

Rural Health Outreach Program Nutrition Basics March 28, 2024













Agenda

- Housekeeping Items
- HRSA Outreach Program Western Oklahoma Wellness
- Learning Objectives
 - Recall the five MyPlate food groups
 - Prioritize two nutrition label components
 - Analyze sample nutrition label
- Questions & Closing

This activity has been planned and implemented in accordance with the Accreditation Requirements and Policies of the Oklahoma State Medical Association (OSMA). OFMQ is accredited by the OSMA to provide continuing medical education for physicians.



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Continuing Education Credit

For CE credit:

 Evaluation forms will be sent out after the presentation. A completed form is required to be submitted for credit.



About WOW

 Western Oklahoma Wellness is a program to advance rural healthcare through increased access to care, education, and opportunities to reduce the onset of diabetes and other chronic conditions.

Counties We Work In:

- Beckham
- Greer
- Kiowa
- Washita
- Roger Mills





Funded Through HRSA

We Work With:

ONIE Project: The Oklahoma Nutrition Information and Education (ONIE) Project promotes healthy living through innovative and creative strategies for communities, families and individuals.

SWOSU Rural Health Center: The RHC develops programs for community-based healthcare services collaborating with local pharmacies and hospitals for the advancement of the health and well-being of the medically underserved population in Oklahoma.

<u>Community Partners</u>: County-Specific Health Departments, State Health Department, OSU Extension, Town of Granite, Mangum Regional Hospital, Elkview General Hospital, Cordell Memorial Hospital, Roger Mills Hospital, City of Elk City

WOW is funded through the HRSA Rural Health Care Outreach Services Program, Grant No. D04RH40277







Stephanie DeBerry, MS, RDN, LD

Stephanie is a registered dietitian and serves as the ONIE Project Assistant Director and an Assistant Professor of Research in the Health Promotion Sciences department, Hudson College of Public Health at the OU Health Sciences Center. She enjoys her role on an interdisciplinary public health team that uses innovative approaches to evidence-based interventions. Stephanie is currently working to earn her Ph.D. in Allied Health, Nutrition Sciences and is interested in understanding consumer purchasing behavior in underserved populations and how it impacts diet quality, with an emphasis on farmers market incentive programs. She is an avid home gardener and a regular shopper at her local farmers market. She also loves visiting farmers markets when she travels to check out the local food scene





Nutrition Basics: MyPlate, the Nutrition Label & Sodium, Oh My!

Western Oklahoma Wellness Consortium Meeting March 28th, 2024







Overview & Objectives

- Breaking down the nutrition label
 - O Why read labels?
 - What is required?
 - Label break down by section
- Practice reading nutrition labels
- Match 1:1 Salt Check
- ONIE Resources

Objectives:

- 1. Recall the five MyPlate food groups
- 2. Prioritize two nutrition label components when choosing foods
- 3. Analyze sample nutrition label to determine if it meets the 1:1 standard

About ONIE

The Oklahoma Nutrition
Information & Education (ONIE)
Project is a SNAP-Ed grant
funded through USDA via
Oklahoma Human Services.

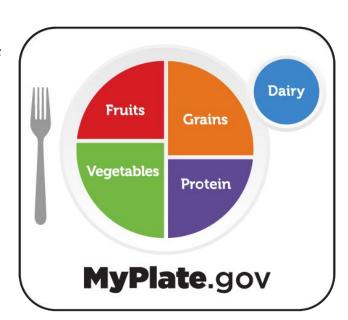
ONIE promotes healthy living for Oklahomans through community nutrition, resource development & health campaigns.



What the heck is MyPlate?

MyPlate

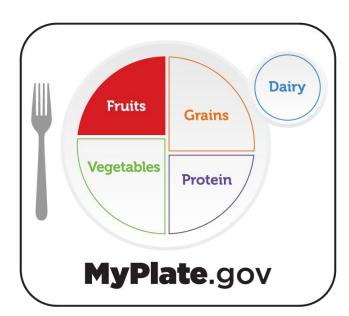
- Based on the Dietary Guidelines for Americans
- Offers information & ideas to help create a healthy lifestyle for people of all ages
- Visual reminder to make healthy choices from each of the five food groups
- Everything you eat & drink counts



Focus on whole FRUITS

- Whole fruit or 100% juice
- Fresh, canned, frozen, or dried
- Choose fruit canned in water or 100% juice

