

Food Science and Technology CDE

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Career Development Purpose and Objectives:

Purpose:

To stimulate learning activities in food science and technology related to the food industry and to assist students in developing a good working knowledge of sound principles used in a team decision-making process.

Objectives:

To encourage FFA members to gain an awareness of career and professional opportunities in the field of food science and technology, marketing and management occupations.

To give FFA members the opportunity to experience group participation and leadership responsibilities in a competitive food science and technology program.

To help FFA members develop technical competence and personal initiative in a food science and technology occupation.

To provide opportunities for FFA members to participate in activities where they gain an appreciation for cooperative effort in the food industry.

Related Content Standards – Humanities:

Standard 1: Acquisition and use of language

Goal 1.1: Listening

7-12.WL1.1.1.1 Comprehend basic vocabulary in isolation and in context.

7-12.WL1.1.1.2 Capture essential information from everyday conversations and short passages (e.g., cognates, context clues).

Goal 1.2: Speaking

7-12.WL1.1.2.1 Use basic vocabulary to respond to familiar prompts.

7-12.WL1.1.2.2 Express preferences, desires, opinions, and feelings.

7-12.WL1.1.2.3 Use appropriate level of politeness in simulated social exchanges.

Goal 1.3: Reading

7-12.WL1.1.3.1 Decode written text, diacritical marks, and symbolic systems.

Standard 2: Critical Thinking

Goal 2.1: Analysis of Language Elements and Products

7-12.WL1.2.1.2 Derive meaning from word order.

Related Content Standards – Language Arts:

9-12 Grade Speech

Standard 6: Communication

9-12.Spch.6.1.3 Draw conclusions about the ideas under discussion and support those conclusions with convincing evidence. (753.03.a)

Related Content Standards – Mathematics:

9th Grade Math

Standard 1: Number and Operation

Goal 1.1: Understand and use numbers

9.M.1.1.1 Apply properties of rational numbers. (347.01.b)

9.M.1.1.2 Use positive and negative numbers, absolute value, fractions, decimals, percentages, and scientific notation, including application in real world situations. (347.01.a)

9.M.1.1.3 Apply properties of exponents. (347.01.c)

9.M.1.1.4 Identify exact and approximate roots without simplification.

9.M.1.1.5 Solve problems using number theory concepts (factors, multiples, primes).
(347.01.d)

9.M.1.1.6 Use appropriate vocabulary.

Goal 1.2: Perform computations accurately.

9.M.1.2.1 Use the order of operations and perform operations with rational numbers.
(347.02.a)

Goal 1.3: Estimate and judge reasonableness of results.

9.M.1.3.1 Apply number sense to everyday situations and judge reasonableness of results.
(347.03.a)

9.M.1.3.2 Identify that error accumulates in a computation when there is rounding.
(349.05.b)

Related Content Standards – Science:

Related Content Standards – Social Studies Economics:

9-12 Grade Economics

Standard 3: Economics

Goal 3.1: Explain basic economic concepts.

9-12.E.3.1.1 Define scarcity and explain its implications in decision making. (510.01a)

9-12.E.3.1.2 Identify ways in which the interaction of all buyers and sellers influence prices. (510.01b)

9-12.E.3.1.3 Identify the incentives that determine what is produced and distributed in a competitive market system. (510.01d)