Menu Planning for Child Nutrition Programs

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VISION

To create a world-class educational system that gives students the knowledge and skills to be successful in college and the workforce, and to flourish as parents and citizens

MISSION

To provide leadership through the development of policy and accountability systems so that all students are prepared to compete in the global community





State Board of Education STRATEGIC PLAN GOALS



ALL Students Proficient and Showing Growth in All Assessed Areas

EVERY School Has Effective Teachers and Leaders





EVERY Student Graduates from High School and is Ready for College and Career

Uses a World-Class Data System to Improve Student Outcomes





EVERY Child Has Access to a High-Quality Early Childhood Program

EVERY School and District is Rated "C" or Higher











State Purchasing Program

- + Product information already obtained by MDE
- + Products selected with nutrient standards in mind
- Smaller organizations may not have capacity to purchase bulk orders that are needed

Purchasing from Distributor, manufacturer, grocery store, etc.

- Menu planner must obtain all nutrient and crediting information
- Products featured in MRS do not necessarily have the same nutrient or crediting information



Ingredient Documentation

Nutrition Facts Label

Nutrition Facts 8 servings per container 2/3 cup (55g) Serving size **Amount per serving** 230 Calories % Daily Value* Total Fat 8g 10% 5% Saturated Fat 1g Trans Fat 0g Cholesterol Omg 0% Sodium 160mg 7% Total Carbohydrate 37g 13% Dietary Fiber 4g 14% Total Sugars 12g Includes 10g Added Sugars 20% Protein 3g Vitamin D 2mcg 10% Calcium 260mg 20% 45% Iron 8mg Potassium 235mg * The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.

Product Formulation Statement

d and Nutrition Service			
Product Fo	ormulation Statement in Child Nutrition I	for Documenting Grain Programs	s
(Crediting Standard	ls Based on Grams of Cre	editable Grains (ounce eq	guivalent))
rogram operators should include a copy nformation on letterhead signed by an ob rediting method that fits their specific m	fficial company representative		
Product Name: Wheat	Smile Pancakes	Code No.:	14005
Manufacturer: ABC Bread Co	mpany Serving S		- 50g (1.75 oz.)
Does the product meet the whole grain. Does the product contain non-creditary roducts with more than 0.24 ounce equifon-creditable grains do not credit to	able grains? Yes uivalent (oz eq) or 3.99 grams	No X How many grams	
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Child Nutrition Label

574321

This 3.2 oz fully cooked breaded Chicken Breast patty provides 2.0 oz equivalent meat/meat alternate and 1 serving grain/bread for the Child Nutrition Meal Pattern Requirements. (Use of this logo and statement authorized by the Food and Nutrition Service, USDA 10-04)

CN -



- When a commercial product's ingredients and nutrition facts label do not provide sufficient information to determine crediting of the product, a product formulation statement or a child nutrition label is needed!
 - Prepackaged/preprepared combination items (pizza, burritos, soup)
 - Breaded meat and poultry products
 - Processed meat (sausage, hot dogs, corn dogs, sandwich meat)
 - Some grains- if unsure of whole grain content

*TIP: If you do not know exactly what is in a product and the crediting information for each ingredient, you need a product formulation statement or CN label to determine crediting.



- Search the internet for manufacturer website
 - If a company commonly serves the k12 market, they will likely have their crediting documentation online.
- Directly contact manufacturer for information
- If you are purchasing all products from the state purchasing program, MDE is maintaining the appropriate ingredient documentation.



Common High Sodium Foods:

- Frozen items
- Canned soup
- Sauces and seasonings
- Pickles
- Sausage and Luncheon Meats
- Veggies with added salt







Be careful about the serving size you select. No more than ½ of the total requirement may be met with full- strength fruit juice.

Products that are not 100% juice do not meat program meal requirements!



GLUTEN FREE • CONTAINS 48% JUICE

Nutrition Facts Serv. size: 1
Bottle Amount per serving: Calories 60,
Total Fat 0g (0% DV), Sodium 5mg (0% DV),
Total Carb. 14g (5% DV), Total Sugars 13g (Incl.
0g Added Sugars, 0% DV), Protein 0g, Iron (2%
DV), Potas. (4% DV), Vit. A (10% DV), Vit. C (35%
DV), Vit. E (10% DV). Not a significant source of sat fat, trans fat, cholest, fiber, vit. D and calcium.

