

## STANDARDIZED RECIPE \& CREDITING DOCUMENTATION TRAINING

Welcome!



## WHAT IS A STANDARDIZED RECIPE?

A recipe that has been adapted, tested and modified to ensure consistent yield and highquality results each time it is used.

A standardized recipe is:

- tried and tested for use in your program
- modified to meet the needs of your facility
- followed each time the product is prepared


## BENEFITS OF STANDARDIZED RECIPES

Consistency of food quality and nutrient content

## Satisfaction among program participants

Recipe yields are uniform
Cost control of food products
Inventory and purchasing controls
Labor cost control
Improved employee confidence
Successful administrative reviews

## TRAINING OVERVIEW

## Components of a Standardized Recipe

Crediting Information and the Food Buying Guide


From Scratch Recipes \& Crediting Verification

## Crediting Documentation Overview

Resources

## LESSON: COMPONENTS OF A STANDARDIZED RECIPE



## LESSON OBJECTIVES

- Recall the components of a standardized recipe
- Understand the importance of each component of a standardized recipe



## A STANDARDIZED RECIPE SHOULD INCLUDE:



1. Recipe Title and Category
2. Ingredients
3. Weight/Volume of Each Ingredients with Units of Measure
4. Preparation Directions
5. Cooking Time, Temperature, and Preparation Time
6. Serving Size and Yield
7. Crediting Information
8. Food Safety Guidelines/Critical Control Points

## RECIPE TITLE / INGREDIENTS

The recipe should have a name. You can categorize the recipe as an entrée, side dish, or even categorize by food component.

Include all ingredients used in the recipe.
The ingredients should be listed in the order of use.

## WEIGHT/VOLUME OF EACH INGREDIENT WITH UNITS OF MEASURE AND PREPARATION INSTRUCTIONS

- List the quantity of each ingredient in weight and volume. USDA includes both the weight and volume, except when the weight is below 1 oz because weight provides the most accurate information.
- List quantities in the most straightforward unit of measure.
- Use standard abbreviations for units of measure and a fraction format.

List the steps for the preparation of the recipe. This can include information on alternative preparation methods and helpful cooking tips.

## COOKING TEMPERATURE, COOKING TIME, PREPARATION TIME AND SERVING SIZE/YIELD

Include the cooking temperature and cooking time. If appropriate, include the amount of time required to prepare the recipe.

## Serving Size

- Provide the amount of a single portion in volume and/or weight, give this information in a practical amount such as $1 / 2$ cup or 4 oz .


## Recipe Yield

- Provide the amount of the finished or processed product (weight and volume, and number of servings) available at the completion of production.


## CREDITING INFORMATION



> This statement should identify which NSLP/SBP/CACFP meal component(s) the ingredients in the recipe count toward meats/meat alternates, vegetables (including subgroups), fruits, and/or grains. If an ingredient may be credited toward more than one meal component, include both crediting statements.

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## FOOD SAFETY GUIDELINES

Include procedures designed to ensure the safe production and service of food.

Indicate Hazard Analysis Critical Control Point (HACCP) information, if appropriate.

Include the appropriate cooking temperature for any ingredients that require cooking and/or chilling and a final holding temperature.
*As applicable, include information about food allergens or developmental considerations (e.g., choking hazards for young children).

1. Recipe Title and Category
2. Ingredients
3. Weight/Volume of Each Ingredient with Units of Measure
4. Preparation Directions
5. Cooking Time, Temperature, and Preparation Time
6. Serving Size and Yield
7. Crediting Information
8. Food Safety Guidelines/ Critical Control Points


## ${ }^{1}$ Chicken Burrito

 USDA Recipe for CACFPOur Chicken Burrito recipes consists of chicken breast combined with salsa, vegetables, brown rice, Mexican spices, and lime juice, wrapped in a whole-grain tortilla

CACFP CREDITING INFORMATION 7
1 burrito provides
Legume as Meat Alternate: $\mathbf{2 o z}$ equivalent meat/meat alternate, $1 / \mathrm{c}$ cup vegetable, and 1.75 oz equivalent grains.
OR
Legume as Vegetable: 1.5 oz equivalent meat/meat alternate, $1 / 4$ cup vegetable, and 1.75 oz equivalent grains.

## HOMEMADE RECIPE: SPAGHETTI AND MEAT SAUCE

## Recipe

- Ground Beef
- 1 package noodles
- Spaghetti sauce
- Onions, peppers, and carrots

Combine ingredients in a baking dish and heat through.

