

B.Ed OPTIONAL COURSE
HOME SCIENCE -I

OBJECTIVES:

At the end of the course, the student - teachers will be able to

- understand the nature and scope of Home Science.
- acquaint with the objectives of teaching Home Science in secondary and higher secondary schools and help them to plan learning activities according to those objectives.
- acquire skills in planning a lesson with reference to methods and instructional materials and processing it effectively.
- Understand the various methods and techniques that can be employed in the teaching of Home Science and to afford them opportunities to employ the various techniques in the classroom teaching.
- develop a practical understanding of the technology of teaching Home Science and giving them practice in the use of various aids relating to the technology of teaching.
- get an insight into the organization of co-curricular activities like Home Science clubs and home science exhibition.

Unit-I Nature and Scope of Home Science

Meaning and scope of Home Science- philosophy of Home Science- Home Science and National development.

Unit-II Importance and values of Home Science education

Values- psychological values- economic values- social values- cultural and aesthetic values- spiritual and ethical values.

Unit-III Aims and objectives of Home Science

Goals and objectives of teaching Home Science- classification of objectives in specific behavioral terms- cognitive domain, knowledge, comprehension, application, analysis- affective domain, adjustment, scientific attitudes, values, appreciation and interest.

Unit-IV Microteaching

Principles of microteaching- components- teaching relevant skills- skill of explaining- skill of stimulus variation- skill of reinforcement- skill of questioning- skill of blackboard writing- need for link lesson- practice in microteaching program.

Unit-V Teacher's plan of action

Lesson planning- importance of lesson plan- writing instructional objectives- planning for specific behavioral change catering to differing abilities of pupils in a class-unit planning- preparation and use of unit plan.

Unit-VI Methods of teaching Home Science

Lecture method- lecture cum demonstration method- laboratory method- problem-solving method- role-playing- discussion- seminar- symposium and dramatization.

Unit-VII Modern techniques in teaching Home Science

Assignments- supervised study- team teaching- brain storming- programmed instruction- linear and branching type.

Unit-VIII Hardware educational technologies

Uses and principles of hardware-T.V, Film, slides, over-head projector, tape-recorder, radio.

Unit-IX Software Educational technologies

Use and principles of software - chalkboard, bulletin board, chart, posters, flannel board, magnetic board, models.

Unit-X Co curricular activities in Home science

Importance of field trip- Organizing exhibition- organizing Home Science club

SUGGESTED REFERENCE BOOKS:

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