Portion Size:		
raw, canned, or cooked fruit	1 cup	size of your fist
pureed fruit (applesauce)	1 cup	8 oz cup
100% fruit juice	1 cup	8 oz cup
dried fruit	½ cup	small handful

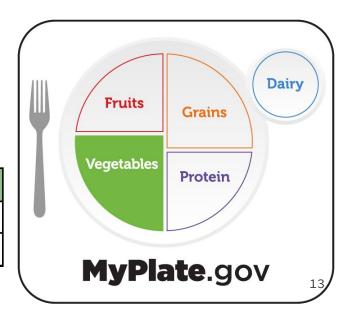


Vary your VEGGIES

- Whole vegetables or 100% vegetable juice
- Five sub-groups:
 - Dark green
 - Red & orange
 - Beans & peas
 - Starchy
 - Other

- Raw or cooked
- Fresh, frozen, canned, or dried
- Choose a variety of colors,
 vegetables from all five groups

Portion Size:		
raw, canned, cooked, or juiced vegetables	1 cup	size of your fist
leafy greens	2 cups	size of two fists



Make half your plate FRUITS & VEGGIES

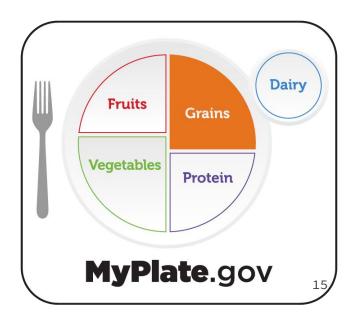




Make half your grains WHOLE GRAINS

- Foods made from wheat, rice, oats, cornmeal, barley, quinoa, or other grains
- Choose whole-grain options of bread, pasta & tortillas
- Look for 100% whole grain on packaging
- Check the ingredient list for "whole grains"

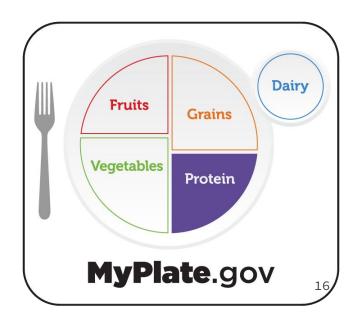
Portion Size: (1 oz equivalents)		
bread	1 oz	1 slice
tortillas	1 oz	1 6-inch tortilla
rice, oatmeal, pasta	½ cup	small cupped handful
popcorn	3 cups	2 large handfuls



Vary your PROTEIN routine

- Choose lean meat & poultry
- Aim for at least 8 oz of seafood/week
- Meatless options: eggs, beans, soy & unsalted nuts
 & seeds
- Eat a variety of protein foods to maximize health benefits

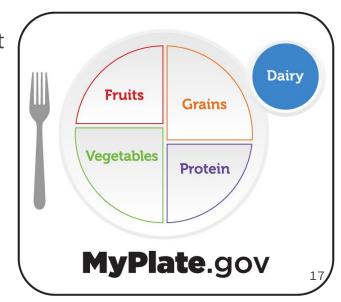
Portion Size: (1 oz equivalents)		
meat, poultry, seafood	1 oz	size of your thumb, base to tip
eggs	1 oz	1 egg
cooked beans	1/4 cup	cupped palm of your hand
nuts & seeds	½ 0Z	cupped palm of your hand
nut butters	1 Tbsp	size of your thumb, knuckle to tip



Move to low-fat or fat-free DAIRY

- Choose fat-free (skim) or low-fat (1%) options
- Low-fat milk has all the vitamins & minerals as whole,
 with less fat & calories
- Foods that are calcium-fortified such as soy milk count
- Include lactose-free dairy or fortified soy versions
- Foods like cream cheese that have little calcium
 DO NOT count

Portion Size: (1 cup equivalents)		
milk, soy milk, yogurt	1 cup	
1 slice cheese (cheddar, mozzarella, swiss, parmesan)	1 ½ oz	
processed cheese (American)	1 oz	



How many of you are nutrition label readers?

Why should I read nutrition labels?

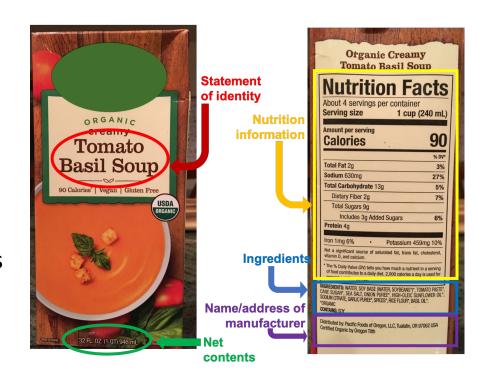
- Determine what is in the food
- Determine the serving size
- Easily compare products
- Food & Drug Administration (FDA) approved facts
- %Daily Value of nutrients
- Determine the amount of nutrients in a food

Okay, let's break down a nutrition label

What info is on a nutrition label?