WATER, APPLE JUICE CONCENTRATE, NATURAL FLAVORS, ASCORBIC ACID (VITAMIN C), STEVIA LEAF EXTRACT, ALPHA TOCOPHERYL ACETATE (VITAMIN E), VITAMIN A PAI MITATE

PER 8 FL OZ: THIS PRODUCT 13g SUGAR; 100% APPLE JUICE 27g SUGAR

Key Phrase: Contains 100% Juice



CONTAINS 100% JUICE

Nutrition Facts Serv. size: 1 BottleAmount per serving: **Calories 120, Total Fat** 0g (0% DV), **Sodium** 30mg (1% DV), **Total Carb.** 29g (10% DV), Total Sugars 28g (Incl. 0g Added Sugars, 0% DV), **Protein** 0g, Iron (6% DV), Potas. (6% DV), Vit. C (100% DV). Not a significant source of sat fat, trans fat, cholest, fiber, vit. D and calcium.

WATER, APPLE JUICE CONCENTRATE, ASCORBIC ACID (VITAMIN C).



Purchasing Mistakes: Whole Grain Products

Products that contain at least 50% whole grains and the remaining 50% whole grain or enriched grain are considered whole grain rich.

Whole grain rich products must make up at least 80% of grains served.

If a whole grain is not the first ingredient, it is likely not a whole grain rich product. Multi-Grain 5: ENRICHED FLOUR (WHEAT FRESHNESS, SUGAR, WHOLE WHEAT FLOUR DEFATTED WHEAT GERM, CONTAINS 2% OR LESS OF: SALT, OAT BRAN, HIGH FRUCTOSE CORN SYRUP. LEAVENING (SODIUM ACID PYROPHOSPHATE, BAKING SODA, MONOCALCIUM PHOSPHATE), DEGERMINATED YELLOW CORN FLOUR, CORN SYRUP, CORN STARCH, SOY LECITHIN, SODIUM SULFITE. CONTAINS WHEAT AND SOY, MAY CONTAIN TRACES OF MILK AND EGGS.









- + Crediting information already calculated
- + Recipe already standardized
- Will need to match products if not on state purchasing program

Menu Planner Writes Recipes

- Menu planner must obtain all nutrient and crediting information (may require math from info available in Food Buying Guide)
- Menu planner must standardize all recipes, including CCP information

Remember: Recipes should be easily accessible and frequently referenced while cooking!





- Based off of the state purchasing program order guide
- Contain crediting information, portion size, and number of portions

*If you are not using the state purchasing program, you might have to adjust the recipe to ensure proper crediting and nutrition facts, but MRS is a great tool for anyone to use!



« BACK

◆ DOWNLOAD PRINTABLE VERSION

Source: MRS 2023

MRS: 2015 - Pizza (2000s)

MEAT LOVERS PIZZA

MEAL COMPONENT CONTRIBUTION:

2 oz. eq. meat/meat alternate, 2 oz. eq. whole grains, and

NUMBER OF PORTIONS: 96 SIZE OF PORTION: 1 slice RECIPE HACCP PROCESS: #2 - Same day service



MEAT/MEAT ALTERNATE: WHOLE GRAINS: VEGETABLES (RED/ORANGE)

INGREDIENT

MEASURE (FOR 96 SERVINGS)

Pizza, Meateaters, WGR, Precut #1109

96 slices

DIRECTIONS

- Keep pizza frozen until ready to bake.
- 2. Line 18" x 26" sheet pans with pan liners.
- 3. Place pizza on lined sheet pans.
- 4. Bake according to the directions on the package and/or case. CCP: Heat to 135 degrees F or higher for at least 15 seconds at the completion of the cooking process. If manufacturer instructions on the package or case have a higher temperature, follow those recommendations.
- 5. Portion one slice of pizza with a spatula onto a plate or tray Each portion provides 2 oz. eq. meat/meat alternate, 2 oz. eq. whole grains, and 1/8 cup red/orange vegetable.

CCP: Hold and maintain the product at a minimum temperature of 135 degrees F or higher. Check temperature every

Leftovers should be covered, labeled, and dated. Quick chill within 2 hours to 70 degrees F or lower and from 70 to 41 degrees F or lower within an additional 4 hours.

NUTRIENTS PER SERVING

Calories	351	Dietary Fiber	3.00 g	Sodium	723.00 mg	Sat. Fat	7.00 g
Carbohydrates	28.00 g	Protein	21.00 g	Total Fat	17.00 g	Trans Fat	0.00 g

UPDATED: 5/16/23 DEVELOPED BY THE MISSISSIPPI DEPARTMENT OF EDUCATION, OFFICE OF CHILD NUTRITION PROGRAMS 2015

 All recipes can be viewed online or printed in PDF form.



