# **NUTRITION:** THE OFF-FIELD SECRET TO LEVELING UP YOUR GAME







### Assistant Director at MN Moose



# BACKGROUND

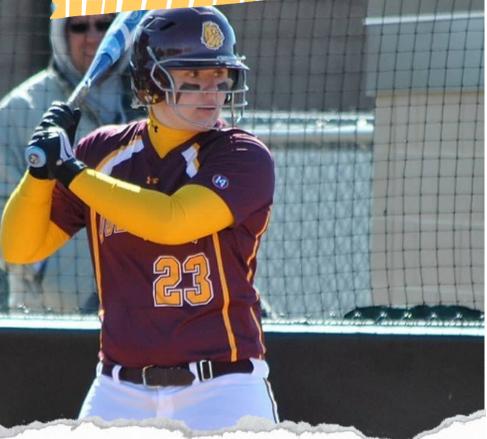
#### **Education**

B.S.Exercise Science & Psychology (UMD) M.A. Holistic Health Studies (SCU)

NSCA Certified CSCS Precision Nutrition Level 1 Nutrition Coaching Institute Level 1 & 2 GGS Level 1 & 2 (Almost)







### **UMD Softball** 2011-2015

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### **St. Kate's Assistant** 2015-2019







### Level Up Your Game



### Level Up Your Game

### Perform at Your Best



### Level Up Your Game

### Perform at Your Best

### Win More Championships

# NUTRITION & SOFTBALL

#### Softball is about the long game.

If you want to come out on top of Championship Sunday, you have to have more than skill...

It requires strategy beyond 1st & 3rd Plays & batter approaches...





# NUTRITION & SOFTBALL

Softball is about the long game.

It requires strategy OFF THE FIELD!







# NUTRITION & SOFTBALL

Softball is about the long game.

It requires strategy **OFF THE FIELD!** 

> Most Importantly in what you eat!





# 

## WHY DOES IT **MATTER?**



D



# FUN FACTS

62%

**OF PEOPLE** WORLDWIDE SUFFER FROM DIGESTIVE COMPLAINTS ONCE PER YEAR.

AS MANY WOMEN SUFFER FROM **DIGESTIVE HEALTH ISSUES ON A WEEKLY BASIS COMPARED TO** MEN.

**2X** 



95% **OF SEROTONIN** (YOUR MOOD BOOSTING HORMONE) IS **PRODUCED IN THE** SMALL INTESTINE.



IMMUNE SYSTEM LIES **IN OUR GUT!** 

# BUILD A BETTER GUT, BUILD A BETTER ATHLETE.

**Christina Meyer-Jax** 



#### Nutrition







How You Score





# DEFENSE

### How You Protect

**REMEMBER! DEFENSE WINS CHAMPIONSHIPS BUT YOU CAN'T WIN WITHOUT SCORING.** 



# **3 OFFENSIVE TOOLS**



### **Short Game**



# **3 OFFENSIVE TOOLS**



### **Short Game**

**Base Hits** 



# **3 OFFENSIVE TOOLS**



### **Short Game**

**Base Hits** 



### Homeruns



### Hydration

Sources for Hydration

How to Hydrate



# THIRST SIGNALS

If you're thirsty, you're already dehydrated.

How do you feel? 2

Urine Chart

3

Fatigue Dry Mouth Headaches Light-Headedness Dizziness Confusion or Mental Fatigue Mood Changes Urinating Less Than 3x/Day

\*Prolonged dehydration can lead to heat cramps, exhaustion or stroke which can keep you out of the game for a prolonged period of time.

