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Implementing contemporary issues through curriculum development, teaching models and curriculum design for teaching institutes in Nigeria

Monday S. Adiaha^{1*}, Momoh I. Anabe², Mary A. Ndifon³, Grace I. Udom², David U. Ocheje³

^{1*} Directorate of Continuing Education, Federal Capital Territory College of Education, Zuba-Abuja/ Department of Agronomy (Crop and Soil Science), Faculty of Agriculture and Forestry, Cross River University of Technology, Nigeria

² Department of Curriculum and Instruction, School of Education, Federal Capital Territory College of Education, Zuba-Abuja, Nigeria

³ Department of Educational Psychology, Federal Capital Territory College of Education, Zuba-Abuja, Nigeria

*Corresponding author E-mail: mondaysadiaha@gmail.com

Abstract

The paper investigated contemporary issues in Nigeria through curriculum development and teaching models at various levels of education. In this research the researchers found that curriculum designing is conducted stage by stage at all levels of education. It was found out that some of the model presented the process stage to be more important than the objectives. Other models puts objectives to be the most important feature of curriculum design. All models presented stress the importance of considering a variety of factors affecting the society in which the curriculum is to be implemented, as curriculum is meant to solve the problem of the society in which it is developed.

Keywords: Contemporary Issues; Teaching Models; Curriculum Development; Teaching Institutes; Human Development.

1. Introduction

Over the years various issues affecting the society have been raise here-and-there. This issues ranges from environmental, food, governance, religious including morality. Then in-other to arrive at a logical conclusion, an attempt to proffer a solution to the issue of curriculum sets-in. Curriculum design involves complex and systematic process [1]. Attempt has been made in this work to describe a variety of models of curriculum design in-other to simplify the complexity involved in understanding and managing curriculum design and development. It is important for teachers to understand how curriculum used in school and colleges are developed and designed.

Design development and assessment of curriculum are important central points in teaching-learning processes [2]. In Nigeria, teachers have been observed to hold either a professional teaching qualification or only an academic qualification. However, it is imperative for teachers at all levels of education to be knowledgeable about theories, design including assessment of curriculum, as this provides the teacher with basic ideas and information on the element, factors including institutions involved with curriculum design, development and assessment in schools, colleges and other institutions of learning.

Findings of several research outcome including Enoh [1] have proof that, if a teacher is aware of the factors influencing curriculum design, then understanding how the content one is using in teaching-learning experience becomes easier, and this also gives a wide view on how the learning experiences the learners are exposed to was selected. This can also aid the teacher to develop some insight into methods he/she uses in content delivery for human development [3].

Over the years curriculum definition has gain more insight into the view of what the researcher intends to achieve based on his/her pre-determine goals. Several definition has been proffered with the view of achieving the aim of this paper, curriculum will be view as a process which includes all the academic activities known as syllabi, contents and co-curricular activities and experiences to influence the development of the child [4]. Several views has been on record about the definition of curriculum. Great scholars including Gabriel [5] had viewed curriculum as the course of deeds and experience through which children become the adult they should be, for success in adult society. This paper seeks to present ways a teacher can understand the various factors influencing curriculum design. After studying this research paper, one should be able to discuss models of curriculum design, also explain steps in curriculum design in relation to models of curriculum.

2. Methodology

The study uses models to present and discuss the ways teachers at all levels of education can understand, develop and implement the curriculum to be use in teaching-learning process. Models were generated base on the current contemporary issues facing the Nigerian society.

2.1. Why teachers need the understanding of the concept of curriculum

- Teachers need to relate education to the socio-economic, technological, political and environmental demands of the society
- The teacher needs to relate content to the local environment
- Application of the most effective and relevant teaching-learning methods
- For evaluation of teaching-learning process in an educational settings.

3. Result and discussion

Table 1: Curriculum Development for Contemporary Issues in Nigeria (Environment Education, Family Life Education, Agricultural & Extension Education, Citizenship/National Value Education, Entrepreneurship Education, Distance and Open Learning Education)