What's missing?

- Exact amount of the crediting ingredients
- Serving size and yield
- Crediting information
- Cooking time, temperature, and preparation time
- Food safety guidelines


## LESSON CONCLUSION



- Without these components, the standardized recipe cannot be accepted for a Child Nutrition program menu
- Be diligent to create the standardized recipe prior to serving the menu item


## LESSON: FROM SCRATCH RECIPES AND CREDITING DOCUMENTATION




## LESSON OBJECTIVES

- Minimum creditable serving sizes per food component
- Food Buying Guide Yield Tables
- Examples of scratch recipe development
- Use of the Recipe Analysis Worksheet (RAW) to assist in crediting and purchasing



## FOOD BUYING GUIDE



WELCOME TO THE FOOD BUYING GUIDE
The Interactive Food Buying Guide allows for easy display, search, and navigation of food yield information. In addition, users can compare yie the Recipe Analysis Workbook (RAW) and the Product Formulation Statement Workbook.


MEATS/MEAT ALTERNATES


VEGETABLES


## MINIMUM CREDITABLE SERVING PER FOOD COMPONENT



Milk


Meat/
Meat
Alternate


Fruit


Vegetable


Grains

## FOOD BUYING GUIDE YIELD TABLES



## IDENTIFY THE FBG ITEMS THAT MATCHES THE MENU ITEM

Breakfast on Wednesday consists of:

- Oatmeal
- Blueberries (USDA Foods, thawed from frozen)
- Milk

In the FBG, which blueberries would you choose?

|  |
| :--- |
|  |$\quad$ Food As Purchased, AP

## FOOD BUYING GUIDE YIELD TABLES



## IDENTIFY THE FBG ITEMS THAT MATCHES THE MENU ITEM

## Breakfast on

 Wednesday consists of:- Oatmeal
- Blueberries (USDA

| Food As Purchased, AP |  | Servings <br> per <br> Purchase <br> Unit, EP | Serving Size per Meal Contribution |
| :--- | :--- | :--- | :--- |
| Blueberries, frozen <br> Unsweetened, Puree' <br> Footnote | Pound | 8.00 | $1 / 4$ cup thawed fruit puree |
| Blueberries, frozen <br> Unsweetened, Whole | Pound | 7.80 | $1 / 4$ cup cooked fruit (sugar added by <br> SFA during cooking) |
| Blueberries, frozen <br> Unsweetened, Whole, Individually quick-frozen, Includes USDA Foods | Pound | 11.90 | $1 / 4$ cup thawed, unsweetened fruit | Foods, thawed from frozen)

- Milk


## IDENTIFY THE FBG ITEMS THAT MATCHES THE MENU ITEM

Let's say your cook wants to serve canned, drained pineapple chunks at lunch time. You would select this option from the food buying guide.

| Pineapple, canned <br> Chunks, Packed in juice or light syrup | No. 10 Can (106 oz) | 49.90 | $1 / 4$ cup fruit and liquid |
| :--- | :--- | :--- | :--- |
| Pineapple, canned <br> Chunks, Packed in juice or light syrup | No. 10 Can (106 oz) | 31.80 | $1 / 4$ cup drained fruit |

Which option would you select from the FBG?

## IDENTIFY THE FBG ITEMS THAT MATCHES THE MENU ITEM

Let's say your cook wants to serve canned, drained pineapple chunks at lunch time. You would select this option from the food buying guide.

| Pineapple, canned <br> Chunks, Packed in juice or light syrup | No. 10 Can (106 oz) | 49.90 | $1 / 4$ cup fruit and liquid |
| :--- | :--- | :--- | :--- |
| Pineapple, canned <br> Chunks, Packed in juice or light syrup | No. 10 Can (106 oz) | 31.80 | $1 / 4$ cup drained fruit |

There are 31.80 ¼ cup portions in a No. 10 can of pineapple chunks drained of juice. You have 30 kids to serve, and they each require a 1 cup portion. If you multiply 30 by 4 that equals 120 ¼ cup portions.
Determine the number of purchase units needed. $(120 / 31.80)=3.77 \rightarrow$ round to 4 No. 10 cans
Four No. 10 cans would need to be opened to serve 30 kids a 1 cup portion of canned, drained pineapples.

