

SYNTHESIZING PROGRESSIVE AND BEHAVIOURISTS APPROACHES IN PHILOSOPHY OF EDUCATION

George Chizoba Okpara*, Dr Abiakwu, Onyinyechi Felicity**, Dr Greg Ekeh*** & Rev Fr Dr Ezeanolue Aloysius O.***

Abstract

This paper explores the synthesis of progressive and behaviourist approaches within the philosophy of education. It investigates how these contrasting educational paradigms can be blended to establish a coherent pedagogical framework. Utilizing qualitative research methods, including an extensive literature review, the study examines the historical origins and philosophical underpinnings of both progressive and behaviourist ideologies. Key aspects explored include their historical perspectives, philosophical implications, and the challenges and opportunities inherent in their integration. The findings indicate that a balanced synthesis of progressive and behaviourist principles can enhance student engagement and critical thinking in educational contexts. Despite challenges such as resource disparities, the study concludes that an integrated approach shows promise in fostering inclusive and effective educational practices.

Keywords: Progressive education, Behaviourist approaches, Philosophy of education, Student-Centered Learning, Critical thinking, Educational Practices.

Introduction

There has been a growing interest in the synthesis of progressive and behaviourist approaches within the field of philosophy of education. The progressive approach emphasizes student-centred learning, individual autonomy, and critical thinking skills development. On the other hand, the behaviourist approach focuses on structured instruction, reinforcement, and observable behaviours. This juxtaposition has led to discussions about the potential benefits and challenges of integrating these seemingly divergent educational philosophies (Carr & Bailey, 2021). Ilyas et al. (2023) underscored the significant impact of educational approaches on individual behaviour, particularly highlighting the shift towards more student-centred and experiential learning methods. This shift is underpinned by three key pillars: cognitive development, socio-emotional learning, and academic achievement. Consequently, there is a growing recognition of the need to balance the progressive ideals of fostering creativity and independent thinking with the behaviourist principles of providing clear objectives and systematic instruction. The evolving awareness of diverse learning styles and educational needs directly influences educational practices. In recent years, there has been a growing emphasis on personalized learning experiences and differentiated instruction to cater to the diverse needs of students (Howlett 2022). Supporting this notion, research by Ogiemwonyi and Harun (2022) highlights the importance of adapting teaching methods to accommodate individual learning preferences and promote student engagement. According to contemporary educational theorists, synthesizing progressive and behaviourist approaches offers a promising avenue for addressing the multifaceted needs of students (Volkmer et al., 2022). By combining elements of student-centred learning with structured instruction and reinforcement techniques, educators can create a more dynamic and inclusive learning environment. However, it is essential to acknowledge the challenges associated with this integration, including curriculum alignment, assessment practices, and teacher preparedness (Amazan et al., 2023). The synthesis of progressive and behaviourist approaches represents an exciting frontier in the philosophy of education. By leveraging the strengths of both approaches, educators can create more effective and engaging learning experiences for students, ultimately fostering their holistic development and academic success.

Historical Background of Progressive Approach

The progressive approach to education traces its roots back to the late 19th and early 20th centuries, with notable thinkers such as John Dewey and Jean Piaget advocating for student-centred learning and experiential education. This section provides an overview of the historical development of progressive education and its impact on modern pedagogical practices (Walter, 2021). Within the conceptual review guiding the synthesis of progressive and behaviourist approaches in education, several key components emerge as foundational pillars shaping pedagogical practice. These components delineate the fundamental principles, methodologies, and ideologies that underpin the integration of divergent educational paradigms, offering a nuanced understanding of the theoretical underpinnings informing instructional design and implementation.

