## Managing Food Allergies in the Cafeteria:

 The role of school food service managers and staff

Connecticut State Department of Education Bureau of Child Nutrition Programs

## About this Presentation

This presentation provides general guidance regarding the requirements for meal modifications for food allergies in the school nutrition programs

- Public schools
- Private schools
- Residential child care institutions (RCCIs)


## About this Presentation

For specific questions or technical assistance, please contact the Connecticut State Department of Education (CSDE)

https://portal.ct.gov/SDE/Nutrition/Contact-Information-for-School-Nutrition-Programs

## School Nutrition Programs

- National School Lunch Program (NSLP)
- School Breakfast Program (SBP)
- Seamless Summer Option (SSO) of the NSLP
- Afterschool Snack Program (ASP) of the NSLP
- Special Milk Program (SMP)
- Fresh Fruit and Vegetable Program (FFVP)
- Child and Adult Care Food Program (CACFP) At-risk Supper Program implemented in schools

https://portal.ct.gov/SDE/Nutrition/School-Nutrition-Programs


## Acronyms

CGS Connecticut General Statutes
CNPs Child Nutrition Programs
CSDE Connecticut State Department of Education
LEA local educational authority
NSLP National School Lunch Program
SBP School Breakfast Program
SFA school food authority
SNPs school nutrition programs
USDA U.S. Department of Agriculture

## Objectives

- Provide an overview of the federal nondiscrimination laws regarding meal modifications in school nutrition programs
- Identify SFA responsibilities for meal modifications for children with food allergies
- Discuss four actions for school food service staff to maintain safe eating environments for children with food allergies
- Access food allergy resources for school food service staff


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# Overview of Federal Nondiscrimination Laws and Requirements 



## Federal Nondiscrimination Laws

- Section 504 of the Rehabilitation Act of 1973
- Individuals with Disabilities Education Act (IDEA)
- Americans with Disabilities Act (ADA) of 1990 and the ADA Amendments Act of 2008
- USDA Nondiscrimination Regulations (7 CFR 15b)

Ensure children with disabilities have access to USDA's CNPs


- A physical or mental impairment that substantially limits one or more major life activities OR
- A record of such an impairment OR
- Being regarded as having such an impairment
- Food allergies are generally considered to be a disability, even if they are not life-threatening or severe

Disabilities
Definition (ADA)

## ADA Amendments Act (2008) Expanded Definition of Disability

Major life activities

- Caring for one's self
- Performing manual tasks
- Seeing
- Hearing
- Eating
- Sleeping
- Walking
- Standing
- Lifting
- Bending
- Speaking
- Breathing
- Learning
- Reading
- Concentrating
- Thinking
- Communicating
- Working



## Examples of Disabilities that May Require Meal Modifications *

- Autism
- Cancer
- Celiac disease
- Cerebral palsy
- Diabetes
- Food allergies (including non-life-threatening)
- Food intolerances, e.g., lactose, gluten
- Heart disease
- Metabolic disorders
- Obesity
- Phenylketonuria (PKU)
- Seizure disorder
- Certain temporary disabilities
* Not all-inclusive and might not require meal modifications for all children (case-by-case basis)


## USDA Nondiscrimination Requirements

- Children with disabilities must be able to participate in and receive benefits from programs that are available to children without disabilities



## USDA Nondiscrimination Requirements

- SFAs must provide a reasonable* modification if disability restricts child's diet
* A change or alteration in policies, practices, and/or procedures to accommodate a disability that ensures children with disabilities have equal opportunity to participate in or benefit from a program


## Requirements for Meal Modifications

- Must be based on recognized medical authority's diagnosis of child's medical condition



## Requirements for Meal Modifications

- Must be documented with a medical statement signed by a recognized medical authority OR
- Individualized Education Program (IEP) Plan
- Section 504 Plan



## Recognized Medical Authority

A state-licensed health care professional authorized to write medical prescriptions under state law and recognized by Connecticut State
Department of Public Health

- Physicians (MD)
- Physician assistants (PA or PAC)
- Doctors of osteopathy (DO)
- Advanced practice registered nurses (APRN)

Cannot accept medical statements signed by any other individuals

## Medical Statement

- Must include 3 elements

1. Information about child's physical or mental impairment (disability) that is sufficient to allow the SFA to understand how the impairment restricts the child's diet
2. An explanation of what must be done to accommodate the child's disability
3. If appropriate, the food or foods to be omitted and recommended alternatives

## Medical Statement

- Not required when meals meet the meal patterns

Example: Substituting foods from the same component, such as chicken for cheese



Obtain medical statement to ensure clear communication about modifications within the meal patterns

## CSDE Resource

## Guide to Meal Modifications in School Nutrition Programs

- Required meal modifications for children with a disability
- Optional meal modifications for children without a disability