1/8 cup red/orange vegetable

Source: MRS 2023



MEAL COMPONENT CONTRIBUTION:

2 oz. eq. meat/meat alternate, 2 oz. eq. whole grains, and 1/8 cup red/orange vegetable

NUMBER OF PORTIONS: 96 SIZE OF PORTION: 1 slice RECIPE HACCP PROCESS: #2 - Same day service



MEAT/MEAT ALTERNATE: WHOLE GRAINS: VEGETABLES (RED/ORANGE)

INGREDIENT

MEASURE (FOR 96 SERVINGS)

Pizza, Meateaters, WGR, Precut #1109

96 slices

- Source: Year in which recipe was last updated
- MRS: Number of recipe (record in your red book)
- Ingredient: Number on Purchasing Program Order Guide
 - 4-digit numbers= MDE product
 - 6-digit numbers= USDA product



 Meal Component Contribution: Use this information for documenting crediting in your red book

MEAL COMPONENT CONTRIBUTION:

2 oz. eq. meat/meat alternate, 2 oz. eq. whole grains, and 1/8 cup red/orange vegetable

NUMBER OF PORTIONS: 96 SIZE OF PORTION: 1 slice

RECIPE HACCP PROCESS: #2 - Same day service

Products available through the state purchasing program are constantly changing, which can affect crediting (and nutrients). I recommend pulling recipes at least 2 times per year to get most updated recipe.



« BACK

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MRS: 2015 - Pizza (2000s)

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- 5. Portion one slice of pizza with a spatula onto a plate or tray Each portion provides 2 oz. eq. meat/meat alternate, 2 oz. eq. whole grains, and 1/8 cup red/orange vegetable.

CCP: Hold and maintain the product at a minimum temperature of 135 degrees F or higher. Check temperature every 30 minutes.

Leftovers should be covered, labeled, and dated. Quick chill within 2 hours to 70 degrees F or lower and from 70 to 41 degrees F or lower within an additional 4 hours.

NUTRIENTS PER SERVING

Calories	351	Dietary Fiber	3.00 g	Sodium	723.00 mg	Sat. Fat	7.00 g
Carbohydrates	28.00 g	Protein	21.00 g	Total Fat	17.00 g	Trans Fat	0.00 g

UPDATED: 5/16/23 DEVELOPED BY THE MISSISSIPPI DEPARTMENT OF EDUCATION, OFFICE OF CHILD NUTRITION PROGRAMS

2015

Ingredients:

- 4 numbers represents MDE order guide
- 6 numbers represents USDA foods



• Usually, the last step in an MRS recipe will explain serving size and crediting for the item.

5. Portion one slice of pizza with a spatula onto a plate or tray Each portion provides 2 oz. eq. meat/meat alternate, 2 oz. eq. whole grains, and 1/8 cup red/orange vegetable.

Caution: If you do not serve the portion size specified in the recipe, you will not have the same crediting and nutrition facts.



Nutrients per serving size is based off of MDE order guide products

NUTRIENTS PER SERVING

Calories	351	Dietary Fiber	3.00 g	Sodium	723.00 mg	Sat. Fat	7.00 g
Carbohydrates	28.00 g	Protein	21.00 g	Total Fat	17.00 g	Trans Fat	0.00 g

Caution: If any ingredients, quantity of ingredients, or serving sizes or changes, the nutrients per serving will also change.



You will need to create standardized recipes if you are not using MRS recipes or if you make changes to current MRS recipes.

Changes that may require a new standardized recipe:

- Serving a different serving size
- Swapping ingredients (ex: using chicken for tacos instead of beef)
- Deleting ingredients
- Adding ingredients
- Utilizing ingredients that are different than what is analyzed in the recipe



Name of Recipe and Recipe Number

Use for recipe identification in your red book!

Ingredients

Include every ingredient used to make the recipes, including garnishes.

Ingredient Amounts

Provide detailed amounts of each ingredients.

Instructions

Make sure to indicate CCP information.

Crediting and Serving Instructions

Use the Food Buying Guide and ingredient documentation (nutrition facts labels, product formulation statements, child nutrition labels, etc.)

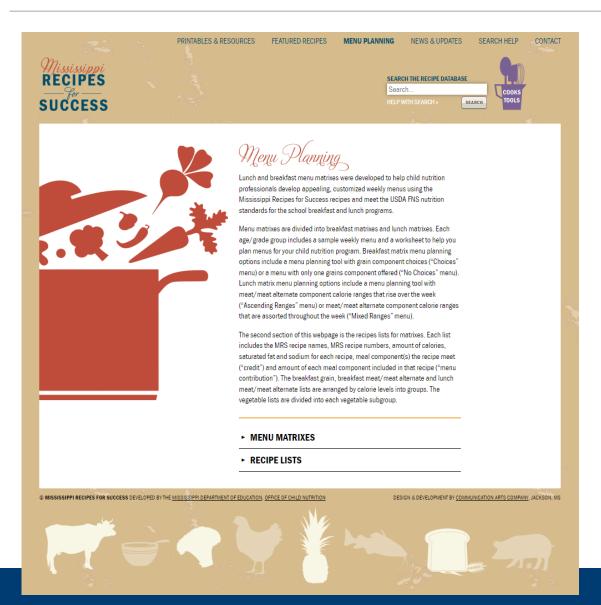






- Remember: The goal of planning menus is to meet meal pattern requirements. Consider:
 - Components
 - Remember requirements for whole grain % and vegetable subgroups
 - Nutrients (sodium, saturated fat, trans fat)
 - Age/Grade group differences





The menu planning matrixes are available on the **menu planning tab** of the MRS website.



