrimination, and diversity is valued as an asset in the learning environment. (2) Personalized Learning: The main focus is on personalized learning, understanding that each student has different needs and interests. Educators

create a learning environment that accommodates the uniqueness of each learner and provides appropriate individual support. (3) Technology in Learning: The new education paradigm integrates information and communication technology as learning tools. Technology is used to facilitate more engaging, interactive, and relevant learning experiences for students. (4) Holistic Education: The focus is on holistic education, where intellectual, social, emotional, and physical aspects of learners are balanced to enhance overall development. (5) 21st Century Skills: This new paradigm emphasizes the importance of developing 21st-century skills, such as critical thinking, effective communication, collaboration, creativity, and digital literacy. (6) Project-Based Education: Project-based teaching and practical learning are used to connect students' subjects with the real world, allowing them to apply their knowledge in real-life situations. (7) Formative Assessment: Evaluation is focused on formative assessment, where teachers provide continuous feedback to help students understand their progress and identify areas for improvement.

This new education paradigm strives to bring positive change to education by providing relevant, inspirational learning experiences that help students reach their maximum potential. By supporting inclusive approaches, advanced technology, and the utilization of 21st-century skills, the new education paradigm aims to create an adaptive, relevant education environment that empowers learners to face future challenges and opportunities. This new education paradigm serves as a bridge between the education world and the real world. Students are encouraged to apply their knowledge and skills in real-life situations, making learning more meaningful and relevant. In the spirit of exploration and transformation, this new education paradigm continues to progress. With each step, education creates a space for students to dare to dream and reach for a brighter future. In this inspired atmosphere, the next generation is ready to navigate the future with readiness and high spirits.

Global Changes in Education

Global changes in education refer to various significant changes occurring worldwide in the context of education. These changes are influenced by global factors such as technological advancements, social and demographic changes, economic developments, environmental challenges, and other global trends. These global changes impact the way education is structured, accessed, delivered, as well as the overall goals and paradigms of education.

Salman Khan said that some global changes in education include: (1) Technology in Learning: The development of information and communication technology has transformed how learning takes place. Integrating technology in education enables access to unlimited learning resources, remote learning, online learning, and the use of various supportive learning tools. (2) 21st Century Skills: Changes in workforce demands and societal needs have driven a focus on developing 21st-century skills such as critical thinking, creativity, collaboration, and digital literacy. (3) Inclusive Education: Awareness of the importance of inclusivity in education is increasing. Efforts to include all individuals without discrimination and embrace diversity become crucial aspects of global education changes. (4) Competency-Based Curriculum: Global changes have pushed education to adopt competency-based curriculum approaches, where learning objectives focus more on skill development and understanding rather than mere subject mastery. (5) Lifelong Learning: The challenges of an ever-changing world have heightened the need for lifelong learning. Education is no longer confined to specific life stages but becomes a continuous process throughout life. (6) Data and Analytics Utilization: Technological advancements have enabled the use of data and analytics in education. Data can be used to identify student needs, measure progress, and design more effective learning strategies (Khan, 2012).

Global changes in education demand adaptation and innovation from educators, education stakeholders, and the entire education system. In facing these rapid and complex changes, it's important to consistently update strategies, curriculum, and education approaches to better address existing challenges and opportunities. Technological advancements in education provide significant opportunities to enhance learning quality and empower students in their learning journey. However, educators are also required to understand and integrate technology wisely, ensuring that technology is used as an effective and relevant

learning tool that aligns with educational needs and goals. By utilizing technology appropriately, education can be better prepared and adaptive to navigate an increasingly complex and ever-changing future.

Inclusivity in Education

Inclusivity in education refers to an approach and set of values that recognize and embrace the diversity of individuals within the educational environment. The concept of inclusivity focuses on ensuring that every learner, regardless of their background, abilities, disabilities, or social status, has equal opportunities to learn, participate, and develop to their fullest potential.

