

Theoretical and Practical Exploration of Curriculum Education in Secondary Vocational Schools under the Perspective of "Three Comprehensive Education"

Pan Yang

Nancheng County Vocational Secondary Professional School, Fuzhou, Jiangxi, 344700, China

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Abstract: Guided by the "Three Comprehensive Education" philosophy, this study explores the theoretical and practical dimensions of curriculum-based education in secondary vocational institutions. It emphasizes the crucial role of moral cultivation and the central position of curriculum-driven education. Through systematic analysis of five key components-public courses, specialized courses, campus cultural programs, practical activities, and social courses-the research proposes a comprehensive teaching mechanism encompassing all-staff education, whole-process education, and holistic development. This approach aims to holistically enhance students' personalized growth and comprehensive competencies, cultivating new-era technical professionals with both noble moral integrity and professional expertise. The study provides theoretical support and practical guidance for advancing vocational education reform and development.

1. Introduction

Cultivating virtue and nurturing talents is the fundamental task and shared mission of education. Curriculum-based education is a crucial measure to implement this core mission. The "National Vocational Education Reform Implementation Plan" issued by the State Council in 2019 clearly states that vocational education and general education are two distinct educational types with equal importance. [1] On April 12, 2021, the National Vocational Education Conference was held to discuss vocational education: in the new journey of comprehensively building a modern socialist country, vocational education has broad prospects and great potential. Therefore, vocational education is entering its golden age. Standing at a new historical starting point, this study, from the perspective of "Three Comprehensive Education", persistently uses on Socialism with Chinese Characteristics for a New Era to consolidate ideological foundations and fulfill the fundamental mission of cultivating virtue and nurturing talents. Taking curriculum as the carrier, it focuses on five aspects: public curriculum education, professional curriculum education, campus cultural curriculum education, practical activity curriculum education, and social curriculum education. By integrating the concept of curriculum-based education into secondary vocational curriculum work, we aim to awaken students' inner world through knowledge-practice integration and diverse courses, stimulate their initiative, and utilize abundant teaching resources and school-enterprise cooperation resources to achieve students' brilliant lives. This approach cultivates a new generation of

professional technical talents who love the country, and their families.

2. The necessity of integrating the concept of "Three Comprehensive Education" into vocational education curriculum

"Running an education system is a complex undertaking requiring collaborative efforts from families, schools, governments, and society." Vocational secondary schools must prioritize moral education as their core mission, integrating curriculum-based nurturing throughout the entire educational process to achieve the "Three Comprehensive Education" model. This framework-encompassing education for all personnel, throughout the entire process, and across all dimensions-has gained increasing recognition as quality-oriented reforms deepen. With heightened emphasis on students' ethical development and ideological-political education, the Three Comprehensive Education philosophy, as a comprehensive and systematic approach to curriculum-based nurturing, will play a vital role in shaping modern educational systems[2].

2.1 Education for all is conducive to improving the participation of curriculum education

All faculty members should actively participate in students' educational development. To strengthen moral education in curriculum-based instruction, we must ensure every subject teacher becomes both a communicator and practitioner of holistic education. For instance, establishing "Model Teaching Positions" across the school system can embed the organization's role as a frontline bastion into classroom teaching, forming a "one branch, one stronghold" operational framework. Additionally, assigning subject teachers to dormitories for targeted support will effectively implement the concept of comprehensive education throughout the entire learning process. Furthermore, having school leadership members mentor specific grades demonstrates their cohesive and guiding role. This approach not only focuses on academic performance but also emphasizes moral cultivation, mental health, and comprehensive quality development, creating a comprehensive educational ecosystem that spans all aspects and processes.

2.2 The whole process of education is conducive to the realization of systematic curriculum education

Course-based education should permeate every aspect of students' daily learning and life, extending beyond classroom instruction to shape behavioral habits and emotional values. This holistic approach integrates curriculum design with character development, using campus culture as a nurturing environment and practical platforms as implementation tools. By establishing standardized behavioral norms as the foundation, it creates an all-encompassing educational framework that operates seamlessly throughout students' academic journey [3].