## **Signs of Dehydration**

## SOURCES

- Water
- Water + Electrolyte Packet
- Fruits & Veggies
- Diluted Sports Drinks



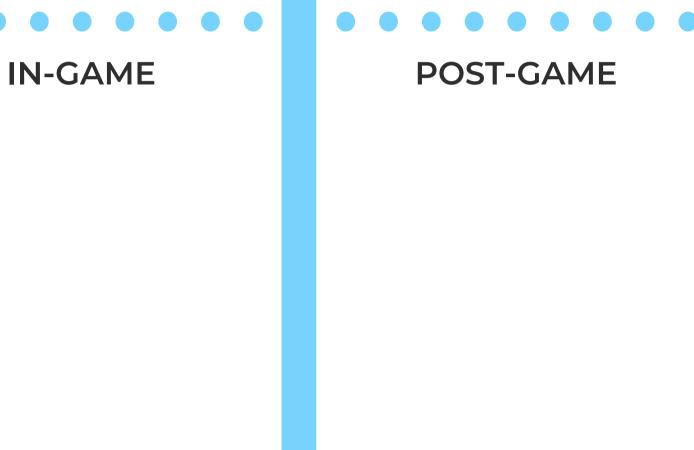
# MORST SOURCES

- Pop
- Coffee
- Milk

• Sugary Juices or Drinks



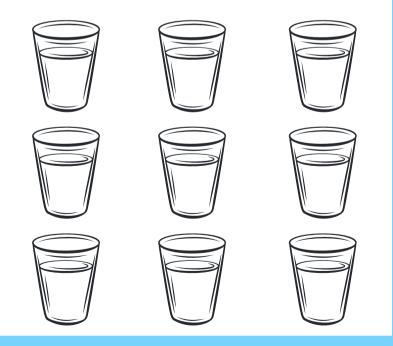
GENERAL RECOMMENDATIONS **PRE-GAME** 



#### $\bullet \bullet \bullet \bullet \bullet \bullet \bullet \bullet \bullet$

GENERAL RECOMMENDATIONS

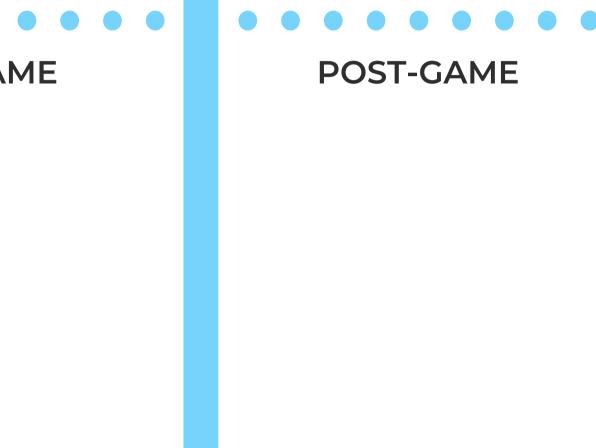
> 9 CUPS OR 85 OZ. OF WATER PER DAY



**PRE-GAME** 

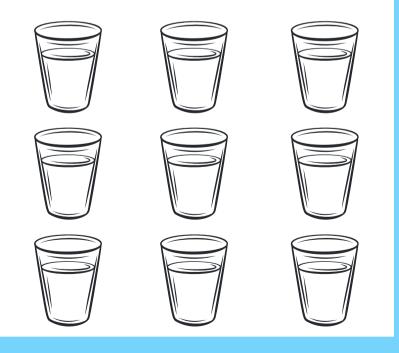
 $\bullet \bullet \bullet \bullet$ 

**IN-GAME** 



**GENERAL** RECOMMENDATIONS

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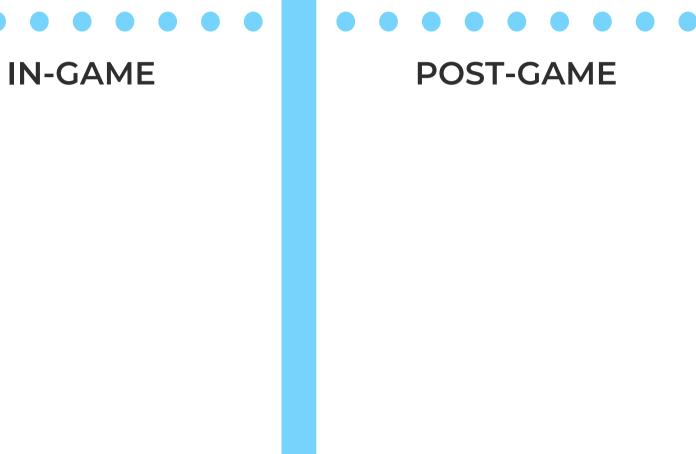
**PRE-GAME** 



**2-3 HOURS BEFORE:** 15-20 OZ.

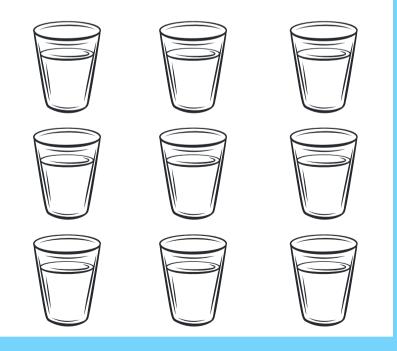


30-45 MIN. BEFORE: 8-10 OZ.



GENERAL RECOMMENDATIONS

9 CUPS OR 85 OZ. OF WATER PER DAY



**PRE-GAME** 



**2-3 HOURS BEFORE:** 15-20 OZ.



30-45 MIN. BEFORE: 8-10 OZ.