MENU MATRIXES BREAKFAST MATRIX WORKSHEET Grades K-5 (No Choice & Choices) Grades 6-8 (No Choice & Choices) Grades 9-12 (No Choice & Choices) LUNCH MATRIX WORKSHEET Grades K-5 (Ascending Ranges) Grades K-5 (Mixed Ranges) Grades 6-8 (Ascending Ranges) Grades 6-8 (Mixed Ranges) Grades 9-12 (Ascending Ranges) Grades 9-12 (Mixed Ranges) RECIPE LISTS

- Select Matrix for appropriate grade level and meal period
- Decide if you would like to offer choices or keep the menu simple
- Ascending Ranges means that as the week progresses, you will serve higher calorie entrees
- Mixed Ranges means that you will have a mix of calorie ranges throughout the week





LUNCH MATRIX

Grades K-5: Ascending Ranges (550-650 CALORIES)

	MEAL COMPONENTS	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5
MINIMUM:	MEAT/MEAT ALTERNATE— CHOICE #1	Meat/MA B 200-249 cal.	Meat/MA C 250-299 cal.	Meat/MA D 300-349 cal.	Meat/MA E 350-399 cal.	Meat/MA F 400+ cal.
8 oz. eq. DAILY M/MA	GRAIN- CHOICE #1	Grain 2 oz. eq.	Grain 1 oz. eq.	Grain 2 oz. eq.	Grain 2 oz. eq.	Grain 2 oz. eq.
MINIMUM: 1 oz. eq. WEEKLY GRAIN	MEAT/MEAT ALTERNATE— CHOICE #2	Meat/MA B 200-249 cal.	Meat/MA C 250-299 cal.	Meat/MA D 300-349 cal.	Meat/MA E 350-399 cal.	Meat/MA F 400+ cal.
MINIMUM: 8 oz. eq.	GRAIN- CHOICE #2	Grain 2 oz. eq.	Grain 1 oz. eq.	Grain 2 oz. eq.	Grain 2 oz. eq.	Grain 2 oz. eq.
DAILY MIN.: 3/4 cup	VEGETABLE—CHOICE #1	Dark Green	Red/Orange	Peas/Beans	Starchy	Other
WEEKLY MIN.: 3 3/4 cups	VEGETABLE—CHOICE #2	Starchy	Other	Red/Orange	Dark Green	Starchy
DAILY MIN.: 1/2 cup	FRUIT-CHOICE #1	Fruit B 50-74 cal.	Fruit C 75-99 cal.	Fruit C 75-99 cal.	Fruit C 75-99 cal.	Fruit D 100+ cal.
WEEKLY MIN.: 2 1/2 cups	FRUIT-CHOICE #2	Fruit C 75-99 cal.	Fruit B 50-74 cal.	Fruit B 50-74 cal.	Fruit B 50-74 cal.	Fruit A 0-49 cal.
DAILY MIN.: at least	MILK -CHOICE #1	Milk	Milk	Milk	Milk	Milk
2 options offered	MILK -CHOICE #2	Milk	Milk	Milk	Milk	Milk
	CONDIMENTS	Condiments	Condiments	Condiments	Condiments	Condiments
	DESSERT					

Desserts included only if needed for calories.

Grain based desserts must be credited as a grain component; a maximum of 2 oz. eq. of grain based desserts may be menued per week.

SODIUM ALLOWANCE: Offer lunch menus that supply a weekly average of no more than the maximum sodium level for Grades K-5. SATURATED FAT ALLOWANCE: On average, daily menus should aim for less than 10 percent of calories to come from saturated fat, in order to achieve a weekly menu goal of less than 10 percent of total calories coming from saturated fat.

Please see your folder for a handout of this!



