

PRINCIPLES OF CURRICULUM AND TEXT BOOK DEVELOPMENT

Objectives :

1. To develop understanding of the Principles of curriculum construction.
2. To understand and appreciate curriculum as a means of development of the individual.
3. To gain insight into the development of new curricula.
4. To develop understanding of the process of text book production and evaluation.
5. To develop understanding of the aspects of text book Organization and to gain insight in to the form and style of text book writing.

Unit 1 :- Terminology of curriculum

meaning and working definitions of :

- a) Curriculum, syllabus, course of studies and units
- b) Fusion, integration, intersubject correlation and Ultra subject correlation.
- c) Core and electives

Unit - 2 Philosophical Foundations of Curriculum Development

- a) Philosophical theories and their implications.
- b) Effect of ideologis stradition, cultural heritage and national development on curriculum.
- c) Implications of principles accepted in the Constitution of India.
Democracy, secularism, socialistic pattern of society, social justice and equality of opportunities.
- d) Implications of 'National Goals' and 'International Outlook'
- e) Notable Indian traditions and experiments
Gurukuls, Basic Education and Vishwa Bharati.

Unit - 3 Sociological Foundations.

- a) Changing needs of society
Technological industrial, economical and sociological and their effect on emerging curriculum.
- b) Curriculum as a tool for solving problems of Indian society enlisted as :

- i) National Integration (ii) Growing Population.
- iii) Conservation and utilization of national resources
- iv) Self sufficiency in food production
- v) Industrial growth and over urbanization.

Unit - 4 - Psychological Foundations.

- a) Social change, its nature, human nature and acceptance of the change
- b) Maturation and its implications in selection of curricular activities
- c) Individual differences and their implications in selection of curricular activities.

Unit.5 - Patterns of Organization and Agencies of curriculum change

- a) Organizational patterns :-
 - i) Organization by subjects and correlation of different subjects.
 - ii) Organization by units - subject - matter units and experience units
 - iii) Organization by core and electives
- b) Agencies - Role of following agencies
 - i) Demanding society (ii) Associations of subject - teachers and Parent-teacher-Association (iii) Research organizations :
 - CASE, NCERT etc. (iv) Government Department of Education.

Unit.6 - Research in curriculum Development

- a) Pilot project
- b) Fundamental research.
- c) Action Research.

Unit.7 :- Aspects of Textbook Organization -

- i) External ii) Internal

Unit.8 :- Textbook Writing

- a) Selection of appropriate and objective based learning situations.
- b) Style of presentation
- c) Visuals
- d) Motivational factors.
- e) Exploration.
- f) Provision of assignments and activities for fixation and enrichment
- g) General organization : Chapterization, paragraph headings, logical and Psychological considerations.

Unit.9 :- Textbook Production-

Important dimensions of textbook production-

- i) Preparation
- ii) Production
- iii) Distribution
- iv) Use
- v) Try-out by experts and research workers
- vi) Revision
- vii) Additional instruction at material :
Teacher's handbook, practice book, work book and instructional kit, reading- references and activities for enrichment and fixation.

Unit.10 :- Evaluation of Textbooks.

- a) Use of appraisal tools - Opinnaires and rating scales
- b) Content Analysis Techniques
- c) Experimental procedure.

Practical Work :

- 1) Visit to Agencies producing textbooks e.g.M.S. bureau of text book production and curriculum research.

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Recommended Books

1. Association of Supervision and Curriculum Development, N.E.A. : Balance in Curriculum (Year Book 1961)
2. UNESCO : Psychological Foundation of Curriculum 1962.
3. Ministry of Education : The Improvement of Curriculum in Indian Schools H.E.Harary.
4. Taba H. : Curriculum Development Theory and Practice By Harcours, Brace and World, N.Y.
5. Anderson, V.E. : Principles and Procedures of Curriculum Improvement The Ronald Press Company N.Y.
6. Tyler, R.W. : Principles of curriculum and Instruction - University of Chicago Press.
7. Leese Frasure and Johnson : The teacher in Curriculum Making - Harper and Row N.Y.
8. Christine, C.T. & Christine, : **Practical guide to Curriculum and Instruction** Parket Publish Company Lnc. N.Y.
9. Saylor and Alexander : Curriculum Planning Holt Rinchart and Winstos, N.Y.
10. Hall Quest Alfred, L. : The Textbook : How to Use it Judge it? Macmillan & Company.
11. Department of Textbooks NCERT, New Delhi. : Preparation and Evaluations Text books in Mother Tongue Second language, English History Geography, Social Studies, General Science, Physics, Biology (at Middle School Stage)
12. M.S. Bureau of Testbook Production & Curriculum : Research Publication Nos. 8th & onward (Set of various research Publications)
13. Holsti Ole R. : Content Analysis for the Social Sciences and Humanities Addison-Wesley Publishing Company.
14. Faunce R.C. & Bossing, N.L. : Developing the Core Curriculum Prentice- Hall of India Pvt. Ltd., New Delhi.
15. Gwynn J.Minor : Curriculu Principles and Social Trends - The Macmillan Company N.Y.