## FOOD BUYING GUIDE YIELD TABLES



## LET'S MAKE HOMEMADE BLACK BEAN SALAD



## THE DETAILS

In your summer program, you have 50 participants at your sites. You want to serve Black Bean Salad for Lunch.

## Start by creating a standardized recipe for 1 serving.

| Recipe Ingredients | Meal Component Contribution per |
| :---: | :---: | :---: | :---: |
| Child |  | | Determined Weight <br> of Individual <br> Serving |
| :---: |
| Black beans, canned |
| Corn, cooked |
| Red Onion, raw and diced |
| Cherry Tomatoes, fresh and halved |
| Green Pepper, raw and diced |
| Dressing Ingredients |

Now determine the size serving spoon that the individual serving of the recipe will fit into. A 8 oz spoodle will be used 1 serving of Black Bean Salad to each child.

## THE DETAILS

In your program, you have 50 children. You want to serve Black Bean Salad for Lunch.
Now multiply by 50 to determine the weight of each ingredient to add to the pan.

| Recipe Ingredients | Determined <br> Weight of <br> Individual Serving | Weight for Entire Group Serving |
| :---: | :---: | :---: |
| Black beans, canned | 2.75 oz | 138 oz |
| Corn, cooked | 1.3 oz | 65 oz |
| Red Onion, raw and diced | 1.0 oz | 50 oz |
| Cherry Tomatoes, fresh and halved | 2.0 oz | 100 oz |
| Green Pepper, raw and diced | 1.0 oz | 50 oz |
| Dressing Ingredients | Extra | Extra |

Weigh the pan that the ingredients will be mixed into and tare. Weigh each individual ingredient as it goes into the pan and mix together.
Now let's determine how much of each ingredient to buy with the Food Buying Guide's Recipe Analysis Workbook (RAW) tool and determine if our crediting information is correct.

## ABOUT THE RECIPE ANALYSIS WORKBOOK (RAW)

The RAW is a tool in the Food Buying Guide.

- It is used to determine the expected meal pattern contribution and crediting statement for an existing standardized recipe.
- It calculates the meal pattern contribution of a recipe's ingredients toward the vegetables, fruits, meat/meat alternates, and grains components of the Federal meal pattern requirements.


Note: The RAW is not a tool to evaluate dietary specifications for calories, sodium, and saturated fat. It also cannot determine whether the serving size information entered is correct for crediting. *Only can be used in the online version of the FBG.*


Edit Recipe Analysis Workbook (RAW)

- Instructions

Asterisks (*) denote required information


As an example of our vegetable food components, the serving size for cherry tomatoes is $1 / 4$ cup, which matches the food buying guide. This makes the math simple. Together, the vegetable components equal $3 / 4$ cup, the serving size for fruit/vegetable components at lunch in SFSP.

| Select Creditable Ingredient | Recipe Notes | Vegetables | Fruits | Meats/MA | Grains - Method A |  | Grains - Method B |  | Grains - Method C | Meal Pattern Contribution |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Red/Orange Vegetables |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Food As Purchased, AP |  | Purchase Unit |  | Servings per Purchase Unit, EP |  | Serving Size per Meal Contribution © |  | Additional Information |  |  | (4) Quantity of Ingredient © | (5) Preparation Yield (lf applicable) © | (6) Calculated Quantity to Purchase |
| Tomatoes, fresh Cherry, Whole without stem |  | Pound |  | 11.00 |  | 1/4 cup halved vegetable |  | 1 lb AP $=0.95 \mathrm{lb}$ (about $2-3 / 4 \mathrm{cups}$ ) halved, ready-to-serve cherry tomatoes |  |  | 4.5500 | 0.9500 | 4.7894 |

We need $50-1 / 4$ cup servings of cherry tomatoes. 50 servings / 11.00 servings per purchase unit $=4.55$, so place that number in the quantity to purchase section. The preparation unit is provided and copied into the preparation yield text box. We would need to purchase 4.8 lbs of cherry tomatoes to make this recipe.

As an example of our meat alternate food component, the serving size for black beans is $1 / 2$ cup, which does not match the food buying guide. The food buying states that the serving size is $1 / 4$ cup unheated, drained beans. Because we are doubling the portion size, the servings per purchase is cut in half.