**IN-GAME** 



5-10 OZ. EVERY 10-20 **MINUTES** 

TAKE A DRINK EVERY INNING





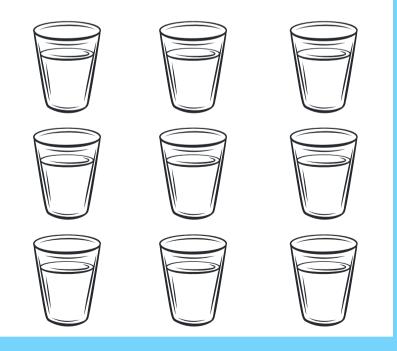


#### **POST-GAME**

#### $\bullet \bullet \bullet \bullet \bullet \bullet \bullet \bullet \bullet$

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**IN-GAME** 



5-10 OZ. EVERY 10-20 MINUTES

TAKE A DRINK EVERY INNING

#### ME





#### **POST-GAME**



#### 8-10 OZ. 30 MINUTES POST GAME

START DURING YOUR POST-GAME CHAT







The Food You Eat This makes up the majority of your game!

# HOW to Build Your Plate

Protein

Carbs

Fats

### Veggies



Necessary for the proper functioning of a body.

The basis of skin, hair, and nails.

They're responsible for helping build & maintain muscle.

It also keeps you full!

# PROTEIN

Chicken Breast (Skinless) 93+% Lean Turkey Breast 93+% Lean Ground Beef Bison Burger Venison Pork Tenderloin Any White Fish Any Shellfish Egg Whites (Carton or Egg) 0% Fat Cottage Cheese 0% Greek Yogurt Tuna



Often thought of as unhealthy, the "good" fats are necessary for functioning.

They build cell membranes, nerve tissue and hormones.

A slow-burning energy source.

# FATS

Peanut Butter Almond Butter Coconut Oil Grass Fed Butter Olive Oil Avocado Any Nuts Coffee Creamer Any Cooking Oils (Not Vegetable or Canola)



The body's primary source of energy.

An excellent source of fiber.

A great way to add flavor and excitement to your plate.



Sweet Potatoes Red Potatoes Any Beans or Legumes Brown Rice White Rice Ezekiel Bread Rolled Oats Any Berries Quinoa Fruit



Best source of micronutrients.

They add volume to your meals.

It's a great contributor to hydration.