2.3 All-round education is conducive to expanding the space of curriculum education

Implementing comprehensive education fosters a diversified curriculum system. Moral education should extend beyond traditional subjects like politics and history to integrate into core academic courses such as mathematics, Chinese, English, as well as specialized disciplines including mechanical engineering, computer applications, early childhood education, and Traditional Chinese Medicine (TCM) pharmaceuticals. Vocational education programs should not only operate within campus environments but also expand into social practice domains. Students are encouraged to step out of the classroom and actively participate in skill competitions, community service, public welfare initiatives, and volunteer activities. Through real-world social engagement, students can

apply their professional skills while developing teamwork capabilities and adaptability to societal challenges[4].

3. Multi-dimensional path of curriculum education in secondary vocational schools

In the new era of vocational education, secondary vocational schools can deepen curriculum-based educational practices by implementing a three-tier ideological and political education system, establishing multidisciplinary collaborative mechanisms, creating a new paradigm of "professional courses + ideological education", organizing diverse practical activities and ceremonial events, and fully utilizing campus culture and social resources. This comprehensive approach aims to promote students' personalized development and overall quality enhancement, cultivate their core values, professional ethics, and social responsibility, while strengthening vocational skills and humanistic literacy. These efforts lay a solid foundation for students' all-round development and future career planning, ultimately fostering high-quality technical professionals with both moral integrity and professional expertise.

3.1 Give play to the leading and exemplary role of public courses

1) Implementing a three-tier ideological and political education system to help students fasten the "first button" of their lives. The framework establishes three tiers: the principal and committee members as the top tier, middle-level cadres from departments like the Political Education Office, Youth League Committee, and Academic Affairs Office as the second tier, and teachers, homeroom teachers, and full-time ideological and political educators as the third tier. Students receive weekly, monthly, and semester-long ideological education courses covering topics such as socialist core values education, lifestyle habits, etiquette, national defense awareness, legal consciousness, mobile phone management in classrooms, prevention of early romantic relationships, and various safety education programs. By consistently implementing this three-tier approach, we aim to make curriculum-based education resonate deeply, ensuring tangible outcomes through thorough implementation. Additionally, tailored to vocational school characteristics, we integrate ideological and political education with career planning, professional ethics, and mental health education. This enables students to find mentors in their professional development, helping them establish correct career values and professional ethics, thus fastening the "first button" of their lives and taking the first step in career planning.

2) Establishing a Multi-disciplinary Synergy Mechanism to Ensure Effective Curriculum-Based Education. To develop a comprehensive educational model, we must not only center on ideological and political education courses but also actively leverage the educational value of other general courses. By implementing multi-pronged strategies and diversified approaches, we aim to build an all-encompassing, multi-level education system where curriculum-based education extends beyond ideological classrooms into every academic discipline, integrating into school education as an integral component. This approach achieves the goals of educating all members throughout the entire learning process. Firstly, expanding educational impact through the three traditional core subjects: In Chinese language instruction, teachers can utilize classical literary works such as ancient poetry, prose, and selected classics to help students grasp the essence of China's excellent traditional culture, understand the continuity of Chinese historical and cultural heritage, strengthen national pride and cultural identity, cultivate emotional intelligence and empathy, and guide students in forming positive life attitudes and values. In mathematics education, teachers can integrate curriculum-based education throughout the teaching process. Practical problem-solving activities in mathematics help develop students' integrity, precision, and meticulous work attitudes, while team collaboration projects in mathematics reinforce their sense of responsibility and

