Reviving Indigenous Knowledge through Apprenticeship: The Role of Cultural Heritage in the Decolonization of Education and Skills Training.

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Abstract

This paper explores the vital intersection of indigenous knowledge systems, apprenticeship, and cultural heritage in the broader movement toward the decolonization of education and skills training. Colonial legacies have long marginalized traditional learning models, often devaluing indigenous practices in favor of Western-centric education. However, apprenticeship as a culturally rooted, experience-based form of knowledge transfer offers a viable pathway for reclaiming and revitalizing indigenous knowledge systems. By examining how traditional apprenticeships embody local values, practices, and worldviews, this paper argues that such systems not only preserve cultural heritage but also foster community-based education that is responsive to local realities. Drawing on case studies, ethnographic insights, and historical perspectives, the paper highlights how integrating indigenous apprenticeship models into contemporary education can promote self-reliance, cultural pride, and sustainable development. Ultimately, it advocates for a decolonized educational framework that recognizes and elevates indigenous methods of teaching and learning as essential to both cultural survival and societal progress.

Key words: *Decolonization, Apprenticeship, Indigenous Knowledge, Cultural Heritage*

Introduction

Indigenous knowledge systems have historically been integral to African societies, serving as the foundation for education, cultural identity, and community cohesion. Education, according to Mandela is the most powerful weapon which you can use to change the world (Mandela, 2019). These systems, transmitted through oral traditions, observation, and apprenticeship, encompass a wide range of disciplines, including agriculture, medicine, governance, and craftsmanship. Apprenticeship, in particular, has been a cornerstone of indigenous education, facilitating the transfer of skills and cultural values across generations.

However, the advent of colonialism disrupted these indigenous educational models. Colonial powers imposed Western-centric curricula that often marginalized or dismissed local knowledge systems. According to Qinjano (2020) this imposition led to a form of "coloniality of knowledge," where Western epistemologies were deemed superior and indigenous ways of knowing were devalued or erased. The legacy of this epistemic dominance persists in many African educational institutions, where curricula continue to reflect colonial ideologies, often at the expense of local contexts and needs. Grosfoguel (2013) further expanding on this concept, explored how Western-centric curricula continue to dominate educational institutions, often at the expense of indigenous knowledge systems.

In response to these challenges, there is a growing movement advocating for the decolonization of education in Africa. This movement emphasizes the integration of indigenous knowledge systems into formal education to create curricula that are more relevant and empowering for African learner (Kugara & Mdhluli, 2023). Ghana's first president, Kwame Nkrumah, emphasized the importance of education in achieving true independence. He believed that political freedom must be accompanied by mental emancipation, which could be achieved through an education system rooted in African culture and values. Nkrumah advocated for curricula that promote African history, languages, and philosophies to foster a sense of identity and self-reliance (Ugwuja & Ogugua, 2024)). In line with the above assertion Lumumba argues that many African curricula remain rooted in colonial frameworks, failing to address the continent's unique challenges and potentials. Lumumba emphasizes the need to revamp educational content to reflect African realities, cultures, and aspirations. Reviving traditional apprenticeship models is seen as a vital component of this decolonization process. Such models not only preserve cultural heritage but also provide practical skills and foster a sense of identity and community belonging. Ezeanya-Esiobu, (2017) maintains that acknowledging and utilizing

indigenous knowledge can unleash suppressed creativity and innovation in Africa and traditional knowledge systems are vital for sustainable development and should be incorporated into formal education and policy-making. Lumumba's call to action encourages a return to indigenous knowledge systems and the development of education that empowers African learners (Lumumba, 2023).

Furthermore, philosophies like Ubuntu, Umunna bu ike offer valuable frameworks for reimagining education in Africa. Ubuntu and Umunna bu ike emphasizes communal relationships, mutual respect, and the interconnectedness of all individuals, aligning well with the principles of indigenous education. By embracing these philosophies and practices, African education systems can move towards more holistic and culturally affirming approaches. This study aims to explore the potential of reviving indigenous apprenticeship systems as a means to decolonize education and skills training in Africa. It will examine how integrating cultural heritage into educational frameworks can address the shortcomings of colonial legacies and contribute to the development of more inclusive and contextually relevant learning environments.

The Role of Cultural Heritage in Decolonized Education

Embedding Cultural Practices in Curriculum and Skills Training

Integrating cultural practices into curriculum and skills training is increasingly recognized as a vital strategy for making education more relevant, inclusive, and responsive to local realities. In Nigeria and other African contexts, embedding indigenous knowledge and cultural values within formal education and vocational programs promotes identity, community resilience, and sustainable development. Education that reflects learners' cultural backgrounds enhances their sense of belonging and self-worth. Embedding indigenous languages, folklore, crafts, and communal values into the curriculum supports identity formation and increases student engagement (Nwosu, 2022). It allows learners to see themselves reflected in what they learn, fostering pride in their heritage. Likewise, skills training informed by traditional practices—such as local agriculture, weaving, pottery, and oral storytelling can bridge the gap between formal education and the informal economy. According to Okafor and Adejumo (2021), contextualized training equips learners with practical knowledge relevant to their communities, making them more employable and entrepreneurial.

Far beyond the above, one major challenge is aligning indigenous content with national education standards and certification frameworks. Many curricula remain heavily Westernized, with little room for local content. Moreover, policymakers often lack the political will or capacity to implement culturally responsive pedagogy at scale (Ezeokoli & Osagie, 2023). Furthermore, many educators are not trained to deliver culturally embedded content effectively and there is also a scarcity of instructional materials that reflect indigenous knowledge systems, especially in rural and marginalized areas (Adebayo, 2023). Professional development and curriculum redesign are therefore crucial and imminent.