Guide to Meal Modifications in School Nutrition Programs


## CSDE Presentation

## Requirements for Meal Modifications in School Nutrition Programs



Connecticut State Department of Education
Bureau of Health/Nutrition, Family Services and Adult Education Child Nutrition Programs
https://portal.ct.gov/-/media/SDE/Nutrition/NSLP/SpecDiet/ Managing_Food_Allergies_in_Cafeteria_SNP_Presentation.pdf

## CSDE Webpage

## Special Diets in School Nutrition Programs

- Guides (USDA and CSDE)
- Memos (USDA and CSDE)
- Summary of requirements
- Presentation
- Policy development
- Resources


## 

Special Diets in School Nutrition Programs


What's Next
Documents/Forms
Related Resources
Laws/Regulations
Contact

Provided by:
Department of Education Milk Program (SM
Children with a Disability

School Nutrition Programs | Program Guidance | Forms | Resources | Nutrition Education
The Connecticut State Department of Education's (CSDE) Accommodating Special Diets in School (USDA) school nutrition programs on providing meals for children with special dietary needs, based on federal laws and USDA regulations. School nutrition programs include the National School Lunch Program (NLLP), School Breakfast Program (SBP), Afterschool Snack Program (ASP) of the NSLP, Milk Program (SMP).

The USDA requires reasonable meal modifications on a case-by-case basis for children whose disability eestricts their diet, based on a medical statement signed by a recognized medical authority. The physicians (doctors of medicine or osteoppathy), physician assistants, and advanced practice registered nurses (APRNs), including nurse practitioners, clinical nurse special ists, and certified nurse anesthetists who are licensed as APRNs.
Children without a Disability
The USDA allows, but does not require, meal modifications for children whose special dietary needs do not constitute a disability, including those related to religious or moral convictions, general health because a parent believes it is better for the child. FFAs may choose to make these accommodations on a case-by-case basis. All meal modifications for children without disabilities in grades $K-12$ must comply with the USDA meal patterns for grades $K-12$ and all meal modifications for preschoolers without disabilities must comply with the USDA meal patterns for preschoolers.
The CSDE encourages school nutrition programs to develop a written policy and standard operating procedures $(S O P$ s) for special dietary accommodations in school meals. For information on developing policies, llick on What's Next in the left navigation bar.

CSDE Guidance
Allowable Milk Substitutes for Children without Disabilities \%
Accommodating Special Diets in School Nutrition Programs \%
CSDE Operational Memo No. $13-17$ \% : Requirements for Meal Modifications in the School Nution frograms
Ser-assessment of Local Practices for Special Dies in School Nutrition Programs ? Summary of Requirements for Accommodating Special Diets in School Nutrition Programs ?]

## Managing Food Allergies in the Cafeteria



## Preventing Allergic Reactions

The only way to prevent an allergic reaction is to avoid exposure to the allergen

Remember: Even a tiny amount of an allergen can cause a severe and potentially life-threatening reaction

## Terms to Know

## Food allergy

An exaggerated response by the immune system to a food that the body mistakenly identifies as being harmful

## Allergen

A food protein that triggers an immune response and causes an allergic reaction

## Managing Food Allergies in the Cafeteria

- Can often be accommodated within meal patterns

Example: If a child has an allergy to a specific fruit or vegetable, SFA may substitute another fruit or vegetable in the meal


## Managing Food Allergies in the Cafeteria

- Follow district's food allergy management plan for children with life-threatening food allergies



## Managing Food Allergies in the Cafeteria

- District's food allergy management plan is required by
Connecticut General
Statute 10-212c
- Must be based on CSDE's guidelines

https://www.cga.ct.gov/current/pub/chap_169.htm\#sec_10-212c


## CSDE Resource

## Guidelines for Managing Life-threatening Food Allergies in Connecticut Schools <br> Includes roles and responsibilities for school nurse and school food service staff


https://portal.ct.gov/SDE/Publications/Managing-Life-Threatening-Food-Allergies-in-Connecticut-Schools

## Managing Food Allergies in the Cafeteria

- Follow other applicable district requirements and guidance
- Food service policies
- Standard Operating Procedures (SOPs)



## SFA's Overall Responsibilities for Food Allergies

1. Provide a safe meal and safe environment to consume the meal


## SFA's Overall Responsibilities for Food Allergies

2. Ensure modified meals meet each
child's prescribed guidelines and are free of all ingredients suspected of causing an allergic reaction


## SFA's Overall Responsibilities for Food Allergies

3. Use proper storage, preparation, and cleaning techniques to prevent exposure to allergens through cross-contact


## SFA's Overall Responsibilities for Food Allergies

4. Make nutrition information available to students, families, school nurses, and others as needed

## What Food Service

## Managers and Staff Can Do: Four Key Actions



## Overview of Four Key Actions

1. Recognize students with food allergies
2. Read food labels
3. Prevent cross-contact of possible food allergens
4. Promote communication and teamwork


## Four Key <br> Actions for

School Food Service Staff


## Recognize Students



## Recognize Students

- Follow district procedures for identifying students with food allergies
- Get to know and recognize students with food allergies

You are the first line of defense in ensuring safe meals for students!