# VEGGIES

### ANY and ALL!

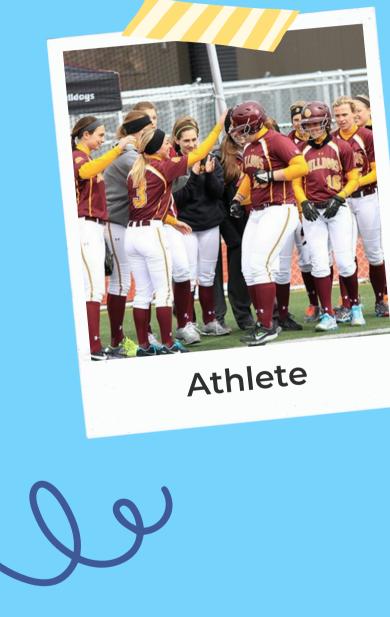
Aim for Mostly Green & Leafy Veggies



# **How Much You Eat** The Big Difference Maker

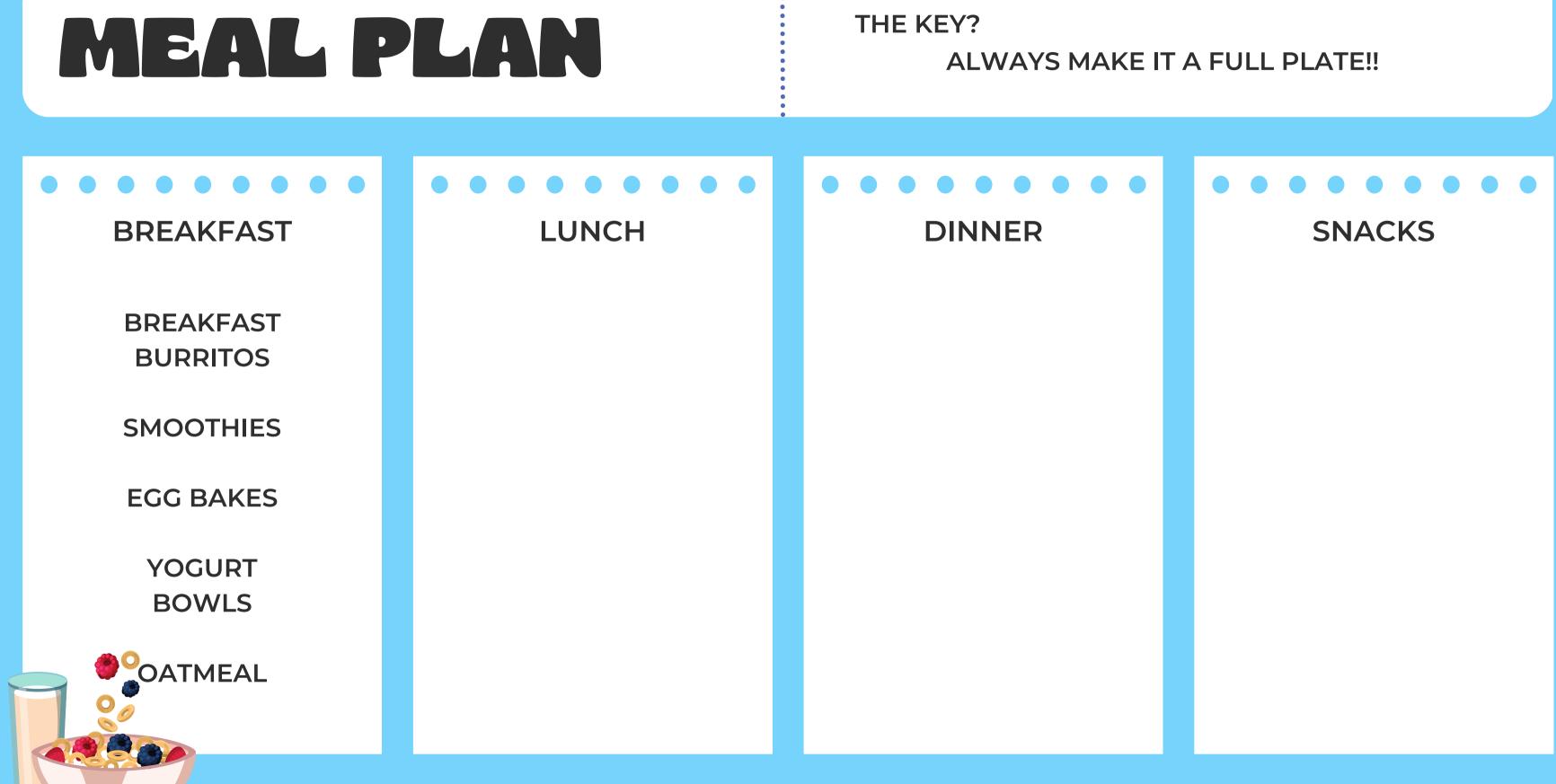
### WHO DO YOU WANT TO BE?

Don't eat like a bird, Eat like an athlete.



D



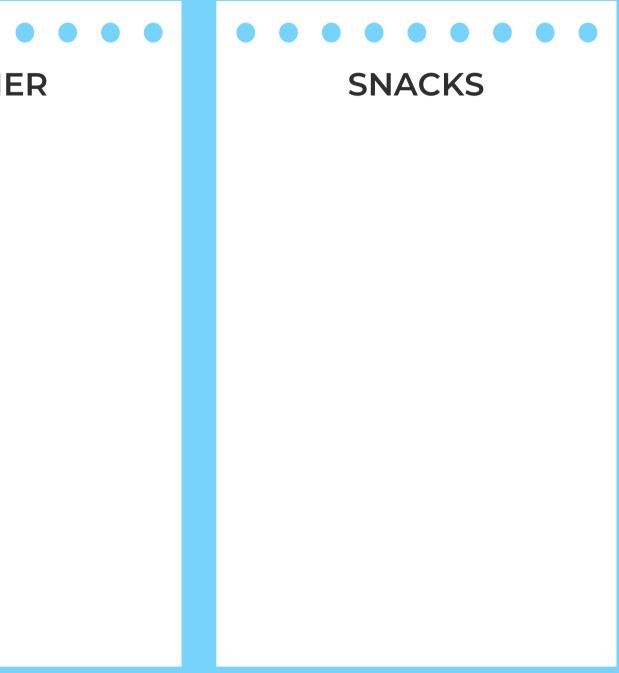


THE KEY? ALW

### MEAL PLAN

#### BREAKFAST LUNCH DINNER **SANDWICHES** BREAKFAST **BURRITOS WRAPS SMOOTHIES** