

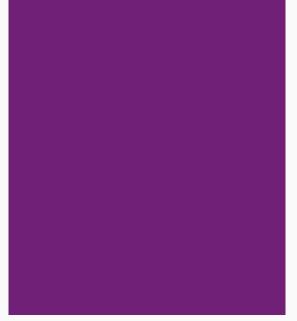


# Healthy living Immune Boosting Foods

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### **AGENDA**

- Immunity
  - Immune System
  - Immunity Through Foods
- Inspiration in the Store
- Inspiration in the Kitchen

### >> HEALTHY LIVING AND BRAIN HEALTH



**IMMUNITY** 

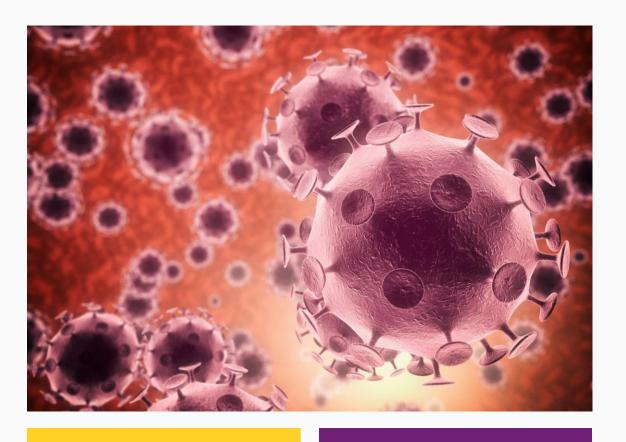


IN THE STORE



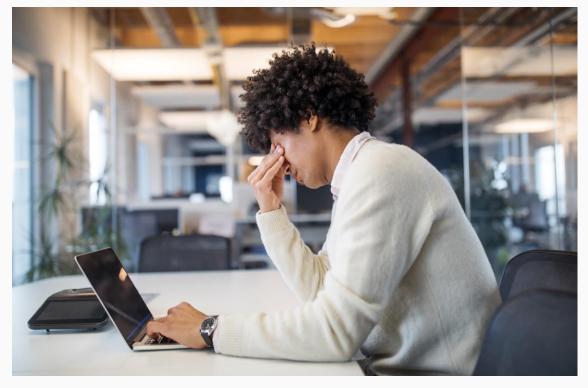
IN THE KITCHEN





## IMMUNE SYSTEM

- Our Defenses:
  - Skin
  - Sweat & Tears
  - Respiratory Tract
  - Gut
  - Immune Cells



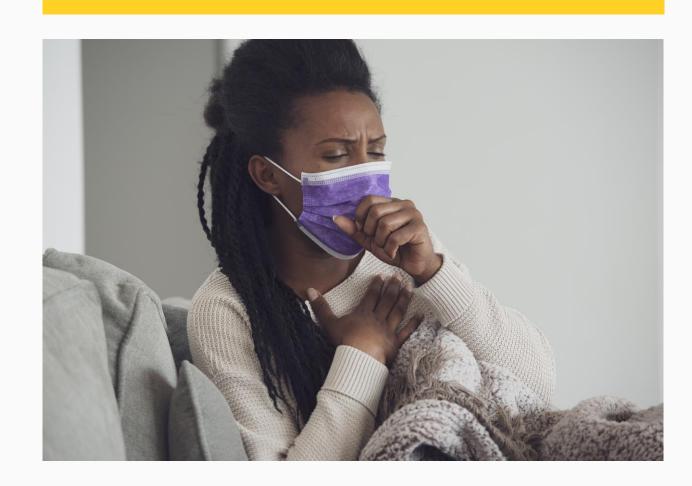


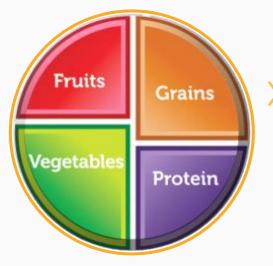
## What suppresses our immune system?

- Stress
- Inadequate Sleep
- Poor Eating Habits
- Free Radicals

## >> CONSEQUENCES

- Acute and chronic disease
- Autoimmune disease
- Diminished response against infection





## >> FIGHT WITH FOOD!

- Balanced Diet
- Fighting Nutrients:
  - Vitamin A
  - Vitamin C
  - Protein
  - Vitamin D
  - Iron
  - Zinc
  - Selenium







## >> VITAMINS A & C

- Vitamin A: fat-soluble;
   needed for immune system,
   vision, reproduction.
  - Liver, fish, eggs, dairy, leafy greens, orange/yellow produce
- Vitamin C: healing process; needed for blood vessels, cartilage, muscle, collagen.
  - Citrus fruit, bell peppers, strawberries, kiwi, broccoli





### >> PROTEIN

- Building blocks for all cells, including immune cells.
- Needed for healing and repair.
  - Lean meats, fish, dairy, eggs, beans, legumes, nuts, seeds





### >> VITAMIN D

- Critical to bone health and linked to reduced inflammation, reduced cancer cell growth, controlling infections.
- One of the most common nutritional deficiencies.
  - Sunlight, fatty fish, egg
    yolks, cod liver oil,
    mushrooms, fortified
    foods (milk, orange juice)





### >> IRON

- Regulation of immune cells.
- **Heme iron:** meat, seafood,
- Non-heme iron: leafy greens, beans, legumes, fortified ready-to-eat cereals





### >> ZINC

- A trace mineral needed for immunity and metabolism.
- Important for wound healing and senses of taste and smell.
  - Oysters, crab, red meat, dairy, legumes, seeds, whole grains.





## >> SELENIUM

- · Powerful antioxidant.
- Helps lower oxidative stress in your body, which reduces inflammation and enhances immunity.
  - Oysters, Brazil nuts, halibut and yellowfin tuna, sunflower seeds, eggs, shiitake mushrooms.











## PRO & PREBIOTICS

- 70% of immune system located in the gut
- **Probiotics** are live good bacteria
  - Fermented foods
- **Prebiotics** are food for probiotic bacteria
  - High fiber foods





### >> HERBALS

- Small studies have shown immune-boosting effects of several herbal supplements
- Echinacea
- Green tea (tea catechins)
- Garlic
- Spices: cinnamon, ginger, cloves, turmeric







## >> MEAL INSPIRATION

- Look for prepped meals & meal inspiration throughout the store:
  - Deli, produce, frozen
- Healthy Living 30-minute meals in the produce section (select stores)





## >> HANDPICKED

- Selected by nutritionists
- Healthy Hutch
- Smart-Snacking End Cap







## >>> BECOME SAVVY WITH LABELS

- Serving size
- Calories
- Total Fat
- Sodium
- Carbohydrates
  - Fiber
  - Added Sugar
- Protein
- Micronutrients

#### **Nutrition Facts**

8 servings per container

Serving size 8 fl oz (240mL)

**Amount per serving** 

#### **Calories**

110

% Daily Value*	
Total Fat 0g	0%
Saturated Fat 0g	0%
Trans Fat 0g	
Cholesterol 0mg	0%
Sodium 5mg	0%
Total Carbohydrate 27g	10%
Dietary Fiber 0g	0%
Total Sugars 25g	
Includes 23g Added Suga	rs <b>46%</b>
Protein 0g	
Vitamin D 0mcg	0%
Calcium 0mg	0%
Iron 0mg	0%
Potassium 40mg	0%

\* 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.

#### **Nutrition Facts**

5 servings per container

Serving size 1/2 cup (125g)

Amount per serving

Calcium 30mg

Potassium 450mg

Iron 1mg

Calories

**50** 

6%

10%

% Daily Value*	
Total Fat 0g	0%
Saturated Fat 0g	0%
Trans Fat 0g	
Cholesterol 0mg	0%
Sodium 280mg	<b>12</b> %
Total Carbohydrate 11g	4%
Dietary Fiber 3g	<b>11%</b>
Total Sugars 6g	
Includes 0g Added Sugars	0%
Protein 2g	
Vitamin D 0mcg	0%

## GUIDING STARS



One Star means **good** nutritional value. Reads the labels and evaluates recipes so you don't have to!

Two Stars, **better** nutritional value.

Three Stars, **best** nutritional value.





<sup>\*</sup> 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.



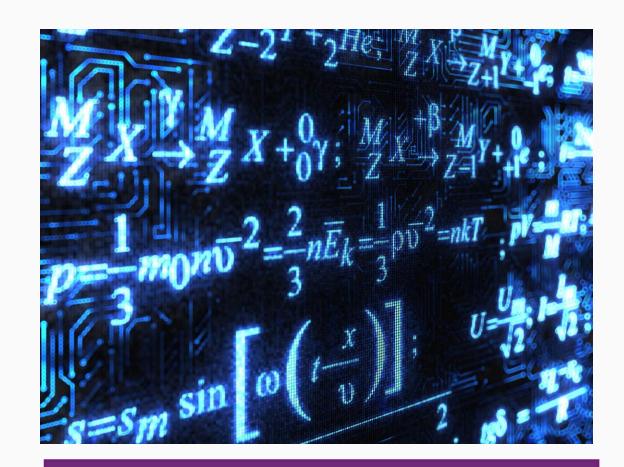
## COOKING FOR ONE

- Make a plan
- Proper storage for leftovers
- Flexible ingredients what else can you make with it?
- Perishables look for smaller packages
- Have some pantry staples on hand
  - Consider canned or frozen



## >>> ADAPTING RECIPES

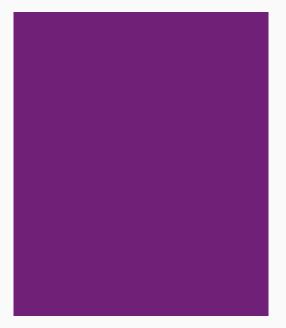
- Baking vs. Cooking
- Use a tool
- Common conversions:
  - 1 lb. = 16 oz
  - 1 tbsp = 3 tsp
  - 1 pint = 2 cups
  - $\frac{1}{4}$  cup = 4 tbsp
- Common serving sizes:
  - Protein: 3-4 oz
  - Grains: l oz (l slice of bread, ½ cup cooked grains, l cup dry cereal)



## >> WINTER RECIPE INSPIRATIONS

- Inspiration for using root vegetables, winter ingredients
- Roast them
  - Roasted root veggie medley
- Make them into soup
  - Curried carrot ginger soup







## >>> PREPPING TOUGH VEGGIES: BUTTERNUT SQUASH





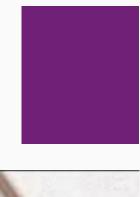
## >>> PREPPING TOUGH VEGGIES: TURNIP



## >>> PREPPING TOUGH VEGGIES: GINGER



## >>> PREPPING TOUGH VEGGIES: **BEETROOT**





## >>> PREPPING TOUGH VEGGIES: FENNEL



### >> RESOURCES

#### Savory Recipes:

- Blood Orange Chia Pudding
- Sheet Pan Omelet Breakfast Sandwiches
- Pork Chop Piccata
- Mini Crab and Shrimp Cakes
- Roasted Root Veggie Medley
- Curried Carrot Ginger Soup

#### YouTube Video:

- How To Chop Every Vegetable
- Guiding Stars:
  - Shop Like a Nutrition Expert





## **HEALTH** IS FOR EVERYONE

#### **CONNECT WITH US**



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Healthy Living by Giant podcast