Cultural Identity and Educational Empowerment

Cultural identity refers to the sense of belonging to a particular group based on shared language, traditions, values, and customs. When education reinforces cultural identity, it empowers learners by affirming their heritage and encouraging critical thinking rooted in their lived experiences. This approach strengthens individual and collective agency, particularly in diverse societies like Nigeria. More so, it brings affirmation of heritage and self-worth through embedding cultural elements in education which helps students develop a strong sense of self and pride in their background. This affirmation is crucial for educational empowerment, as learners who see their culture valued in school are more likely to engage, achieve, and contribute meaningfully to society (Ogunyemi, 2022). Cultural relevance in education boosts confidence and counters the effects of historical marginalization. To achieve this, it demands critical thinking and local problem-solving that involves education that connects learners to their cultural roots which fosters critical thinking through indigenous frameworks. It allows students to draw from their traditions to address modern challenges, thereby promoting locally relevant innovation and leadership (Chikwendu & Adebanjo, 2021). This will help to counter cultural erosion and western bias and controls western-dominated curricula often exclude indigenous knowledge systems, leading to alienation and cultural erosion. Restoring cultural identity in education helps resist these biases and fosters a pluralistic, inclusive knowledge system that respects diversity (Usman & Okoye, 2023). Furthermore, pathway to social and economic empowerment is by embedding local values, languages, and practices, education becomes a tool for community development. Empowered learners are more likely to participate in civic life,

uphold cultural continuity, and pursue entrepreneurship grounded in local realities (Edewor, 2023).

Understanding Decolonization in Education

Decolonization in education refers to the process of dismantling colonial structures, ideologies, and power relations embedded in educational systems, curricula, and pedagogical practices. It involves critically interrogating the dominance of Western epistemologies and advocating for the inclusion and validation of indigenous, local, and historically marginalized ways of knowing (Sium, Desai, & Ritskes, 2012; Andreotti et al., 2015). Lumumba (2023) advocates for the decolonization of African education, he emphasizes the need to revamp curricula to reflect African realities and values. He argues that many African education systems remain rooted in colonial frameworks, which do not serve the continent's current needs. This process is not simply about adding indigenous content to the curriculum but transforming the very foundations of education to reflect diverse epistemologies, languages, and cultural contexts.

Post-colonial societies continue to grapple with education systems that reflect colonial legacies, including Eurocentric content, language hierarchies, and assessment models that marginalize non-Western knowledge systems (Chikoko & Mtonjeni, 2019). These systems often perpetuate forms of epistemic violence by positioning indigenous knowledge as inferior or irrelevant (Ndlovu-Gatsheni, 2018). Decolonization, therefore, calls for a reorientation that challenges the assumption that Western knowledge is universal and neutral, advocating instead for pluriversality the coexistence of multiple valid ways of knowing (Mignolo & Walsh, 2018).

Key to this transformation is the recovery and revitalization of indigenous education systems, including traditional apprenticeship, oral histories, and community-based learning. These practices are rooted in local experiences and cultural heritage and offer contextually relevant methods of teaching and learning (Smith, Tuck, & Yang, 2019). Moreover, decolonizing education is not just a theoretical endeavor but a political and ethical project aimed at restoring agency, dignity, and sovereignty to historically marginalized communities.

Efforts to decolonize education must also involve reimagining the role of educators and institutions. Teachers are called upon to become critical facilitators who acknowledge and respect learners' cultural backgrounds and promote inclusive, dialogic learning environments (Zembylas, 2020). Institutions, on the other hand, must engage in structural change—revising

curricula, diversifying faculty, and forming partnerships with indigenous communities to co-create knowledge. In sum, understanding decolonization in education requires a multidimensional approach that transcends symbolic inclusion and moves toward epistemic justice, pedagogical transformation, and cultural resurgence. It is through this lens that the integration of indigenous knowledge and apprenticeship into mainstream education becomes a vital component of educational equity and social transformation.

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Defining Indigenous Knowledge Systems

Indigenous Knowledge Systems (IKS) refer to the complex set of knowledge, skills, philosophies and practices that are developed and sustained by indigenous peoples and local communities over generations through direct interaction with their environment and cultural contexts. Unlike

Western scientific knowledge, which often emphasizes objectivity and universality, IKS are embedded in the lived experiences, languages, rituals, and belief systems of specific communities and are transmitted orally and experientially through storytelling, observation, apprenticeship, and communal participation (Boisselle, 2021; Chilisa, 2019). Characterized by their holistic, relational, and intergenerational nature, Indigenous Knowledge Systems emphasize interconnectedness between *humans, nature, the spiritual world, and the cosmos*. This knowledge is not compartmentalized but rather integrative, *encompassing agriculture, medicine, ecology, governance, education, and spirituality* in ways that are adapted to local environments and sustainable over time (Kaya & Seleti, 2021). For instance, among many African, Latin American, and Indigenous Australian communities, traditional apprenticeship systems serve as a key mechanism for the transmission of technical and ethical knowledge, emphasizing hands-on learning and social responsibility.

While IKS have historically been dismissed as unscientific or anecdotal by colonial and Western paradigms, recent scholarship emphasizes their epistemic value, adaptability, and potential contributions to contemporary global challenges, including climate change, biodiversity conservation, and sustainable development (Kovach, 2021; Dei, 2018). Importantly, defining IKS also involves acknowledging the power dynamics of knowledge production. As Battiste (2019) argues, indigenous knowledge cannot be fully understood or respected within frameworks that continue to marginalize or commodify it without community consent or cultural integrity. IKS are context-dependent and dynamic, they evolve in response to new experiences and environmental changes while remaining grounded in core cultural values. This adaptability challenges stereotypes of indigenous knowledge as static or archaic, positioning it instead as a living and evolving system that can coexist with and complement scientific knowledge in meaningful and ethical ways (Nakata, 2020). Therefore, recognizing and defining IKS is not only a scholarly exercise but also a political act of validation and resistance against centuries of epistemic colonization.