## Laws for Identifying Students

Federal laws do not allow

Outward<br>identification of students whose disability requires a meal modification

Example: Posting lists of students' dietary needs in public areas

## Laws for Identifying Students

Federal laws do not allow

Asking students or parents to relinquish confidential medical information through outward identification

Example: Asking students or their parents to consent to a physical designation, such as wearing a lanyard, bracelet, pin, sticker, or similar item

## Laws for Identifying Students

District policies and practices must

- protect privacy of children who have a disability
- maintain confidentiality of each child's medical condition


## Laws for Identifying Students

Federal laws allow

Sharing of confidential student information among school staff for legitimate educational interest, such as meal modifications

School nurse
School food service

## USDA <br> Recommended Practices for Identifying Students

- Conduct daily
pre-service meeting with food service stafff to review all menu items and potential allergens
- All servers and cashiers must be able to identify menu items that should be avoided for certain dietary restrictions


## USDA <br> Recommended Practices for Identifying Students



- Use point-of-sales (POS) cash register system
- Watch for alerts
- Do not allow
students to take any
items that might contain their allergen


## USDA <br> Recommended Practices for Identifying Students

- Maintain students' confidentiality by focusing on identifying meals that meet specific dietary criteria, e.g., lactose-free, nut-free
- Use different colored plates or trays
- Use colored tags or labels, placards, or similar signage


## USDA <br> Recommended Practices for Identifying Students

- Post information about students' dietary needs in locations visible only to school food service staff
- Kitchen
- Behind counters and serving lines


## USDA <br> Recommended Practices for Identifying Students

- Provide ongoing communication to parents to explain
- district's procedures for meal modifications
- school menus
- how cafeteria ensures allergen-free meals

Parent forums or meetings
District policy
Website

E-mails Newsletters Menu backs

## Four Key

Actions for
School Food Service Staff


## Read Food Labels



## Know What to Avoid

- Understand how to read food labels
- Read all food labels for potential food allergens
- Check labels each time a food is purchased


## Know What to Avoid

■ Check with manufacturer if unsure about an ingredient

- Consumer hotlines
- Maintain food labels and recipes on file



## Work with Vendors to Obtain Food Labels

- Maintain vendor contact information to access food label information
- Check deliveries to ensure correct items are received



## Work with Vendors to Obtain Food Labels

- Ensure that vendors alert school food service staff before making product substitutions
- Read labels for all new products to check for potential allergens



## Food Allergen Labeling Laws

## 2004: Food Allergen Labeling and Consumer Protection Act (FALCPA)

Identifies 8 major food allergens required on food labels (milk, egss, fish, shellfish, tree nuts, peanuts, wheat, and soybeans)

## 2021: Food Allergy Safety, Treatment, Education and Research (FASTER) Act

## Requires that sesame

 must be labeled on packaged foods beginning January 1, 2023FALCPA: https://www.fda.gov/food/food-allergensgluten-free-guidance-documents-regulatory-information/food-allergen-labeling-and-consumer-protection-act-2004-questions-and-answers

FASTER Act: https://www.congress.gov/117/plaws/publ11/PLAW-117publ11.pdf

## Eight Major FALCPA Allergens + Sesame

1. Milk
2. Eggs
3. Peanuts
4. Tree nuts, e.g., almonds, cashews, pistachios, pecans, walnuts, hazelnuts
5. Wheat
6. Fish, e.g., bass, flounder, trout, cod, salmon
7. Crustacean shellfish, e.g., crab, lobster, shrimp
8. Soy
9. Sesame


## Three Ways to Identify Allergens

1. In ingredients list, using allergen's common name

## Examples

Milk, cod, shrimp, walnuts

## Three Ways to Identify Allergens

2. In ingredients list in parentheses, when ingredient is a less common form of the allergen

## Example

Ingredients: Whey protein (milk), lecithin (soy), cherry, sugar, natural flavors (almond), salt.

## Three Ways to Identify Allergens

3. Using the word "contains" followed by name of allergen

- Listed after ingredients


## Example

Ingredients: Whey protein, lecithin, cherry, sugar, natural flavors, salt. Contains: Milk, soy, and almond.

