## Illinois State Board of Education

## How to Plan Your Menus:

## A Step-By-Step Instruction



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My name is Emma the Eggplant, and I will be your guide on how to plan and evaluate your menus for compliance.

## Today's Objective

$\checkmark$ Know how to plan meals that meet the daily requirements.
$\checkmark$ Know how to review the weekly menu to ensure it meets the weekly requirements.
$\checkmark$ Tips for substitutions

## Planning for the Week $\rightarrow$ Lunch




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| Component |
| :--- |
| Milk |
| At least two varieties must be <br> offered daily: $1 \%$ or less. |
| Meat / Meat Alternate |
| -Daily \& Weekly minimum must <br> be met. |
| Grain/Bread |
| -Daily and Weekly minimum <br> must be met <br> -Grain-Based Desserts $\rightarrow$ no <br> more than 2oz eq per week. |
| Whole Grain-Rich (WGR) |
| Evaluation |$|$

## Column Breakdown Explanation: Component Column



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| Component | Weekly Requirement (daily) | Column Breakdown Explanation: |
| :---: | :---: | :---: |
| Milk |  |  |
| At least two varieties must be offered daily: 1\% or less. | All grades: 5 cups (1 cup) | Weekly/Daily Requirements Column |
| Meat / Meat Alternate |  |  |
| - Daily \& Weekly minimum must be met. | K-5: $80 z$ eq ( $10 z$ eq) <br> $6-8: 9 \mathrm{oz} \mathrm{eq} \mathrm{( } 1 \mathrm{oz} \mathrm{eq}$ ) <br> K-8: 9oz eq ( 10 oz eq ) <br> 9-12: 10oz eq ( 2 oz eq ) | This chart shows you the weekly \& daily requirements |
| Grain/Bread |  |  |
| - Daily and Weekly minimum must be met -Grain-Based Desserts $\rightarrow$ no more than $20 z$ eq per week. | K-5: 8oz eq (10z eq) <br> 6-8: 80 zeq ( 102 eq ) <br> K-8: 80 zeq (10z eq) <br> 9-12: 1002 eq (20z eq) | for each component. |
| Whole Grain-Rich (WGR) Evaluation | $80 \%$ of the grains must be WGR for the week |  |
|  | Grain/Bread | The chart also shows the |
| Vegetable - Daily \& Weekly minimum must be met | $\begin{aligned} & \mathrm{K}-8: 3 \% \text { cups ( } 3 / 4 \text { cup) } \\ & 9-12: 5 \text { cups ( } 1 \text { cup) } \\ & \hline \end{aligned}$ | different grade groups. |
| Dark Green | $\begin{gathered} \text { All grades: } 1 / 2 \text { cup } \\ \text { (1 cup leafy greens }=1 / 2 \text { cup) } \end{gathered}$ |  |
| Red / Orange | K-8: 3/4 cup <br> 9-12: $11 / 4$ cup |  |
| Legumes | All grades: 1/2 cup | pattern for K-12. If you serve all of |
| Starchy | All grades: $1 / 2$ cup | those grades, you'll need to serve |
| Other | $\begin{aligned} & \text { K-8: } 1 / 2 \text { cup } \\ & 9-12: 3 / 4 \text { cup } \end{aligned}$ | different amounts for K-8 \& 9-12. |
| Fruit - Daily \& Weeky mininum must be met. |  | TIP: Circle the grade groups you are planning for on the worksheet. |

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## Column Breakdown Explanation: Monday - Friday Columns




# Column Breakdown Explanation: Weekly Requirements Columns 

This is the grand total crediting amounts for each component to determine if you met the weekly requirements.

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## IMPORTANT

## You will need the following:

- Child Nutrition (CN) Labels
- Product Formulation Statements (PFS)
- USDA Foods Product Information Sheets
- Standardized Recipes
- Nutrition Fact Labels including ingredient list
- Exhibit A Grain Requirements Weight Chart
- Common Conversion Handout
- Calculator