The Role and Structure of Traditional Apprenticeship

Traditional apprenticeship represents a foundational system of skills transfer, cultural continuity, and socialization within many indigenous and local communities. Unlike formal education systems modeled on Western paradigms, traditional apprenticeships are deeply rooted in cultural

contexts and are designed to transmit practical knowledge, ethical values, and community-based norms across generations through observation, imitation, participation, and mentorship (Okolie et al., 2020; Aina & Salaudeen, 2019). These systems prioritize experiential learning and emphasize the development of both technical and moral competencies necessary for effective societal functioning.

The role of traditional apprenticeship extends beyond economic empowerment. It fosters identity formation, instills respect for cultural values, and preserves indigenous knowledge systems that might otherwise be eroded by globalization and formal schooling structures (Adegbite & Adebayo, 2021). For many communities in Africa, Asia, and Latin America, apprenticeship has historically been the primary mechanism for training in crafts, agriculture, herbal medicine, midwifery, blacksmithing, and other specialized vocations. It is a means of livelihood acquisition and intergenerational knowledge transfer that ensures both individual survival and cultural resilience (Boakye, 2022). Structurally, traditional apprenticeship is typically non-formal, community-based, and relational**.** It involves a long-term, immersive relationship between a master (or elder) and the apprentice, grounded in trust, discipline, and mutual obligation. Learning is scaffolded over time, beginning with basic observational roles and gradually progressing toward independent execution of tasks under supervision (Essien & Effiong, 2018). Assessment is continuous and informal, based on community approval, the master's evaluation, and the apprentice's ability to meet culturally defined standards of competence and integrity.

Importantly, traditional apprenticeship is integrative, meaning that technical knowledge is not separated from ethics, spirituality, and communal values. For instance, among the Yoruba in Nigeria or the Ashanti in Ghana, apprentices are expected to learn the customs, rituals, and belief systems that govern their crafts, ensuring that knowledge is applied responsibly and within appropriate cultural bounds (Adeniyi & Oguntona, 2020). This stands in contrast to the compartmentalization often found in Western-style education systems, which may neglect the socio-cultural context of learning. Despite its strengths, traditional apprenticeship systems face growing challenges due to urbanization, changing labor markets, and the dominance of formal education systems that marginalize indigenous modes of learning. Yet, recent scholarship and policy discussions have called for the recognition, revitalization, and integration of these systems

into broader frameworks of vocational and technical education as a pathway to inclusive, sustainable development (UNESCO, 2021).

Cultural Heritage as a Pedagogical Resource

Cultural heritage, encompassing tangible artifacts, oral traditions, rituals, knowledge systems, and social practices, serves as a powerful pedagogical resource that fosters identity, belonging, and holistic learning. As education systems worldwide strive for inclusivity and relevance, integrating cultural heritage into pedagogy provides a means of bridging formal learning with learners' lived experiences, especially in indigenous and marginalized communities (UNESCO, 2021; Adeola & Egbokhare, 2020). Pedagogically, cultural heritage enables the contextualization of knowledge, making learning more meaningful and situated. For example, according to Progressive Minds Show (PMS) in traditional African culture time is not what is measured by the ticking of the clock, it is something we felt, observed and aligned with. We didn't live by rigid schedules of time but by rhythm, the rhythm of the sun, seasons, the land and the community where moments were valued and not time. In many African societies time was measured in events like planting season, dawn and dusk, full moon, cock crow, the alignment of shadows on the ground, behavior of animals, the feel of the air, songs of birds, the position of the sun etc. and not by hours. This old connected intelligence is not lateness and primitive but profound and spiritual while Western time is mechanical. In African moment is sacred, for instance if you are having a conversation with an elder you don't rush it because of another appointment. Learners are better able to understand and apply concepts when they are connected to familiar cultural practices, local histories, and indigenous worldviews (Semali, 2019). For instance, storytelling, traditional songs, and craft-making can be incorporated into curricula to teach language, mathematics, science, and ethics, aligning educational content with learners' cultural environments (Kwayu et al., 2022).

Cultural heritage also promotes intergenerational knowledge transmission, a vital aspect of many indigenous educational systems. Elders, artisans, and cultural practitioners act as custodians and educators, offering insight into communal values, environmental stewardship, and resilience strategies, elements often absent in conventional textbooks (Yamada, 2021). In this way, cultural heritage becomes a conduit for decolonizing education by prioritizing indigenous epistemologies and valuing local ways of knowing as legitimate sources of learning.

Moreover, recognizing cultural heritage in education helps learners build a sense of pride and agency. When students see their culture reflected and respected in the classroom, it enhances their self-esteem, motivation, and engagement (Wane, 2020). This is especially critical in post-colonial contexts, where formal education has historically been used as a tool to alienate learners from their roots and promote Eurocentric ideals.

However, integrating cultural heritage into pedagogy is not without challenges. It requires careful negotiation of authenticity, intellectual property rights, and cultural sensitivity. Teachers must be trained not only to deliver content but to facilitate community involvement and critical dialogue around heritage practices (Chahine & Oyedeji, 2023). Additionally, educational policy frameworks must support such integration by decentralizing curricula and promoting culturally responsive methodologies.

In essence, cultural heritage is not merely a subject to be taught but a framework through which education can be reimagined—rooted in local realities, histories, and aspirations. Its use as a pedagogical resource contributes to inclusive, resilient, and decolonized education systems.

COLONIAL LEGACIES AND THE MARGINALIZATION OF INDIGENOUS LEARNING

Colonial education systems, established primarily during the 19th and 20th centuries by European imperial powers, played a crucial role in shaping postcolonial societies. One of the most profound impacts was the marginalization and erosion of indigenous knowledge systems. This process occurred through formal, institutionalized schooling that prioritized Western epistemologies, often to the exclusion—or outright denigration—of local knowledge, languages, and cultural practices.