We need $50-1 / 2$ cup servings of black beans. 50 servings / 20.00 servings per purchase unit $=2.5$, so place that number in the quantity to purchase section. The preparation yield can be calculated by 73 oz by the total can weight, 73 oz unheated, drained beans / $109 \mathrm{oz}=0.70$. We would need to purchase 3.6 No. 10 cans of black beans to make this recipe.

The Meal Pattern Contribution tab provides the crediting information for the recipe, and the serving size is listed at the bottom. Our initial calculations were correct. This information can be printed and included in your recipe binder.


1 cup provides $3 / 4$ cup total vegetable ( $1 / 8$ cup additional vegetable, $1 / 4$ cup red/orange vegetable, $1 / 4$ cup starchy vegetable, $1 / 8$ cup other vegetable ), 2.00 oz eq meat/meat alternate
And you know that in order to make this recipe, you will need:
3.6 No.10 Black Bean cans, 4.8 lbs of Cherry Tomatoes, 13 lbs of Husked Corn, 2.1 lbs Diced Onions, and 2.35 Ibs of Green Peppers.

## STEP 1: REVIEW THE RECIPE STEP 2: PREPARE THE RECIPE STEP 3: MAKE CHANGES STEP 4: RE-TEST FOR ACCURACY



## ANOTHER OPTION



## ADJUSTING RECIPE YIELD WITH THE FACTOR METHOD

## Step 1: <br> Determine the Factor

Desired Yield = Factor Current Yield

## Step 2: Multiply

 by the Factor Tips:- Convert fractions to decimals
Example: $1 ⁄ 2$ cup $\rightarrow 0.5$ cup - Convert ingredients in multiple units to a single unit
Example: 1 tbsp +1 tsp $\rightarrow 4$ tsp


## Step 3: Adjust to Common Measures

You may need to round ingredients to the nearest common measurement.
resources


## USDA'S STANDARDIZED RECIPES


https://www.fns.usda.gov/tn/team-nutrition-recipes

## MENU RESOURCES

## CRRS

>Application Section
>>Download Forms

| - | Training Presentations (13) |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Summer Summit: Foodbanks | Buidling partnerships with foodbanks. | 02/17/2023 | Y |
|  | Summer Summit: A Catered Affair | Covers working with vendors, food service management companies, and caterers. | 02/17/2023 | Y |
|  | Summer Summit: Review Process | Describes the activities involved during the SFSP review process and the necessary records and documents to be reviewed. | 02/17/2023 | Y |
|  | Summer Summit: PreApproval | Describes the steps in becoming a new sponsor | 02/17/2023 | Y |
|  | Summer Summit: Area Eligibility | Determining area eligibility for SFSP | 02/17/2023 | Y |
|  | Farm to Summer: The Daily Dig In | Farm to Summer: The Daily Dig In! Fabulous Farms and Farmers Markets Presentation Materials | 11/16/2022 | N |
|  | Summer Summit: Compliance | Overview of the regulatory requirement to maintain program compliance | 02/17/2023 | Y |
|  | Summer Summit: Meal Patterns | Overview of the SFSP meal patterns and menus | 02/17/2023 | Y |
|  | Sponsor Overview Training | Presentation materials from overview training for compliance and recordkeeping | 04/05/2023 | Y |
|  | Summer Camp Training | Presentation materials from overview training for residential and non-residential summer camps | 04/14/2023 | N |
|  | Summer Summit: Turnip the Beet | Provides the criteria for consideration for USDA's Turnip the Beet award and the nomination process. | 02/17/2023 | Y |
|  | SFSP Application Packet Training | SFSP Application Packet Training Video | 02/17/2023 | Y |
|  | Summer Summit: Application | The basics of submitting the SFSP application | 02/17/2023 | Y |

## USDA RECIPE STANDARDIZATION GUIDE



## FOOD BUYING GUIDE



# QUESTIONS? 

EDUCATION.OHIO.GOV

Department of
Education \&
Workforce

## Department of Education \& Workforce


[^0]:    "Legume as Meat Alternate: 2 oz equivalent meat/meat alternate, $1 / 8$ cup red/orange vegetable, $1 / 4$ cup other vegetable, $1 / 8$ cup additional vegetable, and 1 oz equivalent grains."
    ""Legume as Vegetable: 0.5 oz equivalent meat/ meat alternate, $3 / 8$ cup legume vegetable, $1 / 8$ cup red/orange vegetable, $1 / 4$ cup other vegetable, 1⁄s cup additional vegetable, and 1 oz equivalent grains".

