

ESSENCE STATEMENT

Home Science is a dynamic interdisciplinary field of study that seamlessly integrates elements from both science and art. Its aim is to empower learners with a comprehensive understanding of Foods and Nutrition, Home Management, and Clothing and Textiles. By nurturing their knowledge, skills, attitudes, and values, Home Science empowers learners to effectively address the diverse needs of the individual, family, and community.

Aligned to the social pillar of Kenya Vision 2030, Home Science underscores the pivotal roles of education, health, environment, gender equality, youth development, child welfare, housing, water, and sanitation. Within this framework, learners not only deepen their comprehension of resource conservation, food production, hygiene practices, and production techniques but also cultivate a deeper sense of responsibility towards societal well-being through knowledge and skills acquired in previous grades.

Furthermore, Home Science serves as a cornerstone for learners to explore and identify their unique talents and passions, potential careers, and opportunities to pursue further education and training. It lays a solid foundation for pathways into various fields such as Health, Nutrition and Dietetics, Food Science and Technology, Clothing and Textiles, Interior Design, Hospitality, Fashion, and Social Work. Competencies in Foods and nutrition will equip learners with abilities in meal planning, food preparation, cooking and service. Home management section will entail hygiene, laundry work, interior decoration, consumer education, maternal health and child care. The Clothing and Textiles component of Home Science is specifically designed to equip learners with essential skills pertaining to sewing tools, equipment, materials, textile fibers, and basic clothing construction processes.

In the senior school curriculum, learners are provided with opportunities to explore locally available materials while mastering the safe and proficient use of various tools and equipment essential for clothing construction processes, food preparation and home management. This hands-on approach not only enhances practical skills but also fosters creativity and innovation in utilizing indigenous resources effectively. Overall, Home Science serves as a foundational pillar for personal development, societal contribution, and career exploration in various related fields.

GENERAL LEARNING OUTCOMES

By the end of Senior School, the learner should be able to;

- a) Apply knowledge on nutritive value of food to prevent and manage nutritional deficiency diseases and disorders for healthy living.
- b) Utilise knowledge, skills and attitudes in meal planning, preparation, cooking, presentation and preservation of food for a healthy life.
- c) Exploit individual talents in food preparation, cooking and service for leisure, self-fulfillment and entrepreneurship.
- d) Develop skills for proper care of the home, care and maintenance of clothes and household articles in day-to-day life.
- e) Apply principles of consumer education for family financial management
- f) Choose fabrics for various uses based on their different characteristics.
- g) Apply various techniques in drafting and grading basic pattern blocks for constructing garments.
- h) Construct garments using various clothing construction techniques.
- i) Appreciate Home science as a subject and the role it plays in improving the life of an individual, family and the nation.