FDA labels <u>must</u> include these components:

- 1. Statement of identity
- 2. Net contents of the package
- 3. Ingredient list
- 4. Manufacturer's name & address
- **5.** Nutrition information (Nutrition Facts Panel)



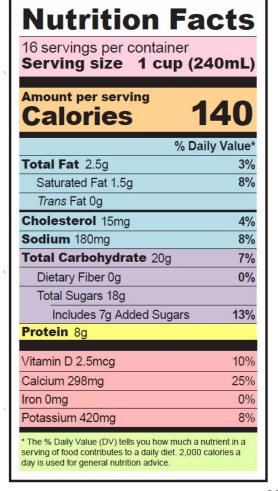
Serving Size

- All numbers on the label are for 1 serving
- Label shows servings per container
- Example:
 - Eat 2 servings: multiply label numbers x2
 - Eat ½ of a serving: cut all numbers in half

Nutrition Fac	cts
16 servings per container Serving size 1 cup (24	0mL)
Amount per serving Calories 1	40
% Daily	/ Value*
Total Fat 2.5g	3%
Saturated Fat 1.5g	8%
Trans Fat 0g	
Cholesterol 15mg	4%
Sodium 180mg	8%
Total Carbohydrate 20g	7%
Dietary Fiber 0g	0%
Total Sugars 18g	
Includes 7g Added Sugars	13%
Protein 8g	
Vitamin D 2.5mcg	10%
Calcium 298mg	25%
Iron 0mg	0%
Potassium 420mg	8%
* The % Daily Value (DV) tells you how much a nut serving of food contributes to a daily diet. 2,000 ca day is used for general nutrition advice.	

Calories

- Calories are the energy supplied by food
- If it is not burned, it will be stored in the body as fat



Fat & Sodium

- Aim for < 78g of Total Fat/day
- Aim for < 20g of Saturated Fat/day
- Aim for < 300mg of Cholesterol/day
- Aim for < 2,300mg of **Sodium**/day
- Choose no-salt-added or low-sodium foods

16 servings per container Serving size 1 cup (2	240mL
Amount per serving Calories	140
% D	aily Value
Total Fat 2.5g	3%
Saturated Fat 1.5g	8%
Trans Fat 0g	
Cholesterol 15mg	4%
Sodium 180mg	8%
Total Carbohydrate 20g	7%
Dietary Fiber 0g	0%
Total Sugars 18g	
Includes 7g Added Sugars	13%
Protein 8g	
Vitamin D 2.5mcg	10%
Calcium 298mg	25%
Iron 0mg	0%
Potassium 420mg	89
* The % Daily Value (DV) tells you how much a serving of food contributes to a daily diet. 2,000 day is used for general nutrition advice.	

USDA, 2020

Carbohydrates

- Aim for 300g Total Carbohydrates/day
- Aim for at least 28g of Fiber/day
- Fiber helps digest food & makes you feel full longer
- Added Sugars are sugars added in processing & do not occur naturally in the product
- Example: Milk vs. Chocolate milk

16 servings per container Serving size 1 cup (2	240mL)
Amount per serving	140
% Da	aily Value*
Total Fat 2.5g	3%
Saturated Fat 1.5g	8%
Trans Fat 0g	
Cholesterol 15mg	4%
Sodium 180mg	8%
Total Carbohydrate 20g	7%
Dietary Fiber 0g	0%
Total Sugars 18g	
Includes 7g Added Sugars	13%
Protein 8g	
Vitamin D 2.5mcg	10%
Calcium 298mg	25%
Iron 0mg	0%
Potassium 420mg	8%

Protein

- Aim for 20g of Protein/meal
- Aim for 50-60g/day
- Small servings of lean meat, fish & poultry
- Look for protein sources
 other than meat, such as
 beans (less saturated fat & more fiber)