cooperative spirit. In English language instruction, teachers can guide students to learn workplace English and business English knowledge, helping them build a solid linguistic foundation for career development. Through this process, students are educated about professional ethics like honesty, integrity, and meticulousness, transforming English from a mere tool into a discipline that conveys values and shapes personal character. Second, we aim to establish new benchmarks in the "Music, Physical Education, and Art" curriculum to advance the in-depth development of holistic education. In music classes, teachers can guide students to appreciate patriotic music pieces such as "Socialism Is Good" and "My Motherland and I," enabling them to find emotional resonance through music and cultivate a profound sense of patriotism and dedication to national rejuvenation. Through musical immersion, students will channel their love for the country, aspirations for its strength, and actions to serve it into the pursuit of great dreams. Art education carries profound educational significance. By teaching China's classical artworks, teachers help students understand and inherit cultural heritage through painting and appreciation activities, fostering national pride. Through guiding students to appreciate positive and uplifting art works, we cultivate healthy aesthetic views while resisting vulgar cultural influences. Physical education strengthens discipline and rule awareness. Teachers emphasize sports competition rules and classroom norms in physical education, appropriately incorporating challenges and competitions into activities. This encourages students to maintain a positive mindset when facing setbacks, learn perseverance, and develop resilience. Through diversified teaching approaches in physical education courses, students not only build physical fitness but also enhance their educational qualities, laying a solid foundation for becoming high-quality technical professionals meeting societal demands.

3.2 Build a new pattern of "specialized courses + ideological and political education"

As a vital component of secondary vocational education, specialized courses require teachers to effectively manage their responsibilities and cultivate their professional fields. These courses should align with ideological and political theory education, serving as the core curriculum while establishing a new paradigm of "specialized courses + ideological education." This approach optimizes moral cultivation and talent development, ultimately nurturing high-caliber technical professionals who can serve local economic needs.

Professional instructors should integrate educational philosophies into practical training, combining explicit curriculum design with implicit pedagogy. For example, in automotive maintenance programs, teachers emphasize integrity and strict adherence to safety protocols while teaching repair techniques. This approach helps students internalize professional ethics while resolving real vehicle issues. Computer science courses should not only cover programming fundamentals but also include information security, copyright law, and cyber ethics to cultivate technically proficient IT professionals with ethical conduct. For early childhood education majors, instructors should teach child psychology and care techniques while reinforcing compassion, patience, and social responsibility to nurture future caregivers. Applied electronics courses should develop hands-on skills in product design, manufacturing, and testing, incorporating eco-conscious concepts to enhance environmental awareness. Traditional Chinese medicine (TCM) pharmaceutical education should blend cultural heritage with technical expertise, emphasizing ethical practices and legal compliance to improve professional competence [5].

3.3 Form a practical activity curriculum education system to promote the comprehensive development of comprehensive quality

Knowledge originates from practice and is simultaneously applied to it. Vocational schools should enhance students' learning quality through activity-based courses, while also strengthening

the cultivation of their educational literacy in these programs. To achieve this, vocational institutions need to actively organize relevant practical education activities tailored to students' developmental characteristics [6].

1) Conduct regular thematic education programs through curriculum-based moral cultivation. With the Political Education Office and Youth League Committee as lead agencies, systematic planning for curriculum-based education should be established. This includes setting annual objectives, developing semester plans, creating monthly themes, ensuring weekly content delivery, and implementing daily follow-ups while addressing details and feedback. During implementation, schools must fully consider students' learning patterns and developmental characteristics. Weekly and monthly themes should be carefully selected, focusing on long-term growth and student development. Key activities should emphasize lifestyle education, etiquette training, national defense awareness, legal consciousness, mobile phone management in classrooms, prevention of early romantic relationships, and comprehensive safety education. Schools must rigorously manage these activities, maintain consistent efforts, and actively foster an uplifting, united, and supportive campus environment.

2) Establish grand seasonal festivals themed around the four seasons: Spring, Summer, Autumn, and Winter. During the vibrant spring season, our institution will first host the "Spring Blossom" Tian Gong Skills Competition, which will feature both teacher professional contests and student skill competitions. A variety of events will be organized, including "Smart Manufacturing", "Numerical Control Technology Application", "Traditional Chinese Medicine Processing", "Home Design & Artistic Modeling", "IoT Applications & Services", "Infant Care", and "Short Video Production". These activities not only enrich campus cultural life but also enable teachers and students to hone their skills through practical experience, cultivating new-era craftsmen with exceptional expertise. Second, the scorching summer will see the grand opening of our "Summer Splendor" Campus Cultural Festival, serving as a highlight of the campus calendar with diverse artistic and cultural events. Students showcase their artistic talents through poetry recitals, essays, calligraphy, and painting, using summer sunshine and passion as themes. This event also fosters comprehensive literacy, humanistic care, and social responsibility, allowing them to experience growth and enlightenment in joyful summer days while becoming morally upright, art-loving, socially responsible youth of the new era. Third, the crisp autumn season will feature the "Autumn Rhythm" Campus Sports Meet, a grand event designed to foster teamwork and school spirit through collective athletic challenges. Competitions and performances in track and field, basketball, football, and volleyball demonstrate strength, speed, perseverance, and teamwork, filling campuses with autumn's rhythm and competitive fervor. Fourth, the cold winter will be crowned by the "Winter Warmth" Music & Dance Carnival, a spectacular event that brings the campus together with the power of music and dance. Students ignite winter passion and warmth through performances like music festivals, red song contests, rhythmic exercises, and street dance, channeling the energy and vitality of music and dance. Students not only showcase their artistic talents through music and dance performances, but also develop comprehensive skills in teamwork, creative thinking, stage presence, and art appreciation. Through these experiences, they gain a sense of pride and accomplishment in performing arts, cultivating confidence and artistic refinement that lays a solid foundation for their future development.

3) Optimize library resources and establish regular reading club activities. "Life is finite, but knowledge is infinite." Schools should encourage students to read books related to their majors as well as general knowledge materials. While many books may seem unrelated to academic studies at first glance, reading enriches students' inner world, provides multiple perspectives for analysis and problem-solving, and helps shape scientific worldviews and methodologies. Therefore, we should leverage library resources through initiatives like "reading clubs," organizing activities such as

"themed book lectures," "literary adaptations," and "sharing sessions of inspirational quotes" to promote both "reading quality books" and "enjoying reading" across the campus [7].

4) Conduct ceremonial activities to cultivate students' sense of belonging, honor, and responsibility. First, we will invite parents to our "Parent Open Days," where they can immerse themselves in the school's professional and warm culture by exploring classrooms, training workshops, and student project showcases. This helps families understand their children's academic and daily life at school, fostering a collaborative home-school education system. Second, the school will kick off with ceremonial events dedicated to celebrating and honoring the achievements of our exemplary teachers and students. By announcing new semester goals and recognizing top performers from the previous term, we establish role models to strengthen students' sense of responsibility and mission. This encourages them to adopt proper learning attitudes and set clear objectives, while also acknowledging exemplary faculty and students to motivate everyone in pursuing new semester goals, thereby cultivating a positive academic and teaching atmosphere. Third, the "Graduation Season Coming-of-Age Ceremony" serves as a crucial educational milestone. It not only marks students' transition from school life to social engagement but also affirms their emerging adulthood. Schools can design diverse rituals like formal attire ceremonies, principal-issued commemorative badges, and student pledges to reinforce adult responsibilities and role awareness.

5) Enhancing Curriculum-Education Integration. The school will strengthen its core leadership role by integrating patriotic education, labor education, and community service into practical courses. Current initiatives include the "Learn from Lei Feng Volunteer Service Program" and "Red Tourism" activities, embedding patriotic and labor education into students' daily lives. Future plans involve organizing "Student Knowledge Competitions" to enhance political awareness and discipline. Additionally, thematic educational practices will be implemented, such as poverty alleviation assistance programs, environmental awareness campaigns, and traffic etiquette guidance activities. These initiatives aim to achieve the integration of knowledge and action, fostering growth through participation, learning through service, and cultivating noble moral character through practical experience.

3.4 Make good use of campus cultural courses to inject inexhaustible power into curriculum education

Every plant and blade of grass on campus serves as a learning opportunity. The renowned Soviet educator Sukhomlinsky once remarked, "Let every wall speak and every environment nurture." [8] By adopting campus culture development as the core curriculum framework, the school fully leverages its subtle educational influence. Through meticulous cultivation of campus culture, it creates an aesthetically pleasing, comfortable, and nurturing environment for holistic growth. [9]

1) Effectively utilize both visible and hidden campus resources. School principals should cultivate their expertise as gardeners and designers, developing well-planned greening, beautification, and lighting schemes that embody distinctive themes and symbolic meanings. This approach fosters a cohesive campus culture where academic, residential, cultural, and sports zones each showcase unique characteristics. The "One Motto, Three Styles" (school motto and three core values) should be concise yet educational and engaging. Every department and activity space should maintain its own distinct identity, creating an environment where educators and students are subtly influenced through daily interactions. Such immersion nurtures moral growth while enhancing self-discipline, self-reflection, and proactive responsibility.