	MEAL COMPONENTS	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5
MINIMUM:	MEAT/MEAT ALTERNATE—	Meat/MA B	Meat/MA C	Meat/MA D	Meat/MA E	Meat/MA F
	CHOICE #1	200-249 cal.	250-299 cal.	300-349 cal.	350-399 cal.	400+ cal.
8 oz. eq. DAILY M/MA	GRAIN-	Grain	Grain	Grain	Grain	Grain
	CHOICE #1	2 oz. eq.	1 oz. eq.	2 oz. eq.	2 oz. eq.	2 oz. eq.
	MEAT/MEAT ALTERNATE—	Meat/MA B	Meat/MA C	Meat/MA D	Meat/MA E	Meat/MA F
	CHOICE #2	200-249 cal.	250-299 cal.	300-349 cal.	350-399 cal.	400+ cal.
WEEKLY GRAIN - MINIMUM: 8 oz. eq.	GRAIN- CHOICE #2	Grain 2 oz. eq.	Grain 1 oz. eq.	Grain 2 oz. eq.	Grain 2 oz. eq.	Grain 2 oz. eq.

- While you are completing the worksheet, reference the information on the matrix.
 Fill in the matrix based on components and their calorie categories.
- Keep in mind: Frequently, entrée recipes will also have some type of grain. If it is enough for that day, you can just write "included in entrée" in that section.
- Choices: You do not have to offer a choice for meat/meat alternate and grains daily. K-8 menus do not have to offer a choice of fruits daily.



 Pay close attention to veggie subgroups! Easily meet veggie subgroups by offering 2 (1/2 cup) choices daily.

DAILY MIN.: 3/4 cup	VEGETABLE-CHOICE #1	Dark Green	Red/Orange	Peas/Beans	Starchy	Other
WEEKLY MIN.: 3 3/4 cups	VEGETABLE-CHOICE #2	Starchy	Other	Red/Orange	Dark Green	Starchy

Why offering two different veggies per day is a good idea:

- + Students have a larger variety of veggies to choose from
- + One full cup of the same veggie can be too much to eat and may go to waste
- +The matrix was built to ensure veggie subgroups were met if the pattern is followed correctly



▼ RECIPE LISTS		
BREAKFAST GRAINS	RECIPES	PDF
Group A (0-99 calories)	View List	*
Group B (100-149 calories)	View List	•
Group C (150-199 calories)	View List	•
Group D (200-299 calories)	View List	+
Group E (300+ calories)	View List	+
BREAKFAST MEAT/MEAT ALTERNATE		
Group A (0-99 calories)	<u>View List</u>	+
Group B (100+ calories)	<u>View List</u>	+
LUNCH MEAT/MEAT ALTERNATE		
Group A (0-199 calories)	<u>View List</u>	+
Group B (200-249 calories)	<u>View List</u>	+
Group C (250-299 calories)	<u>View List</u>	+
Group D (300-349 calories)	<u>View List</u>	+
Group E (350-399 calories)	View List	+
Group F (400+ calories)	View List	•
LUNCH GRAINS	<u>View List</u>	+

LUNCH GRAINS	<u>View List</u>	+
FRUITS		
Group A (0-49 calories)	View List	+
Group B (50-74 calories)	View List	+
Group C (75-99 calories)	View List	•
Group D (100+ calories)	View List	+
VEGETABLES		
Beans/Peas	<u>View List</u>	•
Dark Green	<u>View List</u>	•
Other	<u>View List</u>	•
Red/Orange	<u>View List</u>	•
Starchy	View List	•
MILK	View List	+
CONDIMENTS	<u>View List</u>	+
DESSERTS	<u>View List</u>	+

 Recipe List: Use to fill in the matrix based on food components and calorie ranges





MENU PLANNING > RECIPE LISTS:

BREAKFAST GRAINS BREAKFAST MEAT/MEAT ALTNERATE LUNCH MEAT/MEAT ALTNERATE LUNCH GRAINS FRUITS VEGETABLES OTHER

BREAKFAST GRAINS: GROUP A (0-99 CALORIES)

