



PRODUCT DEVELOPMENT

Career Development Events Information

Product Development, a 2-person team event, recognizes participants' ability to demonstrate their knowledge of the basic concepts of food product development by creating an original *prototype formula*, testing the product through *focus groups*, and developing education materials for the consumer. Participants will demonstrate their knowledge of food science, nutrition, food preparation safety and educational materials.

Level 3

Career Clusters



Ohio Family and Consumer Sciences Technical Content Standards

- 1.1 Personal and Professional Skills
- 1.2 Career Exploration
- 1.3 Leadership and Communications
- 1.4 Resource Management and Information Technology
- 3.1 Nutritional Information
- 3.3 Food Selection
- 3.4 Food Safety and Sanitation
- 3.5 Food Preparation

Ohio Hospitality and Tourism Technical Content Standards

- 1.1 Employability Skills
- 1.2 Leadership and Communications
- 1.3 Business Ethics and Law
- 1.4 Knowledge Management and Information Technology
- 1.6 Business Literacy
- 1.7 Entrepreneurship/Entrepreneurs
- 1.8 Operation Management
- 1.9 Financial Management
- 1.10 Sales and Marketing
- 2.3 Brand Positioning
- 2.4 Market Research
- 2.5 Brand Communications
- 2.6 Customer Services
- 3.1 Pathogens, Illness and Diseases
- 3.2 Personal Safety and Sanitation
- 3.3 Food Safety and Sanitation
- 3.4 Equipment Safety and Sanitation
- 3.5 Site Safety and Sanitation
- 4.1 Culinary Industry Fundamentals
- 4.3 Ingredient Selection and Preparation
- 4.4 Food Staples and Sides Preparation
- 4.7 Beverage Preparation
- 5.4 Specialized Decorating and Presentation
- 6.1 Food Science
- 6.2 Nutritional Analysis



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- 6.3 Research for Recipe Development
- 6.4 Menu Development
- 7.1 Purchasing and Inventory Management
- 7.2 Kitchen Management and Distribution

FCCLA National Program



National Family and Consumer Sciences Standards

Reasoning for Action Comprehensive Standards

- 1.0 Career, Community, and Family Connections
- 2.0 Consumer and Family Resources
- 8.0 Food Production and Services
- 9.0 Food Science, Dietetics, and Nutrition
- 10.0 Hospitality, Tourism, and Recreation
- 13. Interpersonal Communications

This project is a State only competition.