Pre-primary Education	Primary Education	Secondary Education	Tertiary Education
Environment Education			
<ul style="list-style-type: none"> - The meaning of water by singing - Sources and uses of water by singing - Our surroundings and you - How to keep our surroundings clean; by sweeping the floor, sweep the veranda, do not urinate anywhere, always use the toilet 	<ul style="list-style-type: none"> -Component of the environment: Land and its uses, land pollution, animal and it uses; animal waste product -Plant and their uses; plant waste product, uses and control -Water pollution; how water get polluted, how to avoid water pollution -Rainfall and flooding: how to avoid flooding, keep your sounding clean 	<ul style="list-style-type: none"> - The Ecosystem: Definition, Component And Management - Plants & Animal In The Ecosystem Functioning - Environmental Pollution: Water, Air and Land pollution - Waste management 	<ul style="list-style-type: none"> - Ecosystem: concept , problems - Pollution; land, water and air pollution - Land use; land use act, land degradation, soil formation processes - Water use: water sources, water management, water pollution - Air use: Air pollution, carbon dioxide circulation - Impact of climate change: concept of climate change, factors contributing to climate change, drought, excessive rainfall, change in season. - Public waste disposal and the environmental management act; environmental protection policies.
Family Life Education			
<ul style="list-style-type: none"> - What makes up the family?: Father, mother and children makes up the family by singing and recitation 	<ul style="list-style-type: none"> -Definition of the family; component of the family, types of family. -The role of the father, mother and the child -Sexuality education 	<ul style="list-style-type: none"> - The family structure; types of family, the family as a social basis for informal moral training - The role of members of the family; - Sexuality and sexual conception 	<ul style="list-style-type: none"> - Concept of the family; meaning of family, types of family, role of family members - Family as a key for social learning; the role of the family in a child informal education - Moral learning and child brought-up - Sexuality/sex education concept; meaning of sexuality/sex education, responsible parenting, sexual harassment and its impact on the society. Factors influencing adolescent/youth behavior; modalities to mitigate delinquency in youth/adolescent.
Agricultural & Extension Education			
<ul style="list-style-type: none"> - Example of local food is garri - Example of foreign food is rice by song & recitation - We plant rice, we plant beans - We keep animal - Example of animal is bird, can you see the bird - We teach farmers, can you see the farm in the picture 	<ul style="list-style-type: none"> - Farming; types of food and animal -Farm product -Teaching the farmers on new method of farming -Visit to the farm 	<ul style="list-style-type: none"> - Agricultural practice; meaning of Agriculture, uses of Agriculture, factors affecting Agricultural practices, types of agriculture - Land use tenure; - Agriculture extension services; meaning, processes of extension, function of extension services and monitoring of the clientele 	<ul style="list-style-type: none"> - The concept of Agriculture: meaning of Agriculture, origin of agricultural programmes in Nigeria - Development of Agricultural policies - Agricultural laws and extension network - Origin/concept of extension services in Nigeria - Meeting the need of the clientele through research institutions information and farmers re-origination. - The Nigerian extension policies and prospects
Citizenship/National Value Education			
<ul style="list-style-type: none"> - The National Anthem, And The Pledge - I Love Nigeria, State & Capital - I am from Nigeria by Song & Recitation 	<ul style="list-style-type: none"> -State and Capital -Capital of Nigeria -The National Anthem -The National Pledge -Names of Local Government Chairman, State Governors and the President -Nigeria and West African Countries 	<ul style="list-style-type: none"> - Nigeria And West African States - Nigeria's Independence - Nigerian Constitutional Right Of Citizenship - Past And Present Leaders - Contribution Of Democracy To Nigerian's Leadership - System Of Nigerian Government; Arm of Government and their functions 	<ul style="list-style-type: none"> - Nigeria before independence - Nigeria and West African Countries (ECOWAS) - Nigerian independence: (The 1914 amalgamation of the Southern and the Northern protectorate - The Nigerian constitution; the right of the Nigerian citizen - The Nigerian system of Government - The responsibility of the Government and of the citizen
Entrepreneurship Education			
<ul style="list-style-type: none"> - Who is a trader: Okon is a trader by Song - Okon sells pen, pencil and exercise book - He has a shop at Garki Market 	<ul style="list-style-type: none"> -Definition of an Entrepreneur -What an Entrepreneur do -How to identify Entrepreneurial opportunities 	<ul style="list-style-type: none"> - Who is an entrepreneur; functions, identification of business opportunities, risk bearing - Contribution of an entrepreneur to National development 	<ul style="list-style-type: none"> - The concept of Entrepreneurship Education: An entrepreneur, developing and entrepreneurial spirit, factors for entrepreneurial development, opportunities identification. - Sources of income/capital for business start off - Types/role of Entrepreneur