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## Menus \& Documentation



| Nutrition Facts |  |
| :---: | :---: |
| Serving Size: 1 EA Servings Per Container: 72 |  |
| Arrount per Serving |  |
|  | \% Dally Value* |
| Total Fat: 1 g | 2\% |
| Saturated Fat:00 | $0 \%$ |
| Trans Fat:09 |  |
| Cholesterat: 0 mg | 0\% |
| Sodiume 180 mg | 8\% |
| Total Carbohydrate: 29 g | 10\% |
| Dietary Fiber: 40 | 16\% |
| Sugars: 5 g |  |
| Protein: 6 g |  |
| Vitarnin A: $0 \%$ | Vitamin C: 0\% |
| Calciume 4\% | Iron: 10\% |
| *Percent Delly Vasues are hased on a 2000 calorie diet. Your dally valuea may be tigher or lawer depending on your eslorie neods. |  |

## REMEMBER

Weight
G/B and M/MA ounce equivalents (oz eq)


## Volume

Milk, Fruit \& Vegetable cups


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## MONDAY

## Pizza

Sweet Potato Fries
Peaches
Milk Variety
tuesday
Chicken Nuggets
Macaroni \& Cheese
Tator Tots
Orange
Milk Variety

## WEDNESDAY

Spaghetti w/ Meat sauce Romaine Salad
Applesauce
Milk Variety

## thursday

Salisbury Steak
Dinner Roll
Green Beans
Mandarin Oranges
Milk Variety

## FRIDAY

## Beef Taco

Salsa
Refried Beans
Banana
Milk Variety

Here is my tentative K-8 menu for the week.

Let's see if it complies.


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## Lunch Menu Planner

## School / Site Name: Washington Elementary School (K-8)

Menu Week: Week 1 Cycle


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|  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Pizza <br> Sweet Potato Fries Celery/Cucumbers Peaches Assorted Fresh Fruit <br> Hot Ham \& Cheese on a Hoagie Bun | Chicken Nuggets Macaroni \& Cheese Tator Tots <br> Coleslaw <br> Mixed Fruit <br> Assorted Fresh Fruit <br> Alt: Fish Sticks | Spaghetti w/ Meat Sauce \& Garlic Bread Romaine Salad Mixed Vegetables Applesauce Assorted Fresh Fruit <br> Alt: Chili Dog on Bun | Salisbury Steak w/ Dinner Roll Two Potato Mash Green Beans Mandarin Oranges Assorted Fresh Fruit <br> Alt: Chicken Patty on Bun | Beef Tacos <br> Carrot Sticks <br> Corn <br> Pears <br> Assorted Fresh Fruit <br> Alt: Cheeseburger on Bun |
|  | Served daily: <br> - Milk choices includes $1 \%$ | \& chocolate milk | Now here 9-12 menu f high scho <br> Let's see if this | y tentative he week. The as 2 entrée s. <br> ne complies. |  |

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School / Site Name: Lincoln High School (9-12)