## Knowledge Check: What's in a name?

## Indicate the major allergen for each ingredient



## Knowledge Check: What's in a name?

## Ingredient <br> Albumin

Allergen

## Knowledge Check: What's in a Name?

| Ingredient | Allergen |
| :--- | :--- |
| Albumin | egg |

## Knowledge Check: What's in a name?

| Ingredient | Allergen |
| :--- | :--- |
| Albumin | egg |
| Bulgur |  |

## Knowledge Check: What's in a name?

| Ingredient | Allergen |
| :--- | :--- |
| Albumin | egg |
| Bulgur | wheat |

## Knowledge Check: What's in a name?

| Ingredient | Allergen |
| :--- | :--- |
| Albumin | egg |
| Bulgur | wheat |
| Casein |  |

## Knowledge Check: What's in a name?

| Ingredient | Allergen |
| :--- | :--- |
| Albumin | egg |
| Bulgur | wheat |
| Casein | milk |

## Knowledge Check: What's in a name?

| Ingredient | Allergen |
| :--- | :--- |
| Albumin | egg |
| Bulgur | wheat |
| Casein | milk |
| Peanut protein hydrolysate |  |

## Knowledge Check: What's in a name?

| Ingredient | Allergen |
| :--- | :--- |
| Albumin | egg |
| Bulgur | wheat |
| Casein | milk |
| Peanut protein hydrolysate | peanuts |

## Knowledge Check: What's in a name?

| Ingredient | Allergen |
| :--- | :--- |
| Albumin | egg |
| Bulgur | wheat |
| Casein | milk |
| Peanut protein hydrolysate | peanuts |
| Textured vegetable protein |  |

## Knowledge Check: What's in a name?

| Ingredient | Allergen |
| :--- | :--- |
| Albumin | egg |
| Bulgur | wheat |
| Casein | milk |
| Peanut protein hydrolysate | peanuts |
| Textured vegetable protein | soy |

## Knowledge Check: What's in a name?

| Ingredient | Allergen |
| :--- | :--- |
| Albumin | egg |
| Bulgur | wheat |
| Casein | milk |
| Peanut protein hydrolysate | peanuts |
| Textured vegetable protein | soy |
| Vitellin |  |

## Knowledge Check: What's in a name?

| Ingredient | Allergen |
| :--- | :--- |
| Albumin | egg |
| Bulgur | wheat |
| Casein | milk |
| Peanut protein hydrolysate | peanuts |
| Textured vegetable protein | soy |
| Vitellin | egg |

## Knowledge Check: What's in a name?

| Ingredient | Allergen |
| :--- | :--- |
| Albumin | egg |
| Bulgur | wheat |
| Casein | milk |
| Peanut protein hydrolysate | peanuts |
| Textured vegetable protein | soy |
| Vitellin | egs |
| Whey |  |

## Knowledge Check: What's in a name?

| Ingredient | Allergen |
| :--- | :--- |
| Albumin | egg |
| Bulgur | wheat |
| Casein | milk |
| Peanut protein hydrolysate | peanuts |
| Textured vegetable protein | soy |
| Vitellin | egg |
| Whey | milk |

## Knowledge Check: What's in a name?

| Ingredient | Allergen |
| :--- | :--- |
| Albumin | egg |
| Bulgur | wheat |
| Casein | milk |
| Peanut protein hydrolysate | peanuts |
| Textured vegetable protein | soy |
| Vitellin | egg |
| Whey | milk |
| Tahini |  |

## Knowledge Check: What's in a name?

| Ingredient | Allergen |
| :--- | :--- |
| Albumin | egg |
| Bulgur | wheat |
| Casein | milk |
| Peanut protein hydrolysate | peanuts |
| Textured vegetable protein | soy |
| Vitellin | egs |
| Whey | milk |
| Tahini | sesame |

## Precautionary Language on Food Labels

May contain..."
"Processed in a
facility that also processes..."
"Made on equipment with..."

- Voluntary for manufacturers
- Not regulated
- May or may not indicate if product unintentionally contains (or has come in contact with) a specific allergen


## " -free"

Statements for the 8 Allergens

- Phrases like "peanutfree" and "egg-free" are not regulated
- Always contact manufacturer if unsure

Peanut-free

Egg-free

## "Gluten-free" Labeling of Foods

- Different from allergen labeling
- FDA labeling requirements for voluntary use of "gluten-free"
- 2013: Gluten-Free Labeling of Foods
- 2020: Gluten-Free Labeling of Fermented or Hydrolyzed Foods
https://www.federalregister.gov/documents/2013/08/05/ 2013-18813/food-labeling-gluten-free-labeling-of-foods https://www.federalregister.gov/documents/2020/08/13/2020-17088/ food-labeling-gluten-free-labeling-of-fermented-or-hydrolyzed-foods


## Natural Flavors

Spice
Fruit or fruit juice
Vegetable or vegetable juice
Edible yeast
Herb
Bark
Bud
Root
Leaf or similar plant material
Meat
Seafood
Poultry
Eggs
Dairy products

- Can hide many potential food allergens
- FALCPA requires natural flavors to list the 8 allergens

For other allergens, check with manufacturer

## Knowledge Check: How many allergens?

Roasted peanuts, corn syrup, sugar, whole grain oats, dark chocolate chunks (sugar, chocolate liquor, cocoa butter, natural flavor), palm kernel oil, rice flour, almonds, whole grain wheat, fructose, cocoa, vegetable glycerin, canola oil, salt, corn starch, barley malt extract, milk, baking soda, natural flavor, mixed tocopherols added to retain freshness.