Progressive Approach in Philosophy of Education

The progressive approach in the philosophy of education is rooted in the belief that education should be student-centred, experiential, and focused on fostering critical thinking skills (Carl 2018). This approach emphasizes the importance of engaging students actively in the learning process and providing opportunities for hands-on experiences that connect to real-world contexts. According to Leana (2021), John Dewey is perhaps the most prominent advocate of the progressive approach. In his seminal work, "Experience and Education," Dewey argued that education should be based on the principles of democracy and inquiry. He believed that students learn best when they are actively involved in constructing their knowledge through meaningful experiences. Dewey emphasized the importance of problem-solving, critical thinking, and reflection in the learning process (Musyarapah, 2017). Jean Piaget further elaborated on the progressive approach through his theory of cognitive development (Brehony, 2020). Piaget proposed that children actively construct their understanding of the world through interactions with their environment. He identified four stages of cognitive development and suggested that education should be tailored to each stage to promote optimal learning outcomes. Furthermore, Lev Vygotsky introduced the concept of social constructivism, which aligns closely with the progressive approach (Ami, 2023). Vygotsky emphasized the role of social interaction and cultural context in cognitive development. He proposed that learning occurs through collaboration with more knowledgeable others and the gradual internalization of social processes. Vygotsky's ideas have had a significant impact on educational practices, particularly in the areas of scaffolding, zone of proximal development, and cooperative learning. In practice, the progressive approach manifests in various educational strategies and pedagogical methods. Project-based learning, for example, encourages students to explore topics of interest through hands-on projects and inquiry-based activities. Inquiry-based learning emphasizes asking questions, conducting investigations, and drawing conclusions, rather than memorizing facts and information. Problem-based learning presents students with real-world problems to solve, fostering critical thinking and problem-solving skills (Nager 2020).

Behaviourist Approach in Philosophy of Education

In contrast to the progressive approach, the behaviourist perspective on education emphasizes the importance of observable behaviours and the role of environmental factors in shaping learning outcomes (Heward 2022). Influential behaviourist thinkers, such as B.F. Skinner and Edward Thorndike, argue that learning is primarily a process of stimulus-response conditioning, where desired behaviours are reinforced through the use of rewards and punishments. Within the behaviourist framework, the teacher is viewed as the primary agent responsible for directing and controlling the learning process (Strike, 2020). Instruction is typically structured around the mastery of specific skills and knowledge, with a focus on teacher-led activities, drill-and-practice exercises, and the measurement of observable student performance. According to Melrose et al., (2019), proponents of the behaviourist approach contend that this model of education promotes efficiency, accountability, and the achievement of predetermined learning outcomes. By establishing clear performance objectives and implementing systematic methods of instruction and assessment, behaviourist-inspired educational practices aim to maximize student learning and mastery of

the curriculum. Vargas, (2017) emphasizes that B.F. Skinner is one of the most influential figures associated with the behaviourist approach. In his work, "The Behaviour of Organisms" and "Beyond Freedom and Dignity," Skinner proposed that behaviour is determined by its consequences. He developed the theory of operant conditioning, which posits that behaviours are strengthened or weakened depending on the consequences that follow them. Furthermore, the behaviourist approach in the philosophy of education offers a framework for understanding how behaviour can be systematically shaped through environmental stimuli and reinforcement. While behaviourist principles have been applied in various educational contexts, they have also been subject to critique for their mechanistic view of human behaviour and limited focus on internal cognitive processes (Moore, 2011). As educators continue to explore different approaches to teaching and learning, the behaviourist perspective remains an important lens through which to understand the role of external factors in influencing learning outcomes (Garrison, 2018).

Synthesizing of Progressive and Behaviourist Approaches in Philosophy of Education

In recent decades, educators and researchers have made attempts to synthesize elements of the progressive and behaviourist philosophies to develop more holistic and effective approaches to teaching and learning (Spurgeon, 2019). These integrated frameworks aim to leverage the strengths of both perspectives while addressing their respective limitations. Furthermore, one such approach is the Direct Instruction model, which combines explicit, teacher-directed instruction with opportunities for hands-on, inquiry-based learning (Walter, 2009). This model emphasizes clear, structured lessons that build upon students' prior knowledge and skills, while also incorporating opportunities for active exploration, problem-solving, and collaborative learning. Another example is the Gradual Release of Responsibility (GRR) framework, which guides teachers in transitioning from direct instruction to student-centred learning (Fuentes, 2024). The GRR model involves a gradual shift in the locus of control, where the teacher initially provides high levels of support and guidance, gradually releasing responsibility to students as they develop the necessary skills and confidence to work independently. In addition, while the progressive approach emphasizes student-centred learning, critical thinking, and experiential learning, and the behaviourist approach focuses on structured instruction, reinforcement, and observable behaviours, the synthesis of these approaches aims to create a dynamic and effective learning environment (Gielen, 2020). Integrative models like Direct Instruction and GRR aim to harness the strengths of both perspectives, such as the importance of teacher-led instruction, the value of active, experiential learning, and the role of reinforcement and feedback in shaping student behaviours and achievement (Cannon et al., 2021).

Humanistic Learning Theory Integration in Philosophy of Education

Humanistic learning theory serves as a cornerstone guiding the integration of progressive and behaviourist approaches in education. Rooted in the philosophical works of existentialists such as Abraham Maslow and Carl Rogers, humanistic theory places paramount importance on individual agency, self-actualization, and intrinsic motivation in the learning process. At its core, humanistic learning theory posits that learners are inherently motivated to pursue growth, fulfillment, and self-discovery, thus advocating for pedagogical practices that honour and nurture the holistic development of the individual (Bereiter, 2018; Hlebowitsh, 2019). Central to humanistic learning theory is the concept of self-actualization, a process by which individuals strive to realize their fullest potential and achieve a state of psychological wholeness and fulfillment. According to Maslow's hierarchy of needs, self-actualization represents the pinnacle of human development, encompassing the realization of one's talents, aspirations, and innermost desires. In the educational context, the promotion of self-actualization entails creating learning environments that foster autonomy, self-expression, and authentic engagement, empowering students to pursue their passions, explore their interests, and chart their own pathways to growth and self-fulfillment (Cooper, 2018). Furthermore, humanistic learning theory emphasizes the importance of student-centred pedagogy, which prioritizes the individual needs, interests, and experiences of learners.

Unlike traditional, teacher-centred approaches, student-centred pedagogy places learners at the forefront of the educational process, encouraging active participation, self-directed inquiry, and collaborative learning. By providing students with opportunities for choice, autonomy, and reflection, educators can create learning environments that foster intrinsic motivation, curiosity, and a lifelong love of learning (Ashworth et al., 2019). Humanistic learning theory provides a robust foundation for the integration of progressive and behaviourist approaches in education. By emphasizing the importance of individual agency, self-actualization, and intrinsic motivation, humanistic theory informs pedagogical practices that prioritize student-centredness, autonomy, and authentic engagement, thereby fostering optimal learning experiences and holistic development among learners (Uys, 2018).

Integrating Social Cognitive Theory in Philosophy of Education

According to Silcock (2023), social cognitive theory, developed by Albert Bandura, constitutes a pivotal synthesis of progressive and behaviourist strategies in education. Social cognitive theory highlights the reciprocal interaction between cognitive processes, environmental factors, and behaviour, underscoring the role of observational learning, modeling, and self-regulation in shaping behaviour and learning outcomes.

At the heart of social cognitive theory is the concept of observational learning, which posits that individuals learn by observing the actions, behaviours, and consequences of others. Through the process of modelling, learners acquire new knowledge, skills, and behaviours by observing and imitating the actions of role models and peers in their social environment. By providing opportunities for observational learning and modelling, educators can facilitate the acquisition and mastery of complex skills and competencies, thereby enhancing student learning and performance (Danner & Felicia, 2022).

Furthermore, social cognitive theory emphasizes the importance of self-regulation and self-efficacy in the learning process. Self-regulation refers to the ability to monitor, control, and regulate one's own thoughts, emotions, and behaviours in pursuit of academic goals and objectives. By fostering self-regulatory skills such as goal-setting, planning, and self-reflection, educators can empower students to take ownership of their learning process, set challenging goals, and persist in the face of obstacles and setbacks.

Social cognitive theory offers a comprehensive theoretical framework for understanding and facilitating the learning process. By highlighting the reciprocal interaction between cognitive processes, environmental factors, and behaviour, social cognitive theory informs pedagogical practices that emphasize observational learning, modelling, and self-regulation, thereby enhancing student engagement, motivation, and academic achievement in diverse educational contexts (Searle, 2022).

Critiques and Challenges of Progressive and Behaviourist Approaches

Exploring the discourse surrounding the synthesis of progressive and behaviourist approaches in the philosophy of education, it becomes evident that both paradigms are subject to critiques and challenges. Progressive education, with its emphasis on student autonomy and experiential learning, has been scrutinized for potentially sacrificing academic rigour and perpetuating educational inequality (Carr & Bailey, 2021). Conversely, behaviourist methodologies, characterized by their focus on observable behaviour and reinforcement techniques, have faced criticism for neglecting higher-order thinking skills and failing to accommodate individual differences among learners (Volkmer et al., 2022).