DOWNLOAD THIS RECIPE LIST

RECIPE NAME	MRS#	CAL.	SAT. FAT	▼ <u>SODIUM</u>	CREDIT	MENU CONTRIBUTION	PDF
Mini Spooners Cereal	8715	200	0.00	10.00	WGR,	2 oz. eq. whole grains	•
Marshmallow Mateys Cereal	8710	220	0.00	30.00	WGR,	2 oz. eq. whole grains	•
Strawberry Yogurt Snack Mix	8795	120	1.00	55.00	WGR,	1 oz. eq. whole grain	•
Blueberry Vanilla Cookie Bites	8785	130	0.50	70.00	WGR,	1 oz. eq. whole grains	•
Oat Cereal Bar-Briggs	8760	140	1.00	75.00	WGR,	1 oz. eq. whole grain	•
Oat Cereal Bar-Crumbley	8760	140	1.00	75.00	WGR,	1 oz. eq. whole grain	•
<u>Hot Oatmeal</u>	8740	71	0.22	78.00	WGR,	1 oz. eq. whole grain	•
Yogurt Parfait - Crumb	9220	289	0.53	92.00	M/MA, WGR, F,	1 oz. eq. meat/meat alternate, 1 oz. eq. whole grain, ½ cup of fruit	•
Waffle (1 oz. eq.)	8835	70	0.00	95.00	WGR,	1 oz. eq. whole grains	•
Banana Muffin-Merch	8615	160	0.50	100.00	WGR,	1 oz. eq. whole grain	•
Assorted Muffin Loaves	8610	155	0.75	105.00	WGR,	1 oz. eq. whole grain	•
Blueberry Muffin Loaf	8620	150	0.50	105.00	WGR,	1 oz. eq. whole grain	•
Chocolate Chip Muffin Loaf	8625	160	1.00	105.00	WGR,	1 oz. eq. whole grain	•
Cocoa Rice Treat Bar	8750	140	0.50	110.00	WGR,	1 oz. eq. whole grain	•
Fruit Flavored Cereal Bar	8755	150	0.50	110.00	WGR,	1 oz. eq. whole grain	•
Pancake (1 oz. eq.)	8820	90	0.00	110.00	WGR,	1 oz. eq. whole grain	•

The menu list on the website has information about calories, saturated fat, sodium, and meal pattern contribution.

Click on the item of concern to reorder the list based on nutrient content.



- Recipe list on MRS website currently broken
- MRS team working behind the scenes to fix; will hopefully have update soon
- While list is broken, consult nutrients on the bottom of the recipes that you would like to serve

NUTRIENTS PER SERVING

Calories	351	Dietary Fiber	3.00 g	Sodium	723.00 mg	Sat. Fat	7.00 g
Carbohydrates	28.00 g	Protein	21.00 g	Total Fat	17.00 g	Trans Fat	0.00 g



- Handouts:
 - Menu Matrix for K-5 lunch
 - Menu Matrix worksheet for K-5 lunch
 - Menu Matrix recipe list (sample recipes for use with activity)



Menu Matrix Activity

	MEAL COMPONENTS	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5
WEEKLY M/MA MINIMUM: 8 oz. eq.	MEAT/MEAT ALTERNATE— CHOICE #1	Meat/MA B	Meat/MA C	Meat/MA D	Meat/MA E	Meat/MA F
DAILY M/MA MINIMUM:	GRAIN- CHOICE #1	Grain 2 oz.	Grain 1 oz.	Grain 2 oz.	Grain 2 oz.	Grain 2 oz.
1 oz. eq.	MEAT/MEAT ALTERNATE— CHOICE #2	Our s	school does n	ot offer entré	e choices, so	I am
WEEKLY GRAIN MINIMUM: 8 oz. eq.	GRAIN- CHOICE #2		skip	ping this sect	ion.	
DAILY MIN.: 3/4 cup	VEGETABLE-CHOICE #1	Dark Green	Red/Orange	Peas/Beans	Starchy	Other
WEEKLY MIN.: 3 3/4 cups	VEGETABLE-CHOICE #2	Starchy	Other	Red/Orange	Dark Green	Starchy
DAILY MIN.: 1/2 cup	FRUIT-CHOICE #1	Fruit B	Fruit C	Fruit C	Fruit C	Fruit D
WEEKLY MIN.: 2 1/2 cups	FRUIT-CHOICE #2	Fruit C	Fruit B	Fruit B	Fruit B	Fruit A
DAILY MIN.: at least	MILK -CHOICE #1	Chocolate	Chocolate	Chocolate	Chocolate	Chocolate
2 options offered	MILK -CHOICE #2	Unflavored	Unflavored	Unflavored	Unflavored	Unflavored
	CONDIMENTS	Condiments	Condiments	Condiments	Condiments	Condiments
	DESSERT	Recommen		g desserts if c v in desired ra		odium are







SFSA Conducted Nutrient Analysis

*this is not common for small organizations due to cost

MDE Conducted Nutrient Analysis

- 1) Program specialist will contact school when nutrient analysis needed and/or school can submit request
- 2) Worksheet and all documentation will need to be provided by SFSA
- 3) Reports will be generated and assistance in making corrections will be provided



Nutrient Analysis Worksheet



Worksheet for Request for Nutritional Analysis

If you are requesting the nutritional analysis for both lunch and breakfast menus or different menus for multiple schools, please complete a worksheet for each school and meal period.

