

## Beekeeping and Honey Processing

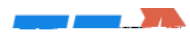
PEIMS Code: N1300273

Abbreviation: BEEKHP

Grade Level(s): 10-12

Award of Cr032Bradg



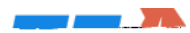


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- (B) explain the different roles played by the different types of honey bees; and
  - (C) demonstrate knowledge of honey bee development, castes, bee behavior, division of labor, and the life cycle.
- (4) The student analyzes beehive design and development. The student is expected to:
- (A) identify the site characteristics required for successful beehive production;
  - (B) evaluate the factors such as climatic characteristics and food sources for a potential beehive to determine if it is suitable for honey harvesting and pollination;
  - (C) research and compare successful beehives in other parts of the world with similar local conditions; and
  - (D) develop a beehive design and installation plan including shelter concerns, solar, topographical, human and animal habitation, and good neighbor policy.
- (5) The student evaluates technology and practices for weatherizing the hive. The student is expected to:
- (A) demonstrate knowledge of the environmental conditions that lead to bee colonies adapting to extremes in climate conditions- summer, autumn, and winter management; and
  - (B) identify and practice winterizing hives and an effective course of action.
- (6) The student demonstrates beehive management techniques. The student is expected to:
- (A) identify the tools of an apiarist and demonstrate safe usage of tools;
  - (B) demonstrate





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- with transportation, storage, product handling, and inventory control;
- (B) explain how distribution can add value to goods, services, and intellectual property; and
- (C) determine costs associated with distribution.

### Recommended Resources and Materials:

Standards-aligned curriculum in Agricultural Science using ICEV's Agricultural Science curriculum

Texas A&M University, "The Texas A&M Honey Bee Lab," accessed December 14, 2021,  
<http://honeybeelab.tamu.edu>

### Recommended Course Activities:

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