There are several characteristics of inclusivity in education include: (1) Acceptance of Diversity: Inclusivity values and acknowledges diversity among students. Each individual is considered a valuable part of the learning community, and differences are seen as valuable assets in creating a rich learning environment. (2) Physical and Social Accessibility: Inclusivity means creating physical and social environments that are accessible to all students without barriers. This includes ensuring accessibility for students with physical disabilities and providing social support for students from diverse backgrounds. (3) Personalized Learning: An inclusive approach employs personalized learning to meet the unique needs and interests of each student. Educators strive to provide relevant and meaningful learning experiences for every individual, ensuring that all students are engaged and contributing. (4) Differential Curriculum: An inclusive curriculum is designed with a differential approach, where teachers identify students' needs and levels of progress, and provide appropriate learning approaches to help students achieve their best potential. (5) Collaboration and Support: Inclusivity involves collaboration among teachers, staff, parents, and other stakeholders to support student success. Multidisciplinary teams work together to identify and provide necessary support for students who require special attention. (6) Recognition of Each Individual's Goodness: Inclusivity in education emphasizes the importance of appreciating the goodness in every individual and recognizing the potential and contributions they bring to the learning environment (Rose, 2016).

By implementing inclusivity in education, the main goal is to create a safe, inclusive, and supportive learning environment for all students. This helps ensure that every individual has an equal opportunity to develop academically, socially, and emotionally, and to become productive members who contribute to society at large.

Utilization of Technology In the advancing digital era, the utilization of technology in education has become an integral part of transforming the education system. The incorporation of technology in education is not merely a trend, but an effort to enhance learning quality, increase efficiency, and create more engaging and interactive learning experiences for students. The utilization of technology has opened access to various limitless learning resources. Through the internet, students can easily access reading materials, educational videos, and other educational resources from around the world. This enables students to explore topics in-depth and gain broader insights from a global perspective.

Additionally, online-based learning has become an effective alternative, especially in emergencies like a pandemic. When in-person meetings become challenging, online learning platforms allow students and teachers to stay connected and interact virtually. Online learning also offers flexibility for students to manage their learning time according to their most suitable schedules. Technology has also provided space for interactive and engaging learning. Educators can use interactive media such as educational videos, animations, and games to make learning more enjoyable and present complex concepts in a more understandable way.

Furthermore, the utilization of technology in education allows for personalized learning. Each student has a different pace and learning style, and technology assists educators in providing materials and assignments that align with each student's progress level. Thus, each student can develop according to their own potential. However, the utilization of technology in education also presents some challenges. One of them is ensuring technology accessibility for all students, especially those in remote areas or those who may have limited internet access. Additionally, the use of technology requires training for educators to effectively integrate technology into the learning process.

By optimizing the use of technology in education, we can create an inclusive, innovative, and adaptive learning environment. Through thoughtful technology utilization, education can continue to be a driving force in facing future challenges and creating a generation prepared to navigate an increasingly complex and evolving world.

Personalized Learning Personalized learning in education is an approach that places students at the center of the learning process, where education is designed and tailored to individual needs, interests, abilities, and learning styles. The goal of personalized learning is to provide a learning experience that is relevant, meaningful, and aligned with the uniqueness of each student, enabling them to achieve their maximum learning potential.

Several characteristics of personalized learning in education include: (1) Recognition of Student Diversity: Personalized learning recognizes and values diversity among students. Each student is seen as a unique individual with different learning potentials and challenges; (2) Customized Curriculum: The curriculum in personalized learning is designed to meet individual student needs. Teachers strive to present subject matter in ways that align with each student's interests and progress levels; (3) Flexibility in Teaching Approaches: Educators use diverse teaching methods and strategies to accommodate different learning styles. Students can learn through group discussions, independent projects, experiments, or technology use, based on their preferences and needs; (4) Assessment Oriented toward Individual Progress: In personalized learning, assessment focuses on individual student progress rather than comparison with other students. Teachers provide constructive and meaningful feedback to help students improve their academic achievements; (5) Monitoring of Development: Teachers continuously monitor student development and respond to changes in their learning needs. This allows for appropriate adjustments and additional support; (6) Interest-Based Learning: Personalized learning encourages students to explore their interests and talents. Teachers collaborate with students to identify topics or projects relevant to their personal interests, making learning more meaningful and enjoyable.