1) School Name: 2) Is this menu for breakfast or lunch? Breakfast Lunch 3) What age/grade group does this menu serve? 4) Do you implement offer verses serve? Yes No 5) Who are your suppliers? Check all that apply. Merchants Crumbly	
3) What age/grade group does this menu serve? 4) Do you implement offer verses serve? Yes No 5) Who are your suppliers? Check all that apply. Merchants	
4) Do you implement offer verses serve? Yes No 5) Who are your suppliers? Check all that apply. Merchants	
5) Who are your suppliers? Check all that apply. Merchants	
Merchants	
Crumbly	
Cruinory	
Prairie Farms	
Briggs	
Borden	
Other:	
6) On average, how many reimbursable meals do you serve daily for this meal period?	
Section B: Menu	
Are you using Mississippi Recipes for Success? Yes No	
*If no, please include a copy of your standardized recipes when submitting the workshe	et.
*If you changed the portion sizes or ingredients from what is stated in the MRS cookboo provide that information.	oks, please



Day	Item #	Recipe Name	MRS	Serving Size	Servings
	1				
	2				
	3				
a	4				
7	5				
	6				
	7				
_	Milk				
0	Milk				
Σ	Condiment				
	Condiment				
	Condiment				

- Serving size: How much of the item you are serving (example: ½ cup)
- Servings: How many portions you intend to serve (example: 34 portions)



Days	Menu Choice 1	Menu Choice 2	Additional Information			
	Hamburger	Baked Ham	This are all above that the			
ple	Green Beans	Whole Grain Roll	This example shows that the			
ø	French Fries	Green Beans	students can either pick up a hamburger or baked ham and a			
E	Apples	French Fries				
Xa	Bananas	Apples	roll. They are also allowed to			
E)	Milk Selection	Bananas	choose from a variety of vegetables, fruit, and milk.			
		Milk Selection				

• If you are not offering choices, this section is not needed.



Nutrient Analysis Reports

Base Menu Spreadsheet- Nutrient Information

Base Menu Spreadsheet Lunch 9-12

Weighted Values - Detailed

Page 1

	Portion	Reimb	Cals (kcal)	Cholst (mg)	Sodm (mg)	Fiber (g)	(mg)	Calcm (mg)	Vit-A (IU)	Vit-C (mg)	Sugars (g)	Protn (g)	Carb (g)	T-Fat	S-Fat	Tr-Fat¹ (g)
Mon - 01/02/2023	Sec. and														-	
Lunch 9-12	Total	247														
Corn Dog Nuggets M3165	6 nuggets	80	87	12	121	0.97	0.70	29.1	0	23.32	4	3.89	11.17	3.89	0.97	0.00
Chicken Patty Sand Baked M4150	1 each	150	230	33	496	3.21	2.02	74.8	166	2.16	3	12.28	28.03	7.39	1.35	0.01
Carrots, Baby with Dip M5850	1/2 cup	124	22	0	85	1.02	0.11	12.0	6126	2.15	3	0.34	5.0	0.09	0.01	0.00
Lima Beans Dried, CND M5530	1/2 cup	123	74	0	94	2.99	0.65	12.0	63	0.0	*1	3.6	10.78	1.2	0.37	0.00
Milk, FF White1/2 pt. PF M100	1/2 pint	50	16	1	24	0.00	0.00	57.7	101	0.24	2	1.62	2.23	0.0	0.00	0.00
Milk, FF Choc 1/2 pint PF M120	1/2 pint	175	92	4	85	0.00	0.00	201.9	354	0.85	16	5.67	16.3	0.0	0.00	0.00
Fresh Fruit Bowl Variety M6715	1 each	247	84	0	1	3.65	0.22	20.1	120	23.13	13	0.87	21.72	0.24	0.05	0.00
Fresh Fruit Cup M6720	1/2 cup	247	64	0	3	1.84	0.29	8.2	169	5.41	12	0.58	16.48	0.17	0.04	0.00
Ranch Dressing & Dip PC M8075	1 ounce	70	39	3	108	0.00	0.00	5.5	0	0.0	0	0.0	1.38	3.6	0.55	0.00
Ketchup PC M8000	1 each	124	5	0	43	0.00	0.00	0.0	0	0.0	1	0.0	1.51	0.0	0.00	0.00
Mustard, PC M8015	1 pouch	100	2	0	27	0.05	0.04	1.6	0	0.01	0	0.08	0.12	0.09	0.00	0.00
Potato Rounds, Baked M6095	1/2 cup	80	43	0	102	0.66	0.12	0.0	0	1.18	0	0.33	5.26	1.97	0.33	0.00
Weighted Daily Average % of Calories			758	53	1189	14.39	4.14	423.0	7100	58.46	*55 *28.9%	29.25 15.4%	119.98 63.3%	18.63 22.1%	3.69 4.4%	0.0%
Nutrient Guideline			750-850		1420										<10.00	