16 servings per container Serving size 1 cup	(240mL)
Amount per serving Calories	140
%	Daily Value
Total Fat 2.5g	3%
Saturated Fat 1.5g	8%
Trans Fat 0g	
Cholesterol 15mg	4%
Sodium 180mg	8%
Total Carbohydrate 20g	7%
Dietary Fiber 0g	0%
Total Sugars 18g	
Includes 7g Added Sugars	13%
Protein 8g	
Vitamin D 2.5mcg	10%
Calcium 298mg	25%
Iron 0mg	0%
Potassium 420mg	8%

Vitamins & Minerals

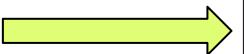
- Aim for 100% of all nutrients a day
- Good source ≥ 10% DV
- Great source ≥ 20% DV
- Vitamin D helps absorb Calcium & improves bone health
- Iron helps prevent anemia
- Potassium helps regulate blood pressure

mL)
/alue*
20/
3%
8%
4%
8%
7%
0%
13%
10%
25%
0%
8%

Footnote

Percent Daily Values (%DVs)

- How much a serving of food contributes to your overall intake of nutrients
- Compare %DV between foods for nutrients
 - O Low ≤ 5% DV
 - High ≥ 20% DV



Nutrition Fa	acts
16 servings per container Serving size 1 cup (2	240mL)
Amount per serving Calories	140
% D	aily Value*
Total Fat 2.5g	3%
Saturated Fat 1.5g	8%
Trans Fat 0g	
Cholesterol 15mg	4%
Sodium 180mg	8%
Total Carbohydrate 20g	7%
Dietary Fiber 0g	0%
Total Sugars 18g	
Includes 7g Added Sugars	13%
Protein 8g	
Vitamin D 2.5mcg	10%
Calcium 298mg	25%
Iron 0mg	0%
Potassium 420mg	8%

What is the bottom line?

Nutrients to get more of:

Nutrients to get less of:

Dietary Fiber: ≥28g

Vitamin D: ≥20mcg

Calcium: ≥1300mg

Iron: ≥18mg

Potassium: ≥4700mg

Saturated Fat: ≤20g

Trans Fat: 0g

Sodium: ≤2300mg

Added Sugars: ≤50g

Nutrition Fac	ets
16 servings per container Serving size 1 cup (24	0mL)
Amount per serving	40
% Daily	Value*
Total Fat 2.5g	3%
Saturated Fat 1.5g	8%
Trans Fat 0g	
Cholesterol 15mg	4%
Sodium 180mg	8%
Total Carbohydrate 20g	7%
Dietary Fiber 0g	0%
Total Sugars 18g	
Includes 7g Added Sugars	13%
Protein 8g	
Vitamin D 2.5mcg	10%
Calcium 298mg	25%
Iron 0mg	0%
Potassium 420mg	8%
* The % Daily Value (DV) tells you how much a nutr serving of food contributes to a daily diet. 2,000 cal day is used for general nutrition advice.	

Let's practice!

Practice Activity - Speed Reading Nutrition Labels

Think about this:

- What label information will you prioritize? (choose 2)
- Would you consider this food healthy? Why or why not?
- If this food LOW (< 5%) or HIGH (> 20%) in the %DV of a nutrient?
- Would you eat this food?

35 seconds to complete

Practice Activity

- What label information will you prioritize? (choose 2)
- Would you consider this food healthy? Why or why not?
- If this food LOW (< 5%) or
 HIGH (> 20%) in the %DV of a nutrient?
- Would you eat this food?



Nutrition Fa 12 servings per conta Serving size 1 Piece	ainer
Calories	90
% Daily Value*	
Total Fat 6g	7%
Saturated Fat 3g	15%
Trans Fat 0g	
Cholesterol 15mg	5%
Sodium 190mg	8%
Total Carbohydrate 1g	0%
Dietary Fiber 0g	0%
Total Sugars 0g	
Includes 0g Added Sugars 0%	
Protein 7g	15%
Vitamin D 0.1mcg	0%
Calcium 210mg	15%
Iron 0.1mg	0%
Potassium 55mg	2%
* 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.	

How many of you check the sodium on nutrition labels?





Match 1:1

- Check the calories
- Check the sodium
- Is the sodium the same or less than the calories?
- Not a perfect method, but good for a quick reference



Let's practice!

Does this meet the 1:1 standard?