## Lunch Menu Planner

Menu Week: Week 1 Cycle

| Component | Weekly <br> Requirement (daily) | Monday | Tuesday | Wednesday | Thursday | Friday | Weekly Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Milk |  |  |  |  |  |  |  |
| At least two varieties must be offered daily: $1 \%$ or less. | All grades: 5 cups (1 cup) | $\begin{aligned} & \text { 1\% white/choc } \\ & \text { (1 cup) } \end{aligned}$ | 1\% white/choc (1 cup) | $\begin{aligned} & \text { 1\% white/choc } \\ & \text { (1 cup) } \end{aligned}$ | $\begin{aligned} & \text { 1\% white/choc } \\ & \text { (1 cup) } \end{aligned}$ | 1\% white/choc (1 cup) | 5 cups |
| Meat / Meat Alternate |  |  |  |  |  |  |  |
| - Daily \& Weekly minimum must be met. | K-5: 802 eq ( 102 eq) <br> 6-8: 902 eq ( 102 eq ) <br> K-8: 90z eq (10zeg <br> 9-12:100z eq (20z eq) | 1) Pizza <br> ( 1 slice $=20 z \mathrm{eq}$ ) <br> 2) Ham/Cheese Hoagie (2.5oz eq) | 1) Chicken Nuggets ( 5 each $=20$ eq) <br> 2) Fish Sticks <br> ( 5 each $=2.5$ oz eq) | 1) Spaghetti w/ Meat Souce (1 eup $=202$ eq) 2) Chili Dog (2.25oz eq) | 1) Salisbury Steak <br> ( $2.5=\mathbf{2 o z e q}$ ) <br> 2) Chicken Patty <br> (3.54oz $=2 \mathrm{ozeq}$ ) | 1) Beef Tacos <br> ( 2 each $=30 z \mathrm{eq}$ ) <br> 2) Cheeseburger ( 2.5 oz eq ) | $\begin{aligned} & 10.5 \\ & \text { oz eq } \end{aligned}$ |
| Grain/Bread |  |  |  |  |  |  |  |
| - Daily and Weekly minimum must be met. <br> - Grain-based Desserts $\rightarrow$ no more than $20 z$ eq per week. | K-5: 802 eq (10z eq) <br> $6-8: 80 \mathrm{zeq}$ ( 102 eq ) <br> K-8: $80 z$ eq ( 10 zeq ) <br> 9-12:1002 eq (202 eq) | 1) WGR Pizza <br> ( $\mathbf{1}$ slice $=\mathbf{2 o z e q}$ ) <br> 2) Ham/Cheese Hoagie (2.5oz eq) |  |  | 1) WGR Dinner Roll (20req) <br> 2) WGR Bun (2or eq) * WGR Brd Chx Patty (102 eal) | 1) WGR Tacos <br> ( 2 each $=3 \mathrm{oz} \mathrm{eq}$ ) <br> 2) WGR Bun <br> (202 eq) | $\begin{aligned} & 10 \mathrm{oz} \\ & \mathrm{eq} \end{aligned}$ |
| Whole Grain-Rich (WGR) Evaluation | $80 \%$ of the grains must be WGR for the week |  |  |  |  |  |  |
|  | WGR | 2ozeq | 5.502 eq | 3oz----- | 50z---9 | 50z---- | 20.5 |
|  | Grain/Bread | 4.502 eq | 5.502 eq | 4ozeq | $50 z$ eq | $50 z$ eq | 24 |
|  |  |  |  |  |  | WGR percentage $\rightarrow$ |  |
| Vegetable - Daily \& Weekly minimum must he met | $\begin{aligned} & \mathrm{K}-8: 3 \% \text { cups ( } 3 / 4 \mathrm{cup} \text { ) } \\ & 9-12: 5 \text { cupp ( } 1 \text { cup) } \end{aligned}$ |  |  |  |  |  |  |
| Dark Green | $\begin{aligned} & \text { All grades: } 1 / 2 \text { cup } \\ & \text { (1 cup leaty greens }=1 / 2 \text { cup) } \end{aligned}$ |  |  | $\begin{aligned} & \text { Romaine Salad } \\ & (1 \text { cup }=1 / 2 \text { cup }) \end{aligned}$ |  |  | 1/2 cup |
| Red / Orange | $\begin{aligned} & \mathrm{K}-8: 3 / 4 \mathrm{cup} \\ & 9-12: 11 / 4 \mathrm{cup} \end{aligned}$ | Sweet Potato Fries ( $1 / 2$ cup) |  |  | Two Potato Mash ( $1 / 2$ cup veg $=1 / 4$ cup $\mathrm{R} / \mathrm{o}$ ) | Carrot Sticks (1/2 cup) | $11 / 4$ <br> cups |
| Legumes | All grades: $1 / 2$ cup |  |  |  |  |  | 0 cups |
| Starchy | All grades: 1/2 cup |  | Tator Tots (1/2 cup) |  | Two Potato Mash ( $1 / 2$ cup veg $=1 / 4$ cup Starchyl | $\begin{gathered} \text { Corn } \\ (1 / 2 \text { cup }) \end{gathered}$ | $11 / 4$ cups |
| Other | 9-12:3/4 cup | Celery/Cucumbers (1/2 cup) | (1/2 cup) | Mixed Vegetables <br> (1/2 cup veg) | Green Beans ( $1 / 2$ cup veg) |  | 2 cups |
| $\qquad$ |  |  |  |  |  |  |  |
|  | $\begin{aligned} & K-8: 21 / \text { cuos ( } 1 / 2 \text { cup) } \\ & 9-12: 5 \text { cups ( } 1 \text { cup } \end{aligned}$ | Peaches ( $1 / 2$ cup) Fresh Fruit ( $1 / 2$ cup) | Mixed Fruit ( $1 / 2$ cup) <br> Fresh Fruit ( $1 / 2$ cup) | Applesauce ( $1 / 2$ cup) <br> Fresh Fruit ( $1 / 2$ cup) | Mandarin Oranges ( $1 / 2$ cup) Fresh Fruit ( $1 / 2$ cup) | $\begin{aligned} & \text { Pears ( } 1 / 2 \text { cup) } \\ & \text { Fresh Fruit ( } 1 / 2 \text { cup }) \end{aligned}$ | $\begin{gathered} 5 \\ \text { cups } \end{gathered}$ |

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Evaluate a subgroup that is over the minimum requirements.