Personalized learning creates an inclusive, motivating, and student-centered learning environment. By acknowledging individual differences, personalized learning helps students feel valued and supported in their learning journey. Additionally, this approach has the potential to enhance students' intrinsic motivation to learn, as learning becomes more relevant to their lives and helps them achieve higher academic achievements.

Adaptive Education System

An adaptive education system is an educational model designed to adjust itself according to the needs and progress of individual students. The primary goal of an adaptive education system is to provide learning experiences that align with each student's level of ability and interests, enabling them to reach their maximum learning potential. Yuval Noah Harari said there are several distinctive features of an adaptive education system include: (1) Utilization of Technology. Adaptive education systems often rely on information and communication technology (ICT) to gather data about students' learning progress. By utilizing algorithms and data analysis, this system can present learning materials, assignments, or exercises tailored to each student's needs; (2) Formative Assessment. Adaptive education systems use continuous formative assessment to monitor students' learning progress. Formative assessments provide real-time information to teachers about students' understanding levels, allowing teachers to provide immediate additional assistance or support if needed; (3) Dynamic Curriculum. The curriculum within an adaptive education system can change based on students' development. When students demonstrate strong understanding of a concept, the system presents more challenging materials to maintain motivation and a sense of challenge. Conversely, if difficulties arise, the system offers material review or further assistance; (4) Personalize Learning: An adaptive education system provides a personalized learning experience for each student. Learning materials, teaching methods, and other content are customized according to each student's preferences and progress levels; (5) Real-Time Progress Monitoring: Teachers and students can view students' learning progress in real time within the adaptive education system. This helps students have better self-awareness of their achievements and allows teachers to provide timely interventions if necessary;

(6) Increased Efficiency: By presenting learning materials that suit each student's individual needs, an adaptive education system can enhance learning efficiency. Students can utilize their time more effectively and focus on areas that require extra attention (Harari, 2018).

Implementing an adaptive education system holds the potential to enhance the effectiveness and relevance of education for every student. By recognizing individual differences in learning, this system can help create an inclusive learning environment and optimize the learning potential of each individual. However, to achieve full success, it's crucial for the adaptive education system to be supported by well-trained educators and adequate technological infrastructure.

Creativity in Education

Creativity in education is a power that can unlock the doors to the unlimited potential of every individual (Robinson & Aronica, 2016). In a learning environment that fosters creativity, students are encouraged to think beyond boundaries and explore new ideas without fear or constraints. Creativity in education refers to students' ability to generate new ideas, creative solutions, and original perspectives in the process of learning and problem-solving. Creativity plays a crucial role in preparing students to face complex and ever-evolving challenges in the future. Education that encourages and develops students' creativity creates an innovative and inspiring learning environment. Teachers act as facilitators who encourage students to think outside the box and explore various ways to tackle tasks and challenges.

In the learning process, teachers serve as guides who inspire students to use their imagination freely. They create a safe and inclusive environment where students feel comfortable expressing their ideas without judgment. Teachers also foster students' curiosity by bringing in engaging and relevant learning materials from the real world. Collaboration becomes an integral part of creativity-focused education. In teamwork, students share perspectives and support each other to develop creative thinking and innovative solutions. Students are also presented with stimulating challenges that encourage their creative faculties. Challenging tasks prompt them to think critically and seek solutions beyond conventions.

Teachers provide room for exploration, experimentation, and mistakes, as the creative process requires the courage to face challenges and gain insights from failures. An education that promotes creativity not only produces a generation that is creative and innovative but also aids students in their personal development. Creativity teaches them to dare to dream and reach their fullest potential. Creativity is an endless resource that paves the way for new discoveries, innovation, and progress. In an era of rapid change and increasingly complex global challenges, creativity in education becomes the key to navigating the future with courage and boundless imagination as David Kolb said by tapping into the creative potential of every individual, education lays a strong foundation for societal progress and transformation toward a better future (Kolb & Kolb, 2017b).

The relevance of education to the future

The relevance of education to the future is a call to connect what we teach in classrooms with the demands of a constantly changing world. Amid social shifts, advancing technology, and increasingly complex global challenges, education must equip students with relevant skills and readiness to tackle future challenges (Diamandis & Kotler, 2012). In enthusiastic learning environments, teachers take students on a journey to explore how the knowledge and skills gained today will shape their steps in the future. The relevance of education becomes a driver to focus learning on concepts that can be applied in real life, not just on exams.

A future-relevant curriculum extends beyond textbooks. It incorporates critical elements such as critical thinking skills, collaboration, creativity, and digital literacy. Students are not only memorizing content but also learning how to process information, construct arguments, and adapt to various situations. Moreover, the relevance of education to the future helps students recognize their potential and pursue fitting interests. This means providing space for exploration and developing skills that support their future careers. Relevant education also acknowledges the value of diversity, preparing students to interact with an increasingly global society.

However, the relevance of education doesn't happen automatically. It requires collective efforts from educators, curriculum designers, school environments, and support from the community. By understanding the existing changes and demands, we can create an education that teaches students how to think, learn, and adapt in a constantly evolving world.

In fulfilling this role, education acts as a bridge between the present and the future. It provides the tools, skills, and understanding needed to face change and make a mark in an unrealized world. With profound relevance, education not only prepares students for the future but also empowers them to create a better future.

METHOD

In facing complex topics such as "Navigating the Future: New Paradigm of Education," a careful and structured approach is crucial. The method used to delve deeper into this future education paradigm is through a literature research and content analysis approach. Firstly, the initial step involves gathering relevant literature sources from various reliable sources such as scholarly journals, books, articles, and official publications. The researcher reads and analyzes each source related to the topic carefully, seeking expert perspectives, current trends, and significant findings related to the new education paradigm. Subsequently, utilizing the method of content analysis, the researcher sorts and organizes the collected information. Relevant data is identified, categorized, and thoroughly analyzed. Patterns, key themes, and common trends are identified to understand the essence of the future education paradigm. In this stage, information about inclusivity, technology, personalized learning, adaptability, and other issues can be elucidated more effectively. This approach allows us to grasp the perspectives of various experts, draw comparisons between different concepts, and formulate a comprehensive understanding of the new education paradigm. The outcomes of this content analysis can serve as a foundation for constructing strong and in-depth arguments in the article. Through the literature research and content analysis method, we can contemplate diverse views on the future education paradigm, connect them with the global context and technological developments, and provide profound insights into how education can successfully navigate the future.

RUSULT AND DISCUSSION

Based on the result of the research a valuable insight into the ongoing evolution of education has been revealed. This new paradigm of education, formed in response to inevitable future challenges, presents a profound view of how education will shape and develop in the coming years. Throughout this research journey, it has been uncovered that this new education paradigm is not merely a surface-level change. It encompasses a fundamental shift in the way we understand and approach education. By integrating perspectives from experts, global trends, and technological innovations, this new paradigm has several key points that inspire changes in educational approaches.

The research findings highlight inclusivity as the primary foundation of this new paradigm. This approach emphasizes diversity, recognizing that every individual possesses unique differences and potentials. In this educational environment, every student is provided with equal opportunities to grow and develop according to their abilities. The role of technology also emerges as a primary focus of these research findings. Rapid technological advancements have transformed the way we learn, teach, and interact. Integrating technology into education has allowed for more interactive, personalized, and relevant learning experiences. The utilization of online platforms, digital learning tools, and technology-based approaches has revolutionized traditional learning paradigms.

Furthermore, the research findings also underscore the necessity of personalized learning. This paradigm acknowledges that each student has a distinct learning style and interests. Therefore, education in the future must be capable of providing learning experiences tailored to individual needs, enabling each student to reach their full potential. The research findings also emphasize lifelong learning. As the world continues to evolve, students need to be prepared to confront changes with flexibility and constantly

updated knowledge. This new education paradigm transforms learning into an ongoing journey that transcends the confines of classrooms and ages.