The impact of colonial education systems on indigenous knowledge has been deep and enduring. By prioritizing Western epistemologies and denigrating local knowledge, colonial schooling contributed to cultural dislocation, linguistic erosion, and the marginalization of indigenous worldviews. However, contemporary movements toward decolonization signal a hopeful resurgence in the validation and revitalization of indigenous knowledge systems.

i) *Erosion of Indigenous Epistemologies*

Colonial education introduced curricula that largely ignored or devalued the indigenous ways of knowing and being. Education under colonial rule was designed to produce clerks, interpreters,

and low-level administrators who would serve the colonial administration (Rodney, 1972). In doing so, indigenous knowledge defined as the understandings, skills, and philosophies developed by societies with long histories of interaction with their natural surroundings was sidelined. The transmission of knowledge through oral traditions, rituals, apprenticeships, and communal practices was dismissed as primitive or unscientific (Dei, 2000).

Colonial schools enforced the dominance of European languages, particularly English, French, and Portuguese, which led to the suppression of indigenous languages and by extension, the knowledge embedded within them. As Ngũgĩ wa Thiong'o (1986) argues, language is a carrier of culture; when a language dies or is devalued, the worldview it carries is also diminished.

ii) Cultural Alienation and Identity Crisis

The colonial education system also contributed to a form of cultural alienation. Learners were taught to see their indigenous cultures as inferior and were encouraged to adopt Western modes of dress, religion, and thought. Fanon (1963) describes this as a psychological form of colonization, where the colonized internalize the superiority of the colonizer's culture and worldview. Consequently, generations of colonized peoples grew up disconnected from their own heritage and traditional knowledge systems.

iii) Loss of Ecological and Medicinal Knowledge

In many communities, indigenous knowledge includes rich understandings of biodiversity, sustainable agriculture, and traditional medicine. Colonial education systems, often aligned with colonial economic policies of extraction and exploitation, replaced sustainable indigenous practices with Western scientific methods and monoculture farming. This shift not only disrupted ecosystems but also led to the loss of locally adapted agricultural and medicinal knowledge (Battiste, 2005).

iv) *Resistance and Contemporary Reclamation*

Despite the overwhelming influence of colonial education, indigenous communities have resisted and continue to revitalize their knowledge systems. In the postcolonial era, there has been a growing movement toward the decolonization of education an effort to reinsert indigenous perspectives, languages, and epistemologies into formal schooling (Smith, 1999). Efforts include

integrating traditional ecological knowledge into environmental education, supporting indigenous language revival, and recognizing indigenous governance systems in academic discourse.

Displacement of Traditional Apprenticeship Models

Traditional apprenticeship systems have long served as effective mechanisms for skill transmission in many societies, particularly in Africa, Asia, and Latin America. These models typically involve informal, community-based training led by experienced craftspeople, embedded within the socio-cultural and economic realities of their environments. However, over the past several decades, these systems have increasingly been displaced by formal education systems, industrialization, globalization, and state-led vocational training initiatives.

The displacement of traditional apprenticeship models reflects broader socio-economic and policy shifts but also underscores the need for a more inclusive approach to skills development. Rather than replacing traditional systems entirely, policymakers and educators should consider ways to integrate their strengths: contextual relevance, affordability, and cultural depth, into broader education and training ecosystems.

i) Nature and Significance of Traditional Apprenticeship

Traditional apprenticeship is characterized by personalized, hands-on learning within real work environments, often devoid of formal certification but rich in contextual knowledge, tacit skills, and social values (Azevedo et al., 2022). These systems have historically contributed significantly to youth employment, entrepreneurship, and the preservation of cultural crafts and trades. In Nigeria, for example, the *Igbo apprenticeship system*—often cited as one of the most structured indigenous economic models has empowered thousands of young people to become successful entrepreneurs without relying on formal education (Meagher, 2020). Similar models exist across Ghana (the *Kayayei* system), India (*guru-shishya*), and Kenya (*Jua Kali* sector).

ii) Factors Leading to Displacement

Formalization and Westernization of Education:

The introduction and prioritization of formal schooling, especially during the colonial and post-

independence periods, led to a cultural shift that often portrayed traditional apprenticeship as inferior, unscientific, or backward. This perception continues in many education systems today, where vocational education is seen as a "last resort" (Allais, 2020).

Urbanization and Technological Change:

As urban economies expand and technology evolves rapidly, many traditional trades (e.g., blacksmithing, basket weaving) are being replaced by industrial production or digital alternatives. This shift has reduced the relevance of some traditional skills, making them less attractive to the youth (World Bank, 2023).

Government Policies and Donor Interventions:

In many developing countries, government-sponsored Technical and Vocational Education and Training (TVET) programs are promoted over informal apprenticeships. While these programs aim to standardize and certify skills training, they often lack alignment with local economic contexts and job markets, leading to limited employability (UNESCO-UNEVOC, 2021).

Lack of Legal Recognition and Support:

Traditional apprenticeships typically operate informally, with no legal contracts, labor protections, or state oversight. This lack of formal recognition has excluded them from public funding, social protections, and partnerships with industry (Palmer, Wedgwood & King 2019). In contrast, formal TVET programs receive institutional support, thus drawing attention and resources away from traditional models.

iii) Consequences of Displacement

The displacement of traditional apprenticeships has resulted in several socio-economic implications:

Loss of Indigenous Skills and Cultural Knowledge: Traditional apprenticeships are deeply tied to cultural heritage. Their decline leads to the erosion of indigenous knowledge systems and identity (Boateng, 2022).