<p>- He buys all his pencil, pen & books from Lagos and sells at Garki market</p>	<p>- Benefits of entrepreneurial education; to the student, community and the country - Value addition, generation of new ideas</p>	<p>- Factors limiting entrepreneurial development in Nigeria - Risk/risk bearing and the determination of an entrepreneur - Importance of entrepreneurial education to Nigerian's economy - National development and the spirit of enterprise - The millennium development goals and the place of entrepreneur for national building.</p>
<p>Distance and Open Learning Education - Many goes to school - She reads and write at school - She can stay at home and read with her computer - She read and write looking at her computer, can you see her on the picture - She is studying law, she can stay at home and study, the teacher gives her assignment on her computer can you see. - Buying and selling - Obinna buys and sells, he is an entrepreneur, can you. By Song and Recitation.</p>	<p>-Meaning of distance and open learning -The reason for distance learning in the state and country -How to learn in distance learning system - Materials used in open and learning system.</p>	<p>- The concept of open learning: meaning, types, means/medium of open/distance learning education, history of distance and open learning education, the Nigerian strive toward distance and open learning - Factors affecting distance/open learning education in Nigeria - Global network of learning: the distance and open education perspective. - The internet and open learning in developing counties; The Nigerian view</p>

3.1. Curriculum model for the contemporary issues discussed above

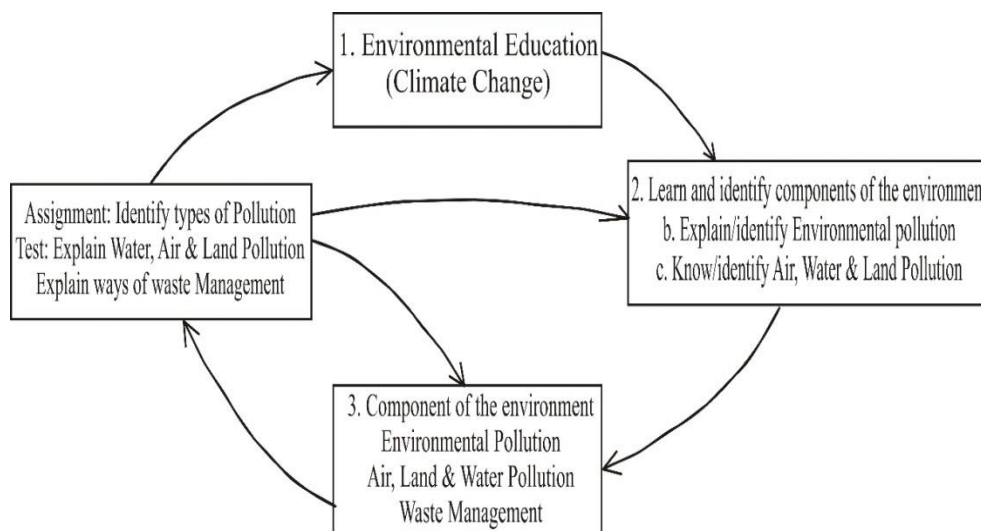
This unit covers the following models of curriculum design:

- 1) The Objective Model
- 2) The Process Model,
- 3) Tyler's Model,
- 4) Wheeler's Model,
- 5) Keer's Model