## Knowledge Check: How many allergens?

Roasted peanuts, corn syrup, sugar, whole grain oats, dark chocolate chunks (sugar, chocolate liquor, cocoa butter, natural flavor *), palm kernel oil, rice flour, almonds, whole grain wheat, fructose, cocoa, vegetable glycerin, canola oil, salt, corn starch, barley malt extract, milk, baking soda, natural flavor *, mixed tocopherols added to retain freshness.

『 Peanuts $\mathbf{\square}$ Wheat
『 Tree nuts $\begin{aligned} & \text { Vilk }\end{aligned}$

* Check with manufacturer about natural flavor


## Knowledge Check: How many allergens?

Whole wheat flour, sugar, enriched flour (wheat flour, niacin, iron, thiamin mononitrate, riboflavin, folic acid), margarine (palm oil, butter [cream, salt], water, contains $\mathbf{2 \%}$ or less of salt, mono \& diglycerides, natural flavor, citric acid, vitamin A palmitate added, beta carotene [color]), eggs, invert sugar, water, soybean oil, contains $\mathbf{2 \%}$ or less of: mono-and diglycerides, leavening (baking soda, sodium aluminum phosphate), salt, potassium chloride, natural and artificial flavor, turmeric and annatto (color). Contains wheat, milk, eggs, soy.

## Knowledge Check: How many allergens?

Whole wheat flour, sugar, enriched flour (wheat flour, niacin, iron, thiamin mononitrate, riboflavin, folic acid), margarine (palm oil, butter [cream, salt], water, contains 2\% or less of salt, mono \& diglycerides, natural flavor, citric acid, vitamin A palmitate added, beta carotene [color]), eggs, invert sugar, water, soybean oil, contains $2 \%$ or less of: mono- and diglycerides, leavening (baking soda, sodium aluminum phosphate), salt, potassium chloride, natural flavor, turmeric and annatto (color). Contains wheat, milk, eggs, soy.


V Wheat
■ Eggs
■ Milk
■ Soy (in natural flavor)

## Food Allergy Research \& Education (FARE) Resource

## Understanding Food Labels

## English and Spanish


https://www.foodallergy.org/resources/how-read-food-label

## FARE Resource

## Tips for Avoiding Your Allergen

## English and Spanish

Tïps for Avoiding Your Allergen

https://www.foodallergy.org/living-food-allergies/food-allergy-essentials/ common-allergens/tips-avoiding-your-allergen

## Asthma and Allergy Foundation of American

## Allergen Avoidance

## Lists (Kids with Food Allergies Webpage)

- Peanut allergy
- Tree nut allergy
- Milk allergy
- Egg allergy
- Wheat allergy
- Soy allergy



## Institute of Child Nutrition (ICN) Resource

## Food Allergy Fact Sheets

- Egg Allergies Fact Sheet
- Fish Allergies Fact Sheet
- Milk Allergies Fact Sheet
- Peanut Allergies Fact Sheet
- Tree Nut Allergies Fact Sheet
- Shellfish Fact Sheet
- Soy Fact Sheet
- Wheat Fact Sheet

https://theicn.org/icn-resources-a-z/food-allergy-fact-sheets


## ICN Resource

## Online Training: Food Allergies in School Nutrition Programs, Part 2: Reading Food Labels



Food Allergies in SNPs - Reading Food Labels
ID: E-D19N41


```
This course is part two of a four-part series designed to give you tips and tools for preparing and serving safe food for children with food allergies. Part two discusses reading labels for food allergens.
```

Intended Audience:
School Nutrition Managers, School Nutrition Directors,
School Nutrition Employees/Staff, Chefs
Hours of Instruction:
Key Area:
1
Professional Standards Code(s): 2600
https://theicn.docebosaas.com/learn/course/external/view/elearning/ 126/food-allergies-in-snps-reading-food-labels

## Four Key Actions for School Food Service Staff



Prevent Cross-contact


## Terms to Know

## Cross-contamination

Transfer of
microorganisms from a
food, person, or surface to another food

- Can cause
foodborne illness


## Cross-contact

Transfer of allergen from one food to another food or surface

- Can cause
allergic reaction


## Effect of Cooking

- Destroys most microorganisms


## BUT

## - Does not destroy food allergens (proteins)

## SFAs must prevent cross-contact

## Example of Cross-contact

- Using same spatula for peanut butter cookies and chocolate chip cookies


# Example of Cross-contact 

- Using a knife to make peanut butter sandwiches, wiping the knife, then using that same knife to cut a grilled cheese sandwich



## Knowledge Check: Is this cross-contact?

Touching almonds then $\square$ Yes $\square$ No handling pasta without proper handwashing