Youth Unemployment: Despite the growth of formal education systems, many young people in Africa and South Asia remain unemployed or underemployed. Traditional apprenticeship, which once absorbed many school dropouts or those outside the formal sector, is no longer as robust (ILO, 2021).

Skills Mismatch: Modern vocational programs often fail to align with market needs, whereas traditional apprenticeships are inherently demand-driven, preparing learners directly for specific trades and entrepreneurial ventures (World Bank, 2023).

iv) Emerging Opportunities and Hybrid Models

Recent trends show a renewed interest in integrating traditional apprenticeship models with modern systems. Hybrid frameworks that formalize traditional practices through certification, improved working conditions, and linkages with industries are being explored (Oketch, 2021). Countries like Ghana and Nigeria are working to incorporate elements of informal apprenticeship into national qualifications frameworks, aiming to preserve cultural relevance while enhancing quality and mobility.

Cultural Erosion and Identity Crisis

Cultural erosion refers to the gradual loss of traditional customs, values, languages, and practices due to external influences such as globalization, colonialism, modern technology, and urbanization. This process often leads to an identity crisis, where individuals or groups struggle to reconcile their traditional heritage with contemporary societal norms. In many societies, especially in Africa, cultural erosion has weakened indigenous institutions, diminished native languages, and reduced the relevance of traditional knowledge systems (Okonkwo, 2017). An identity crisis emerges when people, particularly youths, lose connection with their cultural roots and adopt foreign ways of life, resulting in confusion, low self-esteem, and a lack of direction. The influence of Western media and education systems often promotes foreign ideals at the expense of local values, leading to a detachment from one's original cultural identity (Edewor, 2014). As a result, communities face challenges in preserving their cultural uniqueness, and the younger generation grows up with a diluted sense of identity. Efforts to counter cultural erosion

require the promotion of indigenous languages, integration of cultural education in school curricula, and the protection of cultural heritage through policy and community engagement.

Reviving Indigenous Apprenticeship Models

Here is an explanation of African case studies of effective indigenous apprenticeship practices**,** focusing on how these systems have sustained livelihoods, supported economic development, and preserved cultural identity:

1. The Igbo Traditional Apprenticeship System (Igba Boi) – Nigeria

Overview

The Igbo people of southeastern Nigeria have one of the most recognized and structured indigenous apprenticeship systems in Africa, known as *"Igba Boi"*. This system is primarily used to teach young people trades and business skills through long-term practical engagement with a master or business owner (Oga).

Key Features

*Voluntary commitment**:*** The apprentice agrees to stay with the master for 5 to 7 years, learning a particular trade (e.g., electronics, spare parts, textiles).

Learning by doing: Skills are taught informally through direct participation in day-to-day business activities.

Settlement system: At the end of the apprenticeship, the master "settles" the apprentice with financial capital or business support to start their own venture.

Social contract: The system is based on trust, mutual benefit, and community endorsement.

Effectiveness

- Has produced generations of successful entrepreneurs.
- Facilitates economic self-reliance and social mobility, especially in urban centers like Onitsha and Aba.
- Fosters a culture of mentorship**,** trust, and responsibility.

2. Mijikenda Apprenticeship in Woodcarving – Kenya

Overview

Among the Mijikenda people along the Kenyan coast, traditional apprenticeship in woodcarving and craft production has been an essential part of cultural expression and livelihood.

Key Features

- Learning happens through apprenticeship to master carvers in workshop settings.
- Skills taught include carving techniques, symbolic design, and use of local tools and materials.
- The apprentice also learns the cultural meanings and rituals behind each carved object (e.g., *vigango* ancestor figures).

Effectiveness

- Serves both economic (tourism and export) and cultural preservation purposes.
- Many apprentices become independent artisans or workshop owners.
- Strengthens identity and intergenerational ties.

3. Ashanti Apprenticeship in Kente Weaving Ghana

Overview

In Ghana, particularly among the Ashanti and Ewe people, Kente weaving is a prestigious indigenous skill passed down through generations using traditional apprenticeship systems.

Key Features

Young boys and sometimes girls are apprenticed to master weavers from a young age.
They learn through observation, repetition, and hands-on practice on wooden looms.
The apprenticeship includes learning symbolism behind patterns and ritual significance of colors.

Effectiveness

-Maintains the continuity of cultural heritage.
-Provides income and employment in both rural and urban settings.
-Supports tourism and export markets, contributing to the local economy.

4. Hausa Leatherworking Apprenticeship Northern Nigeria and Niger

Overview

The Hausa people have long practiced apprenticeship in leatherworking, producing shoes, bags, and decorative items. Kano in Nigeria and Zinder in Niger are historical hubs of this trade.

Key Features

-Apprenticeships start from a young age under the guidance of a leatherworking master.
-Skills include tanning, dyeing, stitching, and ornamental design.
-Entire production processes are localized, with materials sourced and processed within the region.

Effectiveness

-Generates self-employment in local markets.
-Protects indigenous knowledge and craft techniques.
-Connects youth to cultural roots and entrepreneurial paths.

Common Characteristics of African Indigenous Apprenticeship Systems

Feature	Description
Informal but structured	Operates outside of formal education systems, yet follows a clear process.
Community-based learning	Tied to family, ethnic groups, and local economies.
Mentorship-driven	Elder or skilled master passes down knowledge to apprentice.
Culturally embedded	Skills are often tied to rituals, beliefs, and social identity.
Low-cost and accessible	Open to youth regardless of formal education background.

Indigenous Knowledge and Community-Based Transmission

Indigenous knowledge (IK) refers to the unique, traditional, and local knowledge developed over centuries by communities through direct interaction with their environment. It encompasses practical skills, cultural values, ecological wisdom, and social systems that are vital for community resilience and sustainable development (Chilisa et al., 2021). This body of

knowledge is often transmitted through generations via oral traditions, storytelling, apprenticeships, rituals, and communal practices. The role of communities in preserving and transmitting indigenous knowledge is paramount. Community elders, traditional leaders, and practitioners serve as custodians of this knowledge, ensuring its continuity and relevance in contemporary times. Through active community participation, such knowledge is not only passed down but adapted to meet new challenges, such as climate change, food insecurity, and health crises (Ajayi & Olayemi, 2022).