2) Enhance promotional efforts to cultivate a positive campus culture. First, we will use our organizational culture as a core driver to foster a vibrant and cohesive campus environment. By

utilizing banners, exhibition boards, and bulletin boards, we can effectively promote fine traditions and progressive values, enhancing the ideological and political awareness of all faculty and students. This sustained cultural outreach highlights the organization's policies, revolutionary heroes' stories, and other cultural elements, allowing students to personally experience and understand these values through daily activities. Second, strengthen motto education to foster core values. Campus culture originates from mottos, which should be widely promoted through various channels to internalize and externalize in actions. Third, the university will establish platforms such as the official WeChat account and Meipian to promote positive energy campaigns. We will regularly hold "Good Deeds Around Us" events, and feature "Outstanding Faculty-Student Profiles" weekly on all promotional platforms. Campus and community news will be reported in a timely manner, capturing and sharing heartwarming smiles and memorable moments of teachers and students. Everyone is encouraged to share uplifting stories and experiences, contributing to an inspiring campus atmosphere that appreciates daily details and treasures precious moments. Fourth, the school will reinforce behavioral management to foster a healthy educational environment. This will be achieved by improving campus regulations and daily management practices, making full use of flag-raising ceremonies, morning and evening assemblies, and regular reminders from duty leaders. We will adopt an approach that emphasizes "more praise, less criticism, and focuses on guidance" to cultivate students' behavioral habits. Campus etiquette and cultural literacy will be integrated into daily teaching and campus life, allowing students to subtly acquire moral education and cultural influence. Fifth, we will focus on cultivating character through inspiring voices and sowing the seeds of hope. By organizing motivational speeches, mentor sessions, and themed class meetings, students will be encouraged to build self-confidence and develop positive values. We aim to create an environment where every student feels recognized and empowered to grow. By leveraging exemplary leadership, we encourage students to participate in the "Books Nourish, Hearts Grow" radio program, featuring weekly evening recitations of literary classics. Through nurturing language education that subtly shapes young minds, we create educational opportunities aligned with children's natural inclinations. By integrating life education and love-based instruction, we foster connections with students, bridge the gap between educators and learners, and guide them to consciously develop patriotism, family devotion, and life appreciation. Centered on themes of "striving," "youthful passion," and "perseverance," we shape new members of society who embody ideals, uphold ethics, possess cultural literacy, and demonstrate disciplined conduct.

3.5 Make good use of social curriculum to educate people and practice the concept of integrating knowledge with action

The eminent educator Tao Xingzhi once proposed the educational philosophy that "life is education, society is school, and teaching, learning, and doing are integrated." [10] Mr. Chen Heqin advocated the concept that "society and nature serve as living textbooks." [4] Wang Yangming, the synthesizer of Lu-Wang Mind School, also emphasized "the unity of knowledge and action." Therefore, vocational education should extend beyond campus boundaries, using "social practice" as a curriculum vehicle to cultivate well-rounded individuals. By actively engaging in socialist construction and achieving the integration of teaching, learning, and doing, we can deepen the internalization of curriculum education through the profound combination of theory and practice.

1) Practical Excellence: Industry-Education Integration for Curriculum Development. We actively implement the "2.5+0.5" internship management framework in vocational education, providing every student with hands-on training opportunities. By adopting the "bringing in experts" and "expanding partnerships" approach, we strengthen corporate collaborations to establish long-term stable relationships. Through joint curriculum development and internship base

construction, we ensure teaching content aligns closely with industry demands. Professional programs are proactively aligned with sectoral trends, establishing mutually recognized educational standards between schools and enterprises. Regular updates and optimizations to course content guarantee timely reflection of market changes and industry needs. Skill Enhancement: By preserving and promoting China's excellent traditional culture, we empower students to broaden their horizons beyond classrooms, expand knowledge, boost confidence, and develop independent thinking skills-all contributing to the advancement of curriculum-driven education[11].