## Knowledge Check: Is this cross-contact?

Touching almonds then

## $\square$ Yes $\square$ No

handling pasta without proper handwashing


## Knowledge Check: Is this cross-contact?

## Preparing different kinds of sandwiches on the same countertop

 $\square$ Yes $\square$ No

## Knowledge Check: Is this cross-contact?

## Preparing different kinds of sandwiches on the same countertop

$\square$ Yes $\square$ No


## Knowledge Check: Is this cross-contact?

## Steam from cooking fish or $\square$ Yes $\square$ No shellfish touches nearby foods



## Knowledge Check: Is this cross-contact?

## Steam from cooking fish or $\square$ Yes $\square$ No shellfish touches nearby foods



## Knowledge Check: Is this cross-contact?

## Using the same spatula to flip a $\square$ Yes $\square$ No hamburger after a cheeseburger

## Knowledge Check: Is this cross-contact?

## Using the same spatula to flip a <br> $\square$ Yes $\square$ No hamburger after a cheeseburger

## Knowledge Check: Is this cross-contact?

Cutting cheese then vegetables

## $\square$ Yes $\square$ No

 on the same cutting board without proper cleaning

## Knowledge Check: Is this cross-contact?

Cutting cheese then vegetables

## $\square$ Yes $\square$ No

 on the same cutting board without proper cleaning

## Knowledge Check: Is this cross-contact?

Cooking fish and chicken on $\square$ Yes $\square$ No the same flat-top grill or in the same pan


## Knowledge Check: Is this cross-contact?

Cooking fish and chicken on

## $\square$ Yes $\square$ No

 the same flat-top grill or in the same pan

## Knowledge Check: Is this cross-contact?

## Dipping a knife used to spread $\square$ Yes $\square$ No peanut butter into a jelly jar



## Knowledge Check: Is this cross-contact?

## Dipping a knife used to spread <br> $\square$ Yes $\square$ No peanut butter into a jelly jar



## Knowledge Check: Is this cross-contact?

Milk leaking onto margarine $\square$ Yes $\square$ No stored on the shelf below


## Knowledge Check: Is this cross-contact?

## Milk leaking onto margarine

## $\square$ Yes $\square$ No

 stored on the shelf below

## Preventing Cross-contact: Handwashing

- Use proper handwashing during food preparation and service
- Encourage students, school staff, and volunteers to wash hands before and after handling or consuming food

■ Use single-use gloves

# Proper Handwashing Steps 



1. Wet hands with clean running water and apply soap
2. Rub hands together, scrubbing backs of hands, between fingers, and under nails for 20 seconds

- Amount of time to sing "ABC" song


3. Rinse hands under running water
4. Dry hands using a clean towel, or air dry


Not Effective in Removing Allergens

- Alcohol-based hand sanitizers or antibacterial gels *
- Handwashing with water alone *

Does not deactivate the proteins that cause food allergy

## Preventing Cross-contact: Cleaning

- Properly clean and sanitize all work surfaces between USes
- Surface areas, counters, and cutting surfaces
- Equipment and utensils
- Pots and pans
- Use hot soapy water or all-purpose cleaning agents


## Follow Proper Cleaning Procedures

- Cleaning with soap, warm water, and friction removes allergen residue


## BUT

- Sanitizing to reduce microorganisms does not remove allergen residue


## Follow Proper Cleaning Procedures

Example: After slicing cheese, clean the slicer thoroughly before slicing other foods

- Cheese protein on the slicer can contaminate the next food sliced



## Follow Proper Cleaning Procedures

## Example: Wash sheet

 pans and trays after each use even if using liners- Oils can seep through liners and contaminate the next food cooked on the sheet pan or put on the tray



## Preventing Cross-contact: Handling and Storage

- Proper handling and storage of food
- Prepare food items that do not contain allergens first
- Label and store allergen-free items separately (color coding)



## Preventing Cross-contact: Handling and Storage

- Designate allergen-safe food preparation area
- Use separate pans and utensils during food preparation and service
- Color-coded cutting boards and utensils
- Use clean potholders, oven mitts, and aprons


## FARE Resource

## Prevent Cross-Contact English and Spanish

## Prevent Cross-Contact


https://www.foodallergy.org/resources/avoiding-cross-contact

## FARE Resource

## How to Avoid Cross-Contact

## English and Spanish

## How to Avoid Gross-Contact

What is cross-contact?
Cross-contact happens when one food comes into contact with
another food and their proteins mix. As a result, each food then another food and their proteins mix. As a result, each food then
contains small amounts of the other food. These amounts are so contains small amounts of the other food. These amounts are so
small that they usually can't be seen. small that they usually can't be seen-
Even this tiny amount of food protein has caused reactions in
people with food allergies!
popern "ros arn!
The term "cross-contact" is fairly new. Some people may call this
"cross-contamination."