Recent research highlights the growing importance of integrating indigenous knowledge into formal systems of education, environmental management, and public policy. According to Okonkwo and Udechukwu (2023), incorporating IK into local development initiatives enhances contextual relevance, community ownership, and long-term sustainability. For instance, traditional farming methods and medicinal practices have proven effective in contexts where modern interventions are either inaccessible or culturally inappropriate. Moreover, indigenous knowledge systems are inherently holistic and community-centered, emphasizing harmony with nature, collective responsibility, and ethical conduct. These values provide alternative worldviews that challenge the often exploitative tendencies of modern development paradigms (Moyo & Banda, 2020). As such, there is a growing call for the recognition and protection of indigenous knowledge through legal, institutional, and technological frameworks.

The digital age presents both opportunities and challenges for indigenous knowledge transmission. While digital platforms like community radio, social media, and mobile apps offer new ways to document and share IK, there is also a risk of misappropriation, distortion, and loss of cultural integrity. Therefore, digital initiatives must be inclusive, culturally sensitive, and controlled by the communities themselves (Nwachukwu & Ibrahim, 2024). Be that as it may, indigenous knowledge is a critical asset for sustainable development, social identity, and cultural continuity. Empowering communities to safeguard and share their knowledge strengthens not only local capacities but also enriches global efforts to build resilient and inclusive societies.

Conclusion

Reviving indigenous knowledge through apprenticeship presents a transformative pathway for decolonizing education and skills training in Africa and other post-colonial societies. By integrating cultural heritage into learning systems, communities can reclaim ownership of their

developmental narratives, foster identity formation, and promote sustainable, context-relevant skills acquisition. This approach emphasizes the value of experiential, intergenerational learning rooted in local practices, philosophies, and socio-economic realities. Ultimately, decolonizing education requires a paradigm shift one that validates indigenous epistemologies alongside formal schooling, and positions apprenticeship as a vital bridge between tradition and innovation.

The revival of indigenous knowledge systems through apprenticeship fosters cultural pride and reconnects learners with their heritage, countering the colonial legacy that devalued local knowledge and practices. Traditionally, apprenticeship is rooted in community, mentorship, and experiential learning and is presented as a practical and culturally relevant alternative to Eurocentric formal education models. It supports skill acquisition while preserving cultural values. Indigenous crafts, languages, rituals, and ecological knowledge should not just be preserved but actively embedded in education and training. This reinforces the cultural context of learning and aligns it with community realities Finally, reviving apprenticeship and cultural heritage in education resists the continued erosion of indigenous identities caused by globalization and Western-dominated education paradigms.

Recommendation:

To effectively revive indigenous knowledge through apprenticeship and harness cultural heritage for the decolonization of education and skills training, policymakers, educators, and community leaders should:

1) Integrate Indigenous Knowledge into Curricula: Develop policies that embed indigenous languages, crafts, histories, and environmental practices into formal and non-formal education systems.

2) Support Community-Based Apprenticeship Programs: Invest in apprenticeship models that are rooted in local traditions and led by community elders and indigenous knowledge holders.

3) Recognize and Certify Indigenous Skills: Establish frameworks for accrediting skills acquired through traditional apprenticeship to enhance their legitimacy and economic value in modern labor markets.

4) Foster Intergenerational Learning: Create platforms that encourage mentorship between elders and youth, ensuring the continuity and relevance of indigenous knowledge.

5) Promote Collaborative Research and Documentation: Encourage the documentation, preservation, and respectful sharing of indigenous practices through partnerships between academic institutions and local communities.

References

Aina, O., & Salaudeen, A. T. (2019). Revitalizing indigenous apprenticeship for national development in Nigeria. *Journal of Educational Review*, 12(1), 56–68.

Adebayo, A. O. (2023). Teachers' Readiness for Implementing Indigenous Content in Basic Education Curriculum in Southwest Nigeria. *Journal of Curriculum and Teaching,* 12(1), 79–91.

Adegbite, A. A., & Adebayo, A. A. (2021). Traditional apprenticeship system and youth unemployment in Nigeria. *Journal of Vocational Education & Training*, 73(3), 409–425. https://doi.org/10.1080/13636820.2020.1751080

Adeniyi, A. G., & Oguntona, C. R. B. (2020). Indigenous knowledge systems and the informal apprenticeship model in Nigeria: A cultural resource for skills development. *African Journal of Indigenous Knowledge Systems*, 19(2), 100–114.

Adeola, A. M., & Egbokhare, F. O. (2020). Cultural heritage, indigenous knowledge systems and sustainable development in Africa. *African Journal of Sustainable Development*, 10(2), 117–131. https://doi.org/10.4314/ajsd.v10i2.9

Ajayi, T., & Olayemi, S. (2022). *Community engagement and sustainable development in sub-Saharan Africa*. African Journal of Development Studies, 17(2), 145–159. https://doi.org/10.4314/ajds.v17i2.9

Allais, S. (2020). Skills for industrialization in sub-Saharan Africa: Possibilities for structural transformation? *Journal of Vocational Education & Training, 72(2), 181–198. https://doi.org/10.1080/13636820.2019.1635634*

Andreotti, V., Stein, S., Ahenakew, C., & Hunt, D. (2015). Mapping interpretations of decolonization in the context of higher education. *Decolonization: Indigeneity, Education & Society*, 4(1), 21–40. https://decolonization.org/index.php/des/article/view/22170

Azevedo, J. P., et al. (2022). Informal apprenticeship: Understanding the strengths of traditional training systems in Africa. *World Bank Group. https://documents.worldbank.org*

Battiste, M. (2013). *Decolonizing education: Nourishing the learning spirit*. Purich Publishing.