That would be either the starchy or other subgroup.

What changes would you make?

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Now let's start go to breakfast! For time sake we will do a high school menu. The concept is just like lunch!

| Breakfast Menu Planner |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| School / Site Name: |  | Menu Week: |  |  |  |  |  |
| Component | Weekly Requirement (daily) | Monday | Tuesday | Wednesday | Thursday | Friday | Weekly Total |
| Milk |  |  |  |  |  |  |  |
| At least two varieties must be offered daily: $1 \%$ or less. | All grades: 5 cups (1 cup) |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Grain/Bread |  |  |  |  |  |  |  |
| - Must offer a minimum of 102 <br> G/B dally. <br> - May offera $10 z$ LMMA to help meet the weekly $G / B$ requirements. | Grade K-5. 70 eq eq (102 eeq) Grade $6-8: 802 \mathrm{eq}(102 \mathrm{eq})$ Grade K -8: $802 \mathrm{eq}(102 \mathrm{eq})$ <br>  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Meat / Meat Altermate Whole Grain-Rich (WGR) Evaluation | NOTE: Not required but may substitue foz equivalent of MMAA for 102 eq $6 / 8$ after minimum dally grain is met |  |  |  |  |  |  |
|  | $\begin{aligned} & \text { 80\% of the grains must } b \text { e WGR } \\ & \text { for the week } \end{aligned}$ |  |  |  |  |  |  |
|  | WGR |  |  |  |  |  |  |
|  | Grain/Bread |  |  |  |  |  |  |
|  | WGR percentage $\rightarrow$ |  |  |  |  |  |  |
| Fruit |  |  |  |  |  |  |  |
| - All juice must be $100 \%$ full strength juice. <br> No more than half of the fruit/vegetable offerings can be in the form of juice. Therefore, no more than 2.5 cups of juice per week. | All grades: 1 cup |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Veqetable | NOTE: Not required but may substitute a vegetable for the fruit component. The $100 \%$ juice requirements also apply for vegetables. |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

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| MONDAY |  | WEDNESDAY |  | FRIDAY |
| :---: | :---: | :---: | :---: | :---: |
| French Toast Sticks <br> Assorted Canned or Fresh Fruit 100\% Fruit Juice | Breakfast Pizza <br> Assorted Canned or Fresh Fruit 100\% Fruit Juice | Pancake <br> Sausage Patty <br> Assorted Canned or Fresh Fruit 100\% Fruit Juice | Biscuit and Gravy <br> Assorted Canned or Fresh Fruit 100\% Fruit Juice | Muffin <br> Yogurt <br> Assorted Canned or Fresh Fruit 100\% Fruit Juice |
| Alt: Cereal \& Toast | Alt: Cereal \& Toast | Alt: Cereal \& Toast | Alt: Cereal \& Toast | Alt: Cereal \& Toast |

Served daily:

- Milk choices includes $1 \%$ white \& chocolate milk

Now here is my tentative 9-12 breakfast menu for the week. The high school has 2 entrée choices.

Let's see if this one complies.

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Breakfast Menu Planner
School / Site Name: Lincoln High School (9-12)
Menu Week: Week 1 Cycle