Why don't we use the term cross-contamination?
Croas-contaminstion usually refers to bacteria or viruses that get on food and make it unsafe to eat. In crose-contamination,
cooking the food will lower the chance of a person getting sich. This is not the same with food allerges and crosscontact. This is not the same with food allergeses and cross-con
Cooking does not remove an allergen from a food! The only way to stop you from heving a reaction is to avoid the food dnd carefully clean anything that came in contact with it using soap and water.

| Examples of cross-contact |  |
| :---: | :---: |
| Direct Cross-Contact <br> (allergen was directly applied and then removed) | Indirect Cross-Contact <br> (allergen was not directly applied) |
| Peeling cheese off a cheeseburger to make it a <br> hamburger | Using the same spatula that flipped a <br> cheeseburger to flip a hamburger |
| Removing shrimp from a salad | Not washing hands after handling shrimp before <br> making the next salad |
| Scraping peanut butter off a piece of bread and <br> using it to make a different sandwich | Wiping off-not properly cleaning-a knife used to <br> spread peanut butter before using it to spread jelly |

## Tips to avoid cross-contact

- Use utensils, cutting boards and pans that heve been thoroughly washed with soap and water. Consider using separate utensils
- Use detensis, ourting bourds and pans shat have been thoroughty washed with soap and water Consider using separate
- If you are making several foods, cook the allergy-s sife foocs first.
- Keep the safe foods covered and away from other foods that may splatter.
- If you make a mistake, you can't just remove an allergen from a meal. Even a small amount of cross-contact makes a food
unsafe.
Wash your hands with soap and water before touching anything else if you have handled a food allergen. Soap and water or commercial wipes will remove a food allergen. Sanitizing gels or water alone will not remove an allergen.
- Scrub down counters and tables with soap and water after making meals.
- Do not share food, drinks or utensils. Teach children not to share these when they are at school or with friends.


## ICN Resource

## Standard Operating Procedures (SOPs)

- Cleaning and Sanitizing Food Contact Surfaces
- Preventing Cross

Contamination During Storage and Preparation

- Washing Hands
- Serving Safe Food to Students with Food Allergies


## HACCP-Based SOPs

Cleaning and Sanitizing Food Contact Surfaces

PURPOSE: To prevent foodborne illness by ensuring that all food contact surfaces are properly cleaned and sanitized.

SCOPE: This procedure applies to school nutrition employees involved in cleaning and sanitizing food contact surfaces.

KEY WORDS: Food Contact Surface, Cleaning, Sanitizing

## INSTRUCTIONS: <br> NSTRUCTIONS:

Train school nutrition employees on using the procedures in this SOP.
3. Follow manufacturer's instructions regarding the use and maintenance of equipment and use of chemicals for cleaning and sanitizing food contact surfaces. Refer to Storing and Using Poisonous or Toxic Chemicals SOP
4. If state or local requirements are based on the FDA Food Code, wash, rinse, and sanitize food contact surfaces or sinks, tables, equipment, utensis, thermometers, carts, and equipment.

- Before each use.
- Between uses when preparing different types of raw animal foods, such as eggs, fish, meat, and poultry.
- Between uses when preparing ready-to-eat foods and raw animal foods, such as eggs, fish, meat, and poultry.
- Any time contamination occurs or is suspected.

Wash, rinse, and sanitize food contact surfaces of sinks, tables, equipment, utensils
thermometers, carts, and equipment using the following procedure

- Wash surface with detergent solution.
- Rinse surface with clean water
- Sanitize surface using a sanitizing solution mixed at a concentration specified on the Place wet items in a
3-compartment sink is used setup
- In the first compartment, wash with a clean detergent solution at or above $110^{\circ} \mathrm{F}$ or at the
temperature specified by the detergent manufacturer
- In the second compartment, rinse with clean water
- In the third compartment, sanitize with a sanitizing solution mixed at a concentration specified on the manufacturer's label or by immersing in hot water at or above $171^{\circ} \mathrm{F}$ for 30 seconds. Test the chemical sanitizer concentration by using an appropriate test kit.

USDA PCN
https://theicn.org/icn-resources-a-z/standard-operating-procedures/

## ICN Resource

## Online Training: Food Allergies in School Nutrition Programs, Part 3: Avoiding Cross-Contact

 allergies-in-school-nutrition-programs-avoiding-cross-contact
## Four Key Actions for School Food Service Staff



## Promote Communication and Teamwork



## Inclusive Team Approach

- School administrators

- School nurse and other medical personnel
- School dietitians
- School food service staff
- Cafeteria aides
- Teachers
- School counselors and other mental health services
- Bus drivers and school transportation staff
- Faculties and maintenance staff
- Coaches
- Other relevant school staff


Good communication is essential for providing a safe environment for students with food allergies

## Strategies for Communication: Student's Diet Plan

- Understand what you need to do to follow the student's medical statement
- Ask questions if unsure

School nurse
School food service

## Strategies for Communication: Student's Diet Plan

- Help communicate information to all food service staff involved with managing a student's food allergy

School food
service managers
School food service staff


School food service staff

School food service staff

## Strategies for Communication: Nutrition Information

- Share information about ingredients in recipes and foods served by the school food service program
- Students
- Parents
- School nurses
- Others as needed