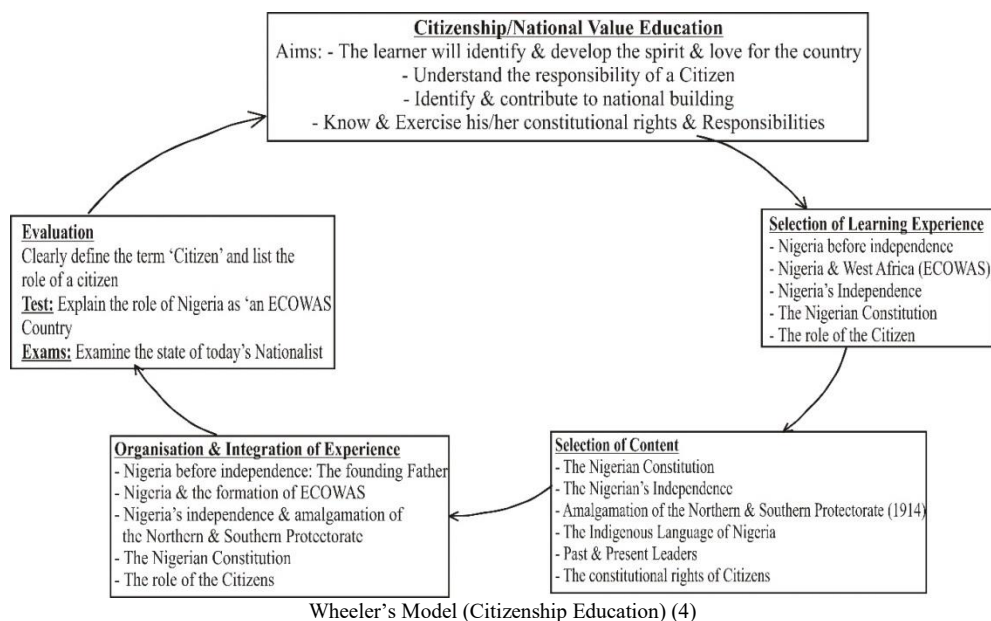
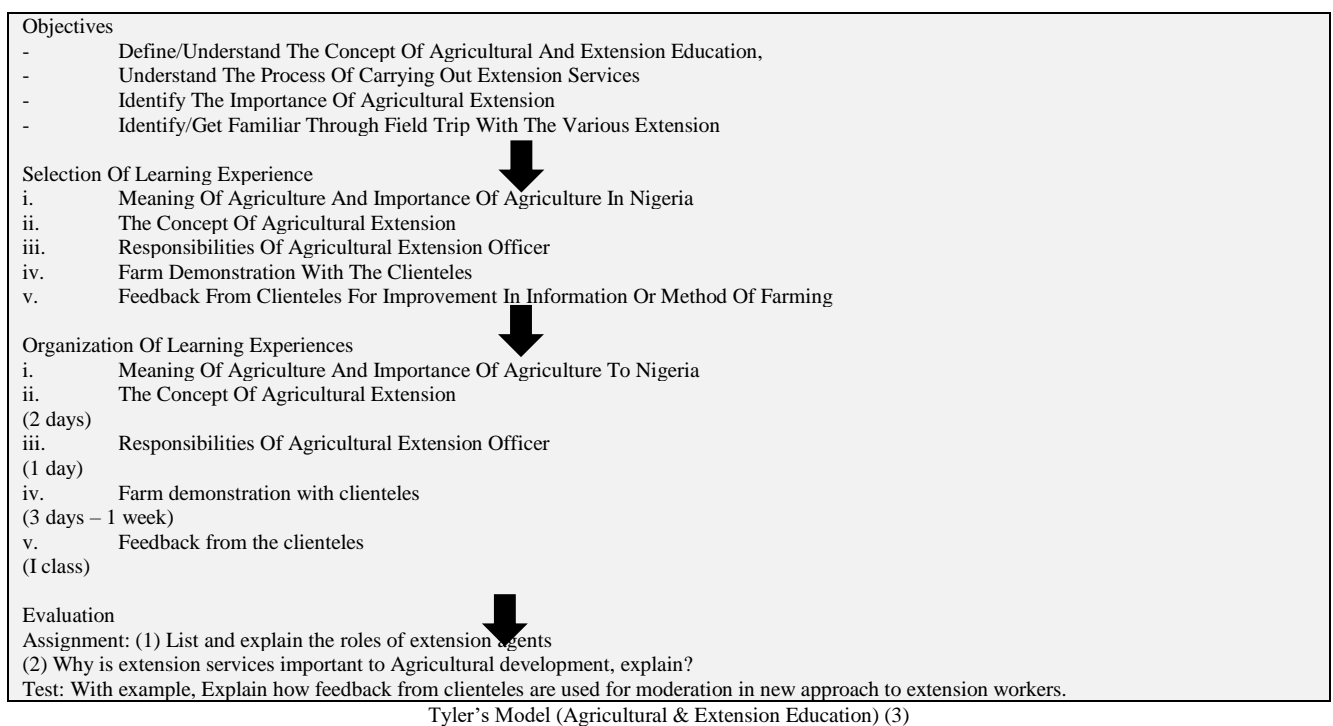
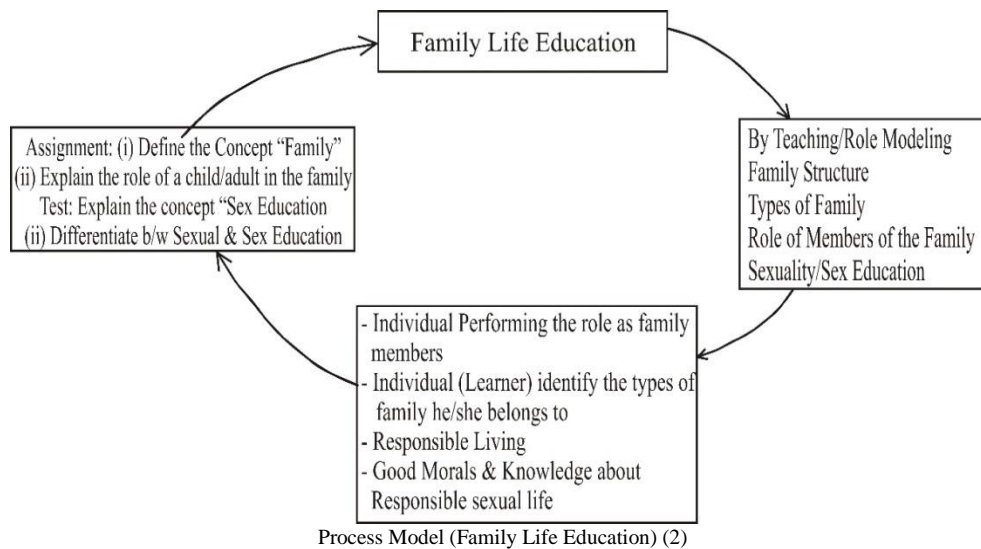
The Objective Model