One significant critique of progressive education lies in its perceived lack of structure and academic rigour, which may result in educational outcomes that fall short of desired standards (Vargas, 2017). Moreover, concerns persist regarding the potential exacerbation of educational inequalities, as progressive methods may inadvertently privilege students with greater access to resources and support (Howlett 2022). On the other hand, behaviourist approaches have been faulted for their tendency to prioritize rote

memorization over critical thinking skills, potentially hindering students' ability to engage deeply with academic content. Additionally, the reliance on extrinsic motivation mechanisms, such as rewards and punishments, has raised apprehensions about the development of passive learning attitudes among students.

Integrating these contrasting paradigms poses several challenges, stemming from their divergent epistemological foundations and pedagogical orientations. Epistemologically, progressive and behaviourist philosophies diverge in their conceptions of knowledge and learning, presenting inherent tensions in attempts to reconcile their principles.

Furthermore, the practical implementation of an integrated approach requires educators to navigate complex pedagogical dynamics, balancing the promotion of student autonomy with the need for structured instructional practices (Musyarapah, 2017). Addressing these critiques and challenges necessitates a nuanced understanding of the underlying principles and practical implications of both progressive and behaviourist approaches. Efforts to synthesize these paradigms must consider not only theoretical frameworks but also the contextual realities of educational settings. By acknowledging the limitations of each approach and leveraging their respective strengths, educators can forge a more holistic and responsive philosophy of education that prioritizes both student agency and academic excellence.

Implications for Educational Practice and Pedagogy

In examining the implications for educational practice and pedagogy arising from the synthesis of progressive and behaviourist approaches, it becomes crucial to consider how theoretical insights can be translated into actionable strategies in the classroom. This synthesis offers an opportunity to capitalize on the strengths of both paradigms while mitigating their respective weaknesses, ultimately fostering a more inclusive and effective learning environment.

One key implication involves the adoption of a student-centred approach that integrates elements of both progressive and behaviourist philosophies. By empowering students to take ownership of their learning through experiential activities and inquiry-based projects, educators can capitalize on the principles of progressive education while ensuring that learning objectives are clearly defined and scaffolded to support student success (Ilyas et al., 2023). Concurrently, the incorporation of behaviourist techniques, such as positive reinforcement and structured feedback, can provide essential support mechanisms to motivate and guide student learning (Gielen, 2020).

Furthermore, the synthesis of progressive and behaviourist perspectives encourages educators to adopt a differentiated instructional approach that recognizes and accommodates diverse learning needs and preferences. By leveraging progressive methods to foster student engagement and autonomy, educators can create a flexible learning environment that allows for individualized pacing and pathways. At the same time, behaviourist strategies, such as targeted interventions and data-driven instruction, enable educators to identify and address learning gaps effectively (Danner & Felicia, 2022).

Additionally, the integration of progressive and behaviourist approaches underscores the importance of cultivating a supportive and inclusive classroom culture that promotes collaboration, critical thinking, and empathy. By fostering a sense of belonging and mutual respect among students, educators can create an environment conducive to risk-taking and exploration, essential components of both progressive and behaviourist learning theories. Moreover, the promotion of social-emotional learning competencies, such as self-regulation and interpersonal skills, can enhance students' overall well-being and academic achievement (Searle, 2022).

Conclusion and Recommendations

In conclusion, this research contributes to the ongoing discourse on educational philosophy and pedagogy by exploring the synthesis of progressive and behaviorist approaches in education. By identifying commonalities, challenges, and pedagogical strategies associated with this integration, the study offers insights into effective educational practices that promote holistic student development. The synthesis of progressive and behaviourist approaches in education holds significant role for pedagogical practice, emphasizing the importance of a balanced and flexible approach that prioritizes student agency, academic rigour, and socio-emotional development. By leveraging the complementary strengths of both paradigms, educators can create a dynamic and responsive learning environment that equips students with the knowledge, skills, and dispositions needed to thrive in an ever-changing world. Recommendations for educators, policymakers, and researchers include fostering interdisciplinary collaboration, providing professional development opportunities, and promoting reflective teaching practices to support the implementation of integrated pedagogical approaches in diverse educational contexts.

***George Chizoba Okpara**

Department of Educational Foundations
Nnamdi Azikiwe University Awka

****Dr Abiakwu, Onyinyechi Felicity**

Department of Educational Foundations
Nnamdi Azikiwe University Awka

*****Dr Greg Ekeh**

Department of Educational Foundations
Nnamdi Azikiwe University Awka

******Rev Fr Dr Ezeanolue Aloysius O.**

Department of Educational Foundations
Nnamdi Azikiwe University Awka
Tel: 07061888431

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