2) Effectively leverage external social resources to achieve comprehensive and multi-level education. First, we will immerse students in our local red cultural resources. This involves guiding them to revolutionary landmarks beyond campus, such as memorial halls and martyrs' cemeteries, to honor the heroes and inherit their revolutionary spirit. Through volunteer activities such as "Volunteers for National Sanitary City Creation", we encourage students to express their pursuit of integrity and dedication to the nation through practical experiences. Secondly, delivering high-quality lectures is crucial. Over a student's six academic years, attending several excellent lectures can benefit them for life. Schools should proactively invite industry experts, successful local entrepreneurs, outstanding alumni, and senior technicians from industrial parks to conduct career development seminars. These sessions not only share educational philosophies but also provide practical insights into professional ethics and career success strategies. By analyzing real-world case studies, students gain actionable knowledge about ethical standards across industries and effective pathways to professional excellence. The sharing of expert experiences and successful individuals not only provides valuable knowledge but also stimulates students' critical thinking on moral issues.

4. Conclusion

Curriculum education is a systematic endeavor requiring the collective efforts of all faculty and students. The philosophy of "curriculum-based education" must be consistently integrated throughout educational practices. Through diverse and impactful curricula, we aim to awaken students' 'dormant potential'. Organizations should fully leverage their leadership role in school curriculum development. Meanwhile, teachers must lead by example-showing genuine care for students' growth, guiding them to establish correct worldviews, life philosophies, and values. We must help students devote themselves to acquiring cultural knowledge while honing technical skills, ultimately cultivating skilled craftsmen for the new era who will contribute to our nation's rejuvenation.

References

- [1] State Council, *National Vocational Education Reform Implementation Plan*[EB/OL]. https://www.gov.cn/gongbao/content/2019/content_5368517.htm, 2019-01-24/2025-06-18.
- [2] Liu Jun. Construction and Implementation of the "Sunshine Curriculum Education" System in Secondary Vocational Schools under the Background of "Three Comprehensive Education" [J]. *Modern Commerce Industry*, 2023,44(20):235-237.
- [3] Zhang Shiquan. Reflections on Enhancing the Effectiveness of Vocational Education Curriculum in Secondary Schools [J]. *Teaching Reference for Secondary School Political Education*, 2023(27):116.
- [4] Chen Xiuyun and Chen Yifei. *Complete Works of Chen Heqin (Volume 6)*[M]. Nanjing: Jiangsu Education Press, 2008:186.
- [5] Chen Jianhua. Deepening Curriculum Reform in Response to the Era's Demands --A Brief Discussion on the Development of Ideological and Political Curriculum Standards for Secondary Vocational Schools [J]. *China Vocational Education*, 2020(14):9-13.
- [6] Wang Zhen. Approaches to Enhancing Students' Legal Awareness in Vocational Ethics and Law Education [J]. *Vocational Education*, 2020(33):30-31.

- [7] Han Zongjie. *Educational Innovation Practices in Curriculum-Based Pedagogy under New Circumstances* [J]. *Food Research and Development*, 2021,42(08):234.
- [8] *Selected Works of Sukhomlinsky: Volume 5* [M]. Beijing: Education Science Press, 2001:95.
- [9] Wang Haiyan. *Cultivating Environmental Awareness Among Middle School Students in Vocational Education Curriculum* [J]. *Teaching Reference for Secondary Geography Education*, 2021(13):83.
- [10] Tao Xingzhi. *Teaching, Learning and Doing in Unity* [M]. Nanjing Xiaozhuang Normal School Tao Xingzhi Research Office, Jiangsu Tao Xingzhi Education Thought Research Association. *Collected Works of Tao Xingzhi* [M]. Nanjing: Jiangsu People's Publishing House, 1981:185.
- [11] Du Jianqun, Wu Changhong, and Wang Xinyue. *Life Reflection: A Preliminary Discussion on the Educational Value of Curriculum-Based Education* [J]. *Vocational and Technical Education*, 2021,42(34):60-65.