Nutrient Analysis Reports

Nutrient	Menu AVG	% of Cals	Weekly Target	% of Target	Miss Data	Shortfall	Overage	Error Messages (if any)
Calories	785		750 - 850	100%				
Cholesterol (mg)	60							
Sodium 1 (mg)	1256		1420					
Sodium 2 (mg)	1256		1080				176	Correction Required - Sodium too High
Fiber (g)	13.79						1	A Property of the Control of the Con
Iron (mg)	5.13				Missing		i l	
Calcium (mg)	499.5				Missing			
Vitamin A (IU)	6043				Missing	ĺ	1	
Sugars (g)	51	26.10%			Missing			
Vitamin C (mg)	71.39				Missing		1 1	
Protein (g)	33.78	17.20%						
Carbohydrate (g)	116.21	59.19%						
Total Fat (g)	22.40	25.68%	1					
Saturated Fat (g)	6.91	7.91%	<10.00%					
Trans Fat¹ (g)	0.00	0.00%						

• Keep in mind that a Sodium Interim Target 1A became effective July 1, 2023. Your reports may not have that information up-to-date yet.



Nutrient Analysis Reports

Weekly Requirements Report-Components

5 Day Week	Mon 4/10/23	Tue 4/11/23	Wed 4/12/23	Thu 4/13/23	Fri 4/14/23		Weekly Total	Weekly Rgmt.	Weekly Ramt. Check	Weekly Fruit Juice Limit Check (<= half of	Total Weekly Fruit	Total Weekly Fruit Juice	% of Total Weekly Fruit that is Juice	Weekly Ramt, Check
Fruit: Minimum (cups)	1	1	1	1	1		5	2.5	Yes	total fruit)	5	0	0.00%	Yes
Vegetables: Minimum (cups)	1.125	0.125	1.625	1.125	1.25		5.25	3.75	Yes	Weekly				
-Dark Green	0	0	0	0	0		0	0.5	NO	Vegetable	Total	Total	% of Total	Weekl
-Red/Orange	0.125	0.125	0.625	0.125	0.25		1.25	0.75	Yes	Juice Limit	Weekly	Weekly Veg.	Weekly Veg. that	Rqmt.
-Legumes	0	0	0	0	0		0	0.5	NO	Check (<=	Veg.	Juice	is Juice	Check
-Starchy	0.5	0	0	0.5	0.5		1.5	0.5	Yes	half of total				
-Other	0.5	0	1	0.5	0.5		2.5	0.5	Yes	Veg)	5.25	0	0.00%	Yes
Meat/Meat Alt: Minimum (oz eq)	2	2.5	2	2	2		10.5	9	Yes					
Meat/Meat Alt: Maximum (oz eq)	2	2.5	2	2	2		10.5	10	OVER					
Grain: Minimum (oz eg)	2	1.25	2	1	2		8.25	8	Yes					
Grain: Maximum (oz eq)	2	1.25	2	1	2		8.25	9	Yes					
Gr	ain Based [essert Tota	al for all we	ekly meals			0	No more than 2 oz	Yes					
Whole Grain Rich Weekly Amount	Weekly Grains Total	8.25	Weekly Whole Grain	7.25	% of Whole Grain	88%		80% whole grain rich	Yes					
	Mon 4/10/23	Tue 4/11/23	Wed 4/12/23	Thu 4/13/23	Fri 4/14/23		Weekly Total	Weekly Ramt.	Weekly Ramt. Check					
Milk: Minimum (cups)	2	2	2	2	2		10	5	Yes					
Variety: Skim/Fat-free unflavored, Skim/fat-free flavored, Low-fat (1% or less) unflavored, Low-fat (1% or less) flavored	Yes	Yes	Yes	Yes	Yes									
Reduced fat(2%) or whole, unflavored and flavored														

**Cells with this background color signify Requirements not being met!



5 Day Week Fruit: Minimum (cups)	Mon 4/10/23	Tue 4/11/23	Wed 4/12/23 1	Thu 4/13/23 1	Fri 4/14/23 1		Weekly Total 5	Weekly Rgmt. 2.5	Weekly Rqmt. Check Yes
Vegetables: Minimum (cups)	1.125	0.125	1.625	1.125	1.25		5.25	3.75	Yes
-Dark Green	0	0	0	0	0		0	0.5	NO
-Red/Orange	0.125	0.125	0.625	0.125	0.25		1.25	0.75	Yes
-Legumes	0	0	0	0	0		0	0.5	NO
-Starchy	0.5	0	0	0.5	0.5		1.5	0.5	Yes
-Other	0.5	0	1	0.5	0.5		2.5	0.5	Yes



- Obtain ingredient documentation/crediting information prior to serving the item
- Create a cycle menu of no more than 6 weeks
- Request analysis of menu prior to administrative review and make corrections to menu quickly



Questions 2



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