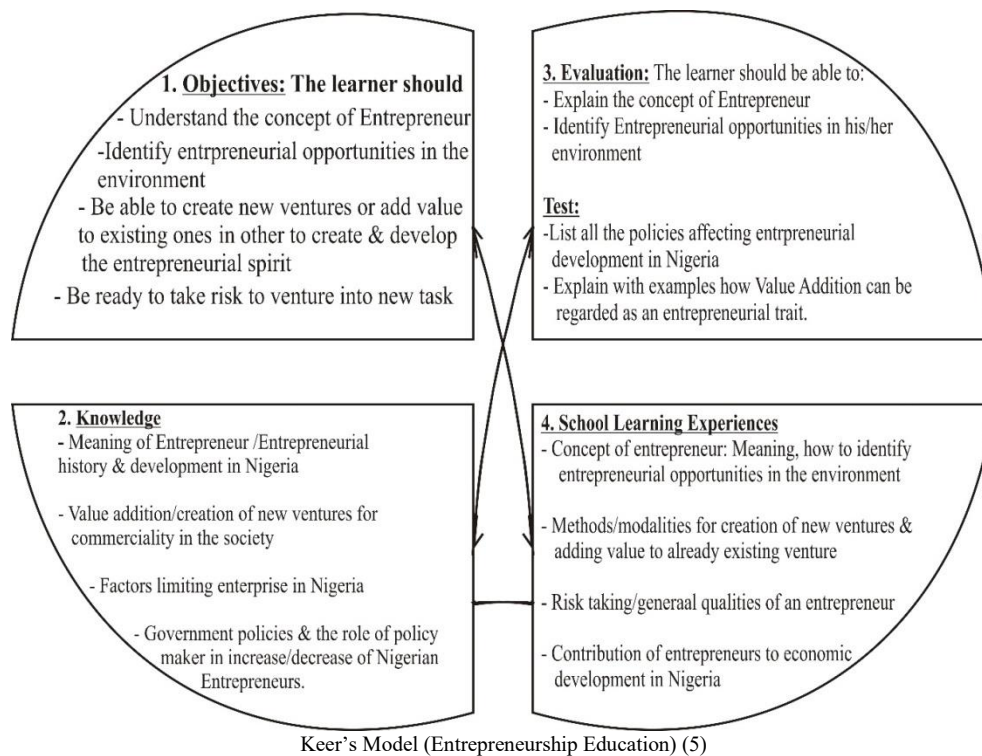
This model comprises of four main steps:

- Agreeing on brad aims which are analyzed into objectives
- Constructing a curriculum to achieve these objectives
- Refining the curriculum in practice by testing its capacity to achieve its objectives and
- Communicating the curriculum to the teachers through the conceptual framework of the objectives.



Objective Model (Environmental Education) (1)





4. Conclusion

The curriculum design models discussed show that curriculum designing is conducted stage by stage. Some of the models discussed consider the process to be more important than the objectives. While other models take objectives to be the most important feature of curriculum design. The various model presented on issues affecting the Nigerian system stresses the importance of considering factors affecting curriculum such as family planning , as the curriculum is meant to solve societal problems, as this will enhance economic and educational development.

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