Amount Few Serimy
Calories
Calories from Fal
Total Fat $1.5 g^{+}$
Seturated Far 0g
Trans Fat 0g
Polyunservated Fat 0.5g
Monoursaharaled Fot 0.5y
Cholesterni amg


## Strategies for Communication: Nutrition Information

- Provide advance copies of menus for parents to use in planning


## Summary of Reasonable Modifications

- Based on medical statement (or IEP or Section 504 plan, if applicable)
- Case-by-case basis (specific to each child)
- Avoid child's food allergens



## Summary of Four Key Actions

1. Recognize students with food allergies
2. Read food labels
3. Prevent cross-contact of possible food allergens
4. Promote communication and teamwork


## More Resources



## ICN Resource

## Online Training: Food Allergies in School Nutrition Programs, Part 1: General Food Allergies



```
Food Allergies in SNPs - General Food Allergies ID: E-7VR831
Duration: \(1 \mathrm{~h}-\ldots\)
```

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ABOUT THIS COURSE
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This course is part one of a four-part series designed to give you tips and tools for preparing and serving safe food for children with food allergies. Part one discusses food allergies, food intolerances, and handling a food allergy emergency.

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Intended Audience:
School Nutrition Managers, School Nutrition Directors,
School Nutrition Employees/Staff, Chefs
Hours of Instruction:
Key Area:
1
Professional Standards Code(s): 2600
https://theicn.docebosaas.com/learn/course/external/view/elearning/ 118/food-allergies-in-snps-general-food-allergies

\section*{ICN Resource}

\section*{Online Training: Food Allergies in School Nutrition Programs, Part 4: Accommodating Food Allergies in Schools}

https://theicn.docebosaas.com/learn/course/external/view/elearning/ 162/food-allergies-in-snps-accommodating-food-allergies-in-schools

\section*{ICN Resource}

\section*{Managing Food Allergies: School Nutrition Staff}

\section*{FOOD ALLERGY FACT SHEET}

Managing Food Allergies: School Nutrition Staff
1. Know your district or school food allergy policy. - Read your district or school food allergy policy. - Understand your role in keeping students with food allergies safe. Know how to activate the school's emergency action plan if a student has an allergic reaction.
2. Be familiar with each student's medical statement and Food Allergy Action Plan. - Follow the instructions in the student's medical statement. - Understand each student's Food Allergy Action Plan/Emergency Care Plan and keep in a place that is easy to find.
- Seek clarification from the parent/guardian if the medical statement is not clear.
- Know your school's system to identify students who have food allergies.
3. Read ingredient labels to check for allergens (foods that can cause allergic reactions). Most ingredient labels list the major eight foods causing allergic reactions using their common name (milk, eggs, peanuts, tree nuts, wheat, soy, fish, and crustacean shellfish).
Check labels for warning statements such as "may contain," "produced on shared equipment," or Check labels for allergens on every product each time the product is purchased. Contact the manufacturer if the label is unclear.
Maintain labels for a minimum of 24 hours after the food is served
4. Avoid cross contact when preparing and serving food.
- Wash hands with soap and water before and after each task. Using water alone or hand sanitizer alone

Wash, rinse, and sanitize all cookware before and after each use when preparing allergen-free foods. - Clean and sanitize all food contact surfaces.
- Designate an allergy-free zone in the kitchen. When working with multiple food allergies, set up procedures to prevent cross contact.
- Follow standardized recipes exactly as written
- Use serving utensils and gloves designated for allergen-free foods.
- Clean and sanitize tables and chairs before and after each meal and as needed.


\section*{FARE Resource}

\section*{Food Allergies:} Keeping Students Safe and Included
- Online training
- 30 minutes
- Free

https://www.foodallergy.org/keeping-students-safe-and-included

\section*{FARE Resource}

\section*{USDA Professional Standards Searchable Database}

https://professionalstandards.fns.usda.gov/

\section*{Centers for Disease Control and Prevention (CDC) Resource}

\author{
Voluntary Guidelines for Managing Food Allergies in Schools and Early Care and Education Programs
}

https://www.cdc.gov/healthyschools/foodallergies/pdf/20_316712-A_FA_guide_508tag.pdf

\section*{SNA Food Allergy Resources Website}

http://schoolnutrition.org/learning-center/food-allergy/

\section*{National Education Association Resource}

\section*{The Food Allergy Book} English and Spanish


\section*{Alergias a los alimentos: \\ lo que el personal de la escuela debe saber}

https://www.fns.usda.gov/ofs/food-allergy-book-what-school-employees-need-know

\section*{Questions?}

\section*{Contact the CSDE's school nutrition programs staff}


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1. mail: U.S. Department of Agriculture

Office of the Assistant Secretary for Civil Rights
1400 Independence Avenue, SW
Washington, D.C. 20250-9410; or
2. fax: (833) 256-1665 or (202) 690-7442; or
3. email: program.intake@usda.gov

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