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

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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 predetermine 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)

<table>
<thead>
<tr>
<th>Pre-primary Education</th>
<th>Primary Education</th>
<th>Secondary Education</th>
<th>Tertiary Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environment Education</td>
<td>- The meaning of water by singing</td>
<td>- The Ecosystem: Definition, Component And Management</td>
<td>- Ecosystem: concept, problems</td>
</tr>
<tr>
<td>- Sources and uses of water by singing</td>
<td>- Plants &amp; Animal In The Ecosystem Functioning</td>
<td>- Pollution; land, water and air pollution</td>
<td></td>
</tr>
<tr>
<td>- Our surroundings and you</td>
<td>- Environmental Pollution: Water, Air and Land pollution</td>
<td>- Land use; land use act, land degradation, soil formation processes</td>
<td></td>
</tr>
<tr>
<td>- How to keep our surroundings clean; by sweeping the floor, sweep the veranda, do not urinate anywhere, always use the toilet</td>
<td>- Waste management</td>
<td>- Water use: water sources, water management, water pollution</td>
<td></td>
</tr>
<tr>
<td>- How to avoid water pollution; how to avoid flooding, keep your sounding clean</td>
<td></td>
<td>- Air use: Air pollution, carbon dioxide circulation</td>
<td></td>
</tr>
</tbody>
</table>

Family Life Education

- Definition of the family; component of the family, types of family. The role of the father, mother and the child
- Sexuality education

Agricultural & Extension Education

- Example of local food is garri
- Farming; types of food and animal
- Example of foreign food is rice by song & recitation
- We plant rice, we plant beans
- We keep animal
- We keep animal is bird, can you see the bird
- We teach farmers, can you see the farm in the picture
- Farming; types of food and animal
- Teaching the farmers on new method of farming
- Visit to the farm

Citizenship/National Value Education

- State and Capital
- Capital of Nigeria
- The National Anthem
- The National Anthem, And The Pledge
- I Love Nigeria, State & Capital
- I am from Nigeria by Song & Recitation
- 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
- 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

- Who is a trader; Okon is a trader by Song
- He sells pen, pencil and exercise book
- He has a shop at Garki Market
- Definition of an Entrepreneur
- What an Entrepreneur does
- How to identify Entrepreneurial opportunities
- Who is an entrepreneur; functions, identification of business opportunities, risk bearing
- Contribution of an entrepreneur to National development
- 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
<table>
<thead>
<tr>
<th>He buys all his pencil, pen &amp; books from Lagos and sells at Garki market</th>
<th>Benefits of entrepreneurial education; to the student, community and the country</th>
</tr>
</thead>
<tbody>
<tr>
<td>He buys all his pencil, pen &amp; books from Lagos and sells at Garki market</td>
<td>Value addition, generation of new ideas</td>
</tr>
<tr>
<td>He buys all his pencil, pen &amp; books from Lagos and sells at Garki market</td>
<td>Factors limiting entrepreneurial development in Nigeria</td>
</tr>
<tr>
<td>He buys all his pencil, pen &amp; books from Lagos and sells at Garki market</td>
<td>Risk/risk bearing and the determination of an entrepreneur</td>
</tr>
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<td>He buys all his pencil, pen &amp; books from Lagos and sells at Garki market</td>
<td>Importance of entrepreneurial education to Nigerian’s economy</td>
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<td>National development and the spirit of enterprise</td>
</tr>
<tr>
<td>He buys all his pencil, pen &amp; books from Lagos and sells at Garki market</td>
<td>The millennium development goals and the place of entrepreneur for national building.</td>
</tr>
</tbody>
</table>

### 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.

### 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 broad 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.
Objectives
- Define/Understand The Concept Of Agricultural And Extension Education,
- Understand The Process Of Carrying Out Extension Services
- Identify The Importance Of Agricultural Extension
- Identify/Get Familiar Through Field Trip With The Various Extension

Selection Of Learning Experience
i. Meaning Of Agriculture And Importance Of Agriculture In Nigeria
ii. The Concept Of Agricultural Extension
iii. Responsibilities Of Agricultural Extension Officer
iv. Farm Demonstration With The Clienteles
v. Feedback From Clienteles For Improvement In Information Or Method Of Farming

Organization Of Learning Experiences
i. Meaning Of Agriculture And Importance Of Agriculture To Nigeria
ii. The Concept Of Agricultural Extension (2 days)
iii. Responsibilities Of Agricultural Extension Officer (1 day)
iv. Farm demonstration with clienteles (3 days – 1 week)
v. Feedback from the clienteles (1 class)

Evaluation
Assignment: (1) List and explain the roles of extension agents
(2) Why is extension services important to Agricultural development, explain?
Test: With example, Explain how feedback from clienteles are used for moderation in new approach to extension workers.
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.

References


