

# Housing and Design 12

*Foundational Outcomes*

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## Housing and Design 12

The Foundational Outcomes identified in this document represent outcomes determined to be relevant for future learning in the discipline. The foundational outcomes are meant to guide teachers in making decisions about creating learning experiences that will prepare and engage their learners in a responsive way. However, a teacher's professional judgment remains the most crucial factor for responding effectively to the needs of learners.

Learning Outcomes Students will be expected to

1. collect and reflect on artifacts that exemplify their skill development as prescribed in the Housing and Design curriculum outcomes
2. identify life-work benefits of developing skills related to housing and living environments
3. analyze the functions of housing and the factors affecting decisions about living spaces
4. explore the innovations in planning and development of housing ecosystems
5. develop an awareness of the process involved in planning and analyzing physical living spaces
6. identify and explore the elements and principles of design and their application in housing and interior design

Unit 1: The Housing and Design Skills Portfolio

- 1.1 maintain and share a portfolio of artifacts reflective of knowledge, skills, and understandings developed throughout Housing and Design 12
- 1.2 plan, produce, and present an innovative housing and design project that reflects personal expression, technological skills, and resource management

Unit 2: Career Options Related to Housing and Living Environments

- 2.1 analyze how an understanding of the art, science, and technology of housing can contribute to the exploration of possible career opportunities as well as being a knowledgeable housing consumer
- 2.2 analyze the career paths related to housing in Nova Scotia, reporting on the education/training, skills required and the nature of the work involved
- 2.3 identify the entrepreneurial opportunities in the housing and design industry in Nova Scotia, reporting on how the skills required might be developed

Unit 3: Living Spaces—Choices and Decisions

- 3.1 identify and reflect on the functions of housing
- 3.2 assess how personal priorities, space, roles, cost, life cycle, and lifestyle are factors in the selection of living spaces
- 3.3 evaluate the impact of external influences on personal housing decisions

Unit 4: Innovations in Housing Ecosystems

- 4.1 analyze the impact of technology on the housing environment today
- 4.2 compare and contrast trends that espouse sustainable housing ecosystems
- 4.3 investigate the scope and skills required for maintenance and upkeep of living spaces
- 4.5 critique the ecological impact of urban/community planning, landscaping, and architecture on housing options

Unit 5: Components of Housing Design and Layout

- 5.1 match housing needs, wants, and resources with available housing options

5.2 read and interpret floor plans for efficiency of layout and design

5.3 develop manual and technological skills in creating floor plans in both two and three dimensions

5.4 develop a consumer awareness of the mandatory requirements in the design and construction process-

5.5 become knowledgeable about local available resources and support for new renovation technologies in our Nova Scotia economy

#### Unit 6: Interior Design

6.1 apply the principles of design to creating functional, universal, and aesthetically pleasing spaces for home and work

6.4 collaborate in the development of a remodelling or renovation proposal for a living or work space to accommodate the needs and wants of a potential client in Nova Scotia