Battiste, M. (2019). *Reclaiming Indigenous voice and vision*. UBC Press.

Battiste, M. (2005). Indigenous knowledge: Foundations for first nations. *World Indigenous Higher Education Consortium Journal.*

Boakye, E. A. (2022). Indigenous apprenticeship and sustainable skills training: Insights from the Ghanaian informal sector. *International Journal of Educational Development*, 92, 102591. https://doi.org/10.1016/j.ijedudev.2022.102591

Boateng, S. K. (2022). Sustaining indigenous knowledge systems in Africa: The role of traditional apprenticeship in Ghana. *Indigenous Knowledge and Development Monitor*, 18(3), 28–35.

Boisselle, L. N. (2021). Situating indigenous knowledge systems within the STEM epistemic landscape: A decolonizing approach. *Cultural Studies of Science Education*, 16, 619–637. https://doi.org/10.1007/s11422-021-10047-1

Chahine, I. C., & Oyedeji, A. (2023). Integrating cultural heritage into STEM education in African contexts: Challenges and opportunities. *International Journal of Educational Development*, 97, 102698. https://doi.org/10.1016/j.ijedudev.2023.102698

Chikoko, V., & Mtonjeni, T. (2019). Decolonising the curriculum in a South African university: Lecturers' perspectives. *South African Journal of Higher Education*, 33(3), 28–43. https://doi.org/10.20853/33-3-3126

Chikwendu, C., & Adebanjo, O. (2021). Education and Cultural Identity: Strategies for Community Empowerment in Africa. *International Journal of Cultural Studies in Education, 9(3), 112–127.*

Chilisa, B. (2019). *Indigenous research methodologies* (2nd ed.). SAGE Publications.

Chilisa, B., Major, T. E., & Mothus, T. (2021). *Decolonizing indigenous knowledge: Towards a participatory approach*. International Journal of Indigenous Studies, 12(1), 23–38.

Dei, G. J. S. (2014). *Indigenous discourses on knowledge and development: Contemporary voices*. Routledge.

Dei, G. J. S. (2018). *Indigenous anti-colonial knowledge as 'heritage knowledge' for promoting Black/African education in diasporic contexts*. *Decolonization: Indigeneity, Education & Society,* 7(1), 1–19.

Dei, G. J. S. (2000). Rethinking the role of indigenous knowledges in the academy. *International Journal of Inclusive Education, 4(2), 111–132.*

Edewor, P. A. (2014). Globalization and the erosion of cultural identity in Africa. *Journal of Sustainable Development in Africa, 16(1), 54–68.*

Edewor, P. A. (2023). Cultural Identity, Education, and Economic Empowerment in Nigeria. *Journal of Social Development in Africa, 38(1), 55–70.*

Essien, M., & Effiong, E. (2018). Apprenticeship system as a viable tool for employment generation in Nigeria: A case study of selected mechanics in Calabar. *International Journal of Humanities and Social Science Research*, 6(3), 21–27.

Ezeanya-Esiobu, C. (2017) How Africa can use its traditional knowledge to make progress WIRED+1YouTube+1YouTube

Ezeokoli, R. & Osagie, O. (2023). Challenges of Mainstreaming Indigenous Knowledge into Nigeria's Education Curriculum. *Contemporary Issues in Education and Development in Africa,* 8(1), 22–38.

Grosfoguel, R. (2013) "The Structure of Knowledge in Westernized Universities: Epistemic racism/sexism and the four genocides/epistemicides of the long 16th Century". *Human Architecture: Journal of the Sociology of Self-Knowledge*.

Fanon, F. (1963). *The Wretched of the Earth*. New York: Grove Press.

International Labour Organization (ILO). (2021). *Skills and the future of work: Strategies for inclusive growth in Africa*. Geneva: ILO.

Kaya, H. O., & Seleti, Y. N. (2021). African indigenous knowledge systems and sustainable development in the 21st century. *Indilinga: African Journal of Indigenous Knowledge Systems*, 20(2), 5–18.

Kovach, M. (2021). *Indigenous methodologies: Characteristics, conversations, and contexts* (2nd ed.). University of Toronto Press.

Kugara, S. L. and Mdhluli, T. D. (2023) Integrating African Indigenous Education in the Curriculum: A Learning Curve for South Africa. *Journal of Curriculum Studies Research*, Volume 5, Issue 3, in December 2023.

Kwayu, E., Mtallo, G. R., & Mvungi, A. (2022). Revitalizing indigenous knowledge and cultural heritage in Tanzanian primary education. *Journal of Education and Practice*, 13(15), 45–54.

Lumumba, P.L.O.(2023) We must decolonize our education system and revolutionize our curriculum. *Premiered Jun. 19, 2023 https://www.youtube.com/watch?v=pmtr0xl4qga*

Lumumba, P.L.O. (2020) 6th Annual memorial lecture programme theme: Decolonization of religion, culture and economy. *Keynote Speaker YouTube+3YouTube+3YouTube+3 (Nov 13, 2020).*

Mandela, N. (2019). Introducing Nelson Mandela: The Official Exhibition Learning Resources *https://mandelaexhibition.com/wp-content/uploads/2019/02/Mandela_EDU_Introducing-Mandela_power_point_FINAL.pdf?utm_source* (February 4, 2019)

Meagher, K. (2020). *The strength of Weak States in Africa: Informal economies and transnational networks*. Zed Books.

Mignolo, W. D., & Walsh, C. E. (2018). *On decoloniality: Concepts, analytics, praxis*. Duke University Press.

Moyo, T., & Banda, C. (2020). Participatory development and community-based knowledge systems in Southern Africa. *Development in Practice, 30(6), 785–793. https://doi.org/10.1080/09614524.2020.1782573*

Nakata, M. (2020). Disciplining the savages, savaging the disciplines. In J. Archibald et al. (Eds.), *Indigenous research: Theories, practices, and relationships* (pp. 99–120). Canadian Scholars.

Ndlovu-Gatsheni, S. J. (2018). Epistemic freedom in Africa: Deprovincialization and decolonization. *Routledge.*

New Learning Online (2025) Political leaders speaking of education [Nelson Mandela] *https://newlearningonline.com/new-learning/chapter-1-new-learning/supporting-material/political-leaders-speaking-of-education- 2025 All Rights Reserved*

Ngũgĩ wa Thiong'o. (1986). *Decolonising the mind: The politics of language in African Literature*. London: James Currey.

Nwachukwu, L. E., & Ibrahim, A. M. (2024). Digital platforms and community knowledge sharing in rural Nigeria. *Journal of African Media Studies, 16(1), 61–78.*

Nwosu, I. E. (2022). Culturally Responsive Pedagogy and Education in Nigeria: Bridging the Cultural Disconnect. *African Journal of Educational Research and Development, 14(2), 45–58.*

Odora Hoppers, C. A. (2002). *Indigenous knowledge and the integration of knowledge systems: Towards a philosophy of articulation*. New Africa Books.

Ogunyemi, B. (2022). Culturally Relevant Pedagogy and Learner Empowerment in Nigerian Classrooms. *Journal of African Educational Studies, 15(1), 34–49.*

Okafor, C. & Adejumo, T. (2021). Indigenous Knowledge and Skills Development in Nigerian Vocational Education: Opportunities and Constraints. *Journal of African Cultural Studies,* 33(4), 511–525.

Oketch, M. (2021). Skills development in the informal sector in Sub-Saharan Africa: A critical review. *International Journal of Educational Development, 84, 102428. https://doi.org/10.1016/j.ijedudev.2021.102428*

Okolie, U. C., Igwe, P. A., & Nwosu, H. E. (2020). Apprenticeship and youth employability in Africa: The Nigerian informal sector perspective. *Education + Training*, 62(7/8), 797–813. https://doi.org/10.1108/ET-02-2019-0034

Okonkwo, C. A., & Udechukwu, B. C. (2023). Harnessing indigenous knowledge for rural development in Nigeria: Challenges and prospects. *Nigerian Journal of Development Research, 29(4), 210–228.*

Okonkwo, R. I. (2017). Colonialism and cultural erosion in Africa: The Nigerian experience. *International Journal of Arts and Humanities, 6(2), 120–130.*

Palmer, R., Wedgwood, R., & King, K. (2019). *Mapping the research: TVET and the role of informal apprenticeships*. *NORRAG Review*, 3(1), 47–56.

The Progressive Minds Show (PMS). The stereotype about Africans and their time consciousness

Qinjano, A. (2020) "Coloniality of Power, Eurocentrism, and Latin America," *The journal Nepantla: Views from South, Volume 1, Issue 3, pages 533–580.*

Rodney, W. (1972). *How Europe Underdeveloped Africa*. London: Bogle-L'Ouverture Publications.

Semali, L. M., & Kincheloe, J. L. (Eds.). (1999). *What is indigenous knowledge? Voices from the academy*. Falmer Press.

Semali, L. M. (2019). *Indigenous knowledge and education: Sites of struggle, strength, and survivance*. Springer.

Sium, A., Desai, C., & Ritskes, E. (2012). Towards the 'tangible unknown': Decolonization and the Indigenous future. *Decolonization: Indigeneity, Education & Society*, 1(1), I–XIII. https://decolonization.org/index.php/des/article/view/18630

Smith, L. T. (1999). *Decolonizing methodologies: Research and indigenous peoples*. London: Zed Books.

Smith, L. T., Tuck, E., & Yang, K. W. (2019). *Indigenous and decolonizing studies in education: Mapping the long view*. Routledge.

Ugwuja, G. O. & Ogugua P. I.(2024). A philosophical analysis of Nkrumah's consciencism as a basis for development in Africa. *NJIKO: A Multi-disciplinary Journal of Humanities, Law, Education and Social Sciences, Vol.2(1), ISSN: 1597-9997(PRINT), ISSN: 2006-0084(ONLINE)*

UNESCO. (2021). *Reimagining our futures together: A new social contract for education*. UNESCO Publishing. https://unesdoc.unesco.org/ark:/48223/pf0000379707

UNESCO-UNEVOC. (2021). *Transforming TVET for the future: Strategies and practices*. Bonn: UNESCO-UNEVOC.

Usman, A., & Okoye, F. C. (2023). Decolonizing the Curriculum: A Nigerian Perspective on Cultural Identity and Knowledge Systems. *African Review of Education, 11(2), 76–91.*

Wane, N. N. (2020). Decolonizing pedagogy through African Indigenous knowledge systems. In M. A. Peters (Ed.), *Encyclopedia of educational philosophy and theory* (pp. 1–7). Springer. https://doi.org/10.1007/978-981-287-532-7_574-1

World Bank. (2023). The changing nature of work: How informal apprenticeships can bridge the skills gap in developing economies. *World Bank Development Report. https://www.worldbank.org/en/publication/wdr2023*

Yamada, S. (2021). Cultural heritage and education for sustainable development: A community-based approach. *Heritage & Society*, 14(1), 67–84. https://doi.org/10.1080/2159032X.2021.1896012

Zembylas, M. (2020). Decolonial possibilities in education: Pedagogical openings for healing and transformation. *Educational Philosophy and Theory*, 52(12), 1223–1234. https://doi.org/10.1080/00131857.2020.1737651