	Amount per serving Calories Nutrition Facts about 3.5 servings per container Serving size 1/2 cup (130g) 120	
	% Daily Value*	
	Total Fat 0g 0%	
	Saturated Fat 0g 0%	
	Trans Fat 0g	
	Cholesterol Omg 0%	
4	Sodium 130mg 6%	
	Total Carbohydrate 22g 8%	
	Dietary Fiber 9g 32%	
	Total Sugars 0g	
	Includes 0g Added Sugars 0%	
	Protein 8g	
	Vit. D 0mcg 0% • Calcium 50mg 4%	
	Iron 2.5mg 15% • Potas. 400mg 8%	



ONIE Resources

Choose Homemade Calendar

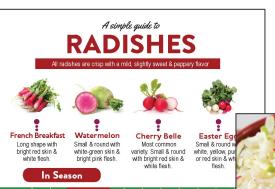
- 1st edition in 2003
- Available in English & Spanish
- Culturally-tailored content
- Healthy & tasty recipes
- Distributed state-wide to schools, libraries, clinics, and more





How-to Recipe Cards

Describes "how-to" use a single produce item on one side & has adjoining recipe highlighting that item on the other side







March - May

How To Select

 Choose radishes with crisp, bright green leaves. Radishes should feel heavy for their size & have firm, vibrant skin.



Avoid dull radishes with wrinkled skin, wilted roots & leaves.

How To Store

- . Cut off radish greens & store separately in a zip-close bag. Refrigerate up to 1-2 days.
- Place radishes in a loosely close plastic bag. Refrigerate in crisper drawer 7-10 days.

How To Prepare



Rinse with water & slice or shred. Add into salads. burgers, sandwiches, or sub as chips with dip!

Wash greens & add to salads, smoothies or pestol Cut in fourths, toss in dive

oil & seasoning of choice. Cook over medium-high heat 5-7 minutes until tender & slightly crisp.

Wash greens & cook 2-3 minutes over medium heat with olive oil & garlic.

Tib: Use radish greens to make ONIE's Garlic Radish Greens Pesto!

oil & seasoning of cho

Bake cut side down 1

- · 1 small head cabbage, shredded · 1 Granny Smith apple, cut into matchsticks
- 3 medium radishes, cut into matchsticks
- 1 small white onion, finely diced
- 1 lemon, juiced
- 1/4 cup honey 1/2 cup apple cider vinegar
- 1 1/2 Tbsp water
- 3 Tbsp olive oil
- 1/2 tsp celery seed
- 1/2 tsp ground mustard
- 1/2 tsp black pepper

Preparation:

- In a large bowl, add cabbage, apple, radish, onion & lemon juice. Mix well.
- 2. In a small jar, add honey, vinegar, water, oil, celery seed, ground mustard & pepper. Shake or stir until
- 3. Add dressing to cabbage mix & toss. Refrigerate 30 minutes before serving.





Nutrition Facts







Recipe Cards

Choose Homemade Bilingual Recipe Cards

Recipe cards, double-sided with same recipe in both English & Spanish





Ingredients:

- 1 lb 90/10 lean ground beef
- 1 medium onion, diced
- 3 cloves garlic, minced
- 1 celery rib. diced
- 1 (10 oz) bag matchstick carrots
- 1 (6 oz) can no-salt-added tomato paste
- 1 Tosp Zesty Italian Seasoning
- 1/4 cup minced fresh basil
- •1 (32 oz) carton unsalted beef broth
- 1 cup 1% low-fat milk
- 1 (16 oz) box whole-wheat penne pasta
- 1 cup shredded parmesan cheese, divided

Preparation:

- 1. In a large stockpot, add beef, onion & garlic. Cook 8-10 minutes or until cooked through, crumbling meat throughout.
- 2. Add celery, carrots, tomato paste, Italian seasoning & basil. Mix well. Cover & cook 3-4 minutes.
- 3. Add broth & milk. Bring to a boil. Reduce heat to medium-low & add pasta. Cook 15-20 minutes or until pasta is cooke
- 4. Remove from heat & stir in 3/4 cup parmesan cheese. Serve topped with remaining parmesan.