| Component | Weekly Requirement (daily) | Monday | Tuesday | Wednesday | Thursday | Friday | Weekly Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Milk |  |  |  |  |  |  |  |
| At least two varieties must be offered daily: 1\% or less. | All grades: 5 cups (1 cup) | 1\% white/chos (1 cup) | 1\% white/choc (1 cup) | $1 \%$ white/choc (1 cup) | 1\% white/choc (1 cup) | 1\% white/choc (1 cup) | 5 cups |
| Grain/bread |  |  |  |  |  |  |  |
| - Must offer a minimum of $10 z$ G/B daily. <br> - May offer a 1oz M/MA to help meet the weekly G/B requirements. | Grade K-5: 7oz eq ( $10 z$ eq) Grade 6-8: 8oz eq (1oz eq) Grade K-8: $80 z$ eq (10z eq) Grade 9-12: 9oz eq (1oz eq) | 1) WGR French Toast <br> Sticks (2oz eq 6/B) <br> 2) WGR Cereal (10z eq <br> + WGR Toast ( 102 eq G/8) | 1) WGR Brkfst Pizza (1.Soz eq $\mathrm{e} / \mathrm{B}+1$ 1oz $\mathrm{M} / \mathrm{MA}$ ) | 1) WGR Pancake (1ozeq 6/B) + SSG Patty ( 10 oz m/MA) | 1) Biscuit (2oz eq 6/8) <br> 2) WGR Cereal ( 10 z eq $6 / 8$ ) + WGR Toast (1oz eq G/B) | 1) WGR Muffin (10z eq G/B) + Yogurt (1oz M/MA) <br> 2) WGR Cereal (1oz eq G/B) + WGR Toast (1oz eq 6/B) | $\begin{gathered} 10 \text { oz } \\ \text { eq } \end{gathered}$ |
| Meat / Meat Alternate | NOTE: Not required but mays | bstitute 1oz equivalent of 1 | /MA for 1 oz eq G/B after mi | imum daily grein is met. |  |  |  |
| Whole GrainRich (WGR) Evaluation | $80 \%$ of the grains must be WGR for the week |  |  |  |  |  |  |
|  | WGR | 402 | 3.502 | 302 | 202 |  |  |
|  | Grain/Bread | 402 | $3.50 z$ | 302 | 402 | 302 | $15.50 z$ |
|  |  |  |  |  |  | 302 | 17.50z |
|  |  |  |  |  |  | WGR percentage $\rightarrow$ | 88\% |
| Fruit |  |  |  |  |  |  |  |
| - All juice must be 100\% full strength juice. <br> - No more than half of the fruit/vegetable offerings can be in the form of juice. <br> - Therefore, no more than 2.5 cups of juice per week. |  | Canned Fruit ( $1 / 2$ cup) <br> 100\% Fruit Juice (1/2 cup) | Fresh Fruit ( $1 / 2$ cup) 100\% Fruit Juice (1/2 cup) | Canned Fruit ( $1 / 2$ cup) <br> 100\% Fruit Juice ( $1 / 2$ cup) | Fresh Fruit (1/2 cup) 100\% Fruit Juice ( $1 / 2$ cup) | Canned Fruit (1/2 cup) <br> 100\% Fruit Juice ( $1 / 2$ cup) | 5 cups |
|  | des: 5 cups (1 cup) |  |  |  |  |  |  |
| Veqetable | NOTE: Not required but mays | ibstiute a vegetable for the | fruit component. The 100\% juice requirements also apply forr vegetables. |  |  |  |  |
|  |  |  |  |  |  |  |  |

## Tips to Help You Plan Menus Like a Pro

## Cycle Menus

- Saves time
$>$ Gathering nutrition documentation
$\rightarrow$ Planning menus
$>$ Standard grocery list
$>$ Staff become more familiar with recipes \& production procedures
- Controls food cost
> Forecasting
$>$ Reduce food waste


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Unfortunately, the Product Supply Chain issues are not any better. So here are some tips when food items do not come in and you need to make changes on your menu....
$\checkmark$ Replace food items with a "like" item.

- Choose an entrée with similar crediting amounts (i.e. 2 M/MA \& 2 G/B)
- Choose another vegetable from the same subgroup
$\checkmark$ You can move days around in the same week.
- Example - switch Monday and Thursday's menu.
- Example - switch the R/O vegetable for a different day in the same week
$\checkmark$ Order 2-3 weeks in advance (if possible)


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## When all else fails....



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# Thank you! 

## Contact Information

Nutrition Department

800.545.7892 or<br>217.782.2491<br>cnp@isbe.net

https://www.isbe.net/nutrition

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| Tuesday |
| :---: |
|  |
| $1 \%$ white/choc <br> $(1$ cup $)$ |

1) Chicken Nuggets
( 5 each $=200$ eq)
2) Fish Sticks
( 5 each $=2.5 \mathrm{Soz} \mathrm{eq}$ )
```
1) WGR Chicken Nuggets
(s each -1 oz eal + WGR
Mac/Cheese ( \(1 / 2\) cup -1 oi eq)
2) WGR Fish Sticks [s each 2.502 eal + WGR Mac)
Cheese ( \(1 / 2\) cup -1 er eal)
```

5.5 oz eq