Thus, the research findings clearly outline the direction that education is taking in the future. This new paradigm is not merely theoretical; it is a valuable guide that will shape education to be more inclusive, adaptive, and relevant to the demands of an ever-changing world. This paradigm will aid educators and students in exploring future challenges and opportunities with confidence and competence.

The research yields an in-depth depiction of how education can respond to global changes and ceaseless technological advancements. This new education paradigm is a reflection of collective efforts to confront the increasingly complex challenges of the modern era. In this discussion, it is revealed that this new education paradigm is not a hollow concept; rather, it is a robust vision of how education should be developed and implemented. This paradigm highlights several vital aspects that form the foundation of the new educational approach:

Firstly, the discussion highlights inclusivity as the primary principle of this new paradigm. An inclusive approach to education values and embraces student diversity, ensuring that every individual has equal opportunities to receive a quality education. It is not merely about including all students in the learning process, but also recognizing and understanding each individual's uniqueness and needs.

Secondly, the discussion underscores the role of technology in shaping this new education paradigm. Technological advancements have opened the doors to more dynamic and interactive education. Technology integration enriches teaching methods and provides access to a wider range of learning resources, leading to more adaptive, personalized, and relevant learning experiences.

Thirdly, the discussion emphasizes the importance of personalized learning in this new paradigm. This approach acknowledges that each student has a distinct learning style, interests, and pace. As such, education is directed towards delivering learning experiences tailored to individual needs and preferences.

Thirdly, the discussion highlights adaptability as a central element in the new education paradigm. In an ever-changing world, students need to be equipped with critical thinking, creativity, and problem-solving skills that allow them to adapt to changes in social, economic, and technological environments.

Fourthly, the discussion also emphasizes the relevance of education to the future, where the primary goal of education is to prepare students to be individuals with a profound understanding of the world, as well as skills and abilities to positively contribute to the global community.

Overall, this discussion forms a comprehensive view of how education can confront future challenges and opportunities. This new paradigm of education is not an endpoint but a beginning of a long journey towards an education system that is inclusive, adaptive, and relevant to the evolving needs of the world.

CONCLUSSION

In the culmination of this research, it can be concluded that:

1) The new paradigm of education is a highly relevant response to global changes and technological advancements. Inclusivity serves as its foundational principle, ensuring that education touches and supports every individual's development to their fullest potential.
2) Thoughtful utilization of technology has enabled more interactive, personalized, and adaptive learning experiences. Personalized learning plays a crucial role in achieving optimal learning outcomes for each student.
3) The importance of adaptability and the relevance of education to future challenges have been confirmed.
4) This new paradigm guides lifelong learning and prepares students for the inevitable changes in the dynamic global environment.
5) The research findings confirm that education should effectively equip individuals with the skills, knowledge, and mindset that align with future demands. This new education paradigm acts as a

compass, guiding efforts towards an inclusive, adaptive, and relevant education system in the face of an ever-changing world.

REFERENCES

1. Diamandis, P. H., & Kotler, S. (2012). *Abundance: The future is better than you think*. Simon and Schuster.
2. Harari, Y. N. (2018). *21 Lessons for the 21st Century:'Truly mind-expanding… Ultra-topical'Guardian*. Random House.
3. Khan, S. (2012). *The one world schoolhouse: Education reimagined*. Twelve.
4. Kolb, A. Y., & Kolb, D. A. (2017a). The experiential educator: Principles and practices of experiential learning. *(No Title)*.
5. Kolb, A. Y., & Kolb, D. A. (2017b). The experiential educator: Principles and practices of experiential learning. *(No Title)*.
6. Robinson, K., & Aronica, L. (2016). *Creative schools: The grassroots revolution that's transforming education*. Penguin books.
7. Rose, T. (2016). *The end of average: How to succeed in a world that values sameness*. Penguin UK.
8. Seldon, A., Abidoye, O., & Metcalf, T. (2020). *The Fourth Education Revolution Reconsidered: Will Artificial Intelligence Enrich Or Diminish Humanity?* Legend Press Ltd.
9. Wagner, T., & Compton, R. A. (2012). *Creating innovators: The making of young people who will change the world*. Simon and Schuster.