Turn over for bilingual recipe

40 Min



Ingredientes:

1 lb de carne de res molida 90% magra

PASTA BOLOÑESA CON

CARNE DE RES

40 Min Porciones 8

Calorias 400

- 1 cebolla mediana, en cubitos
- · 3 dientes de aio, picados finamente
- 1 tallo de apio, en cubitos
- 1 bolsa (10 oz) de zanahorias ralladas •1 lata (6 oz) de pasta de tomate sin sal añadida
- 1 cda de Condimento Italiano Picante
- 1/4 taza de albahaca fresca, picada finamente
- •1 cartón (32 oz) de caldo de res sin sal añadida
- 1 taza de leche baia en grasa al 1%
- •1 caja (16 oz) de pasta penne integral
- 1 taza de queso parmesano rallado, dividida

Preparación:

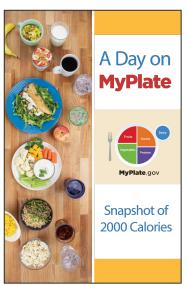
- En una olla grande, añadir la carne de res, la cebolla y el ajo. Cocinar 8-10 minutos o hasta que la carne esté bien cocida, desmenuzando por completo.
- Añadir el apio, las zanahorias, la pasta de tomate, el condimento italiano y la albahaca. Mezclar bien.
- Cubrir v cocinar 3-4 minutos. 3. Añadir el caldo y la leche. Llevar a hervor. Reducir el fuego a medio-bajo y añadir la pasta. Cocinar 15-20 minutos o hasta que la pasta esté cocida, revolviendo ocasionalmente.
- Retirar del fuego y añadir 3/4 taza de gueso parmesano. Servir con el queso parmesano restante.

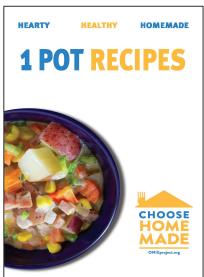
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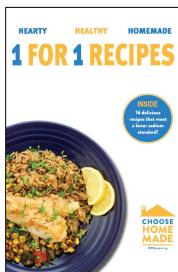
Recipe Booklets











Ordering Resources



ONIE

Statewide Reach

Community Organizations
Farmers Markets
Food Banks & Pantries
Government Agencies
Health Care Facilities
Health Departments
Nonprofits
Schools & Other Educational
Facilities
Other Partner Organizations



Scan QR code to order materials!

Or visit onieproject.org/resources

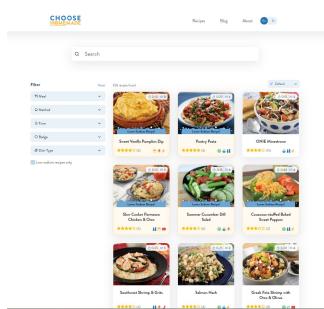
©©©® ONIE PROJECT

ONIE Materials Request Form Does your organization serve low-income Oklahomans * To check USDA definition of SNAP-Ed eligible individuals click here. https://snaped.fns.usda.gov/snap/Guidance/Section1.pdf		
Organization Name *		
	£	
Contact Name *		
Shipping Address *		
Silipping Addition		
City *		
State *		
Oklahoma		
Zip Code *		
Contact Email *		
Contact Phone Number *		

Digital Resources

- Tasty Text
- Choosehomemade.org
 - Easy healthy recipes
- Onieproject.org
 - Healthy living blogs
 - Order print materials
- YouTube Choose Homemade
 - Quick Cooking Videos





WOW - Weeks of Wellness

- Cooking Demonstrations
 - Interactive demos
 - Feature local produce (when available)
 - Provide nutrition resources
- Let's Get Moving Events
 - Free Family Fun Runs
 - Physical Activity
- Art Competitions
 - Healthy Living in Rural Oklahoma theme
- Grocery Store Tours
- Social Media Cooking Demos









Summary

- MyPlate offers information to create a healthy lifestyle for people of all ages
- Breaking down the nutrition label
 - Important info can be found on nutrition labels
 - There are 5 required parts of a nutrition label
 - Prioritizing nutrition label components to make food choices
- Match 1:1 is an easy way to check your sodium intake
- ONIE has FREE nutrition education resources



Thank you for participating today!







ONIE Western Oklahoma Wellness Team

Meredith Scott-Kaliki, MS, CHES
ONIE Director
meredith-scott@ouhsc.edu

Stephanie DeBerry, MS, RDN, LD ONIE Assistant Director stephanie-deberry@ouhsc.edu

Viki Castaneda, MA
ONIE Nutrition Coordinator
viki-castaneda@ouhsc.edu

Kerisa Tapper ONIE Operations Coordinator kerisa-tapper@ouhsc.edu



Upcoming Events!

- WOW Consortium Meeting
 - Thursday, May 2, 2024
 - Location: Elk CityArrowhead Center





For more information on WOW and how to join our consortium:

Jayme Noble – <u>inoble@ofmq.com</u>

Visit: https://www.ofmq.com/

WOW page: https://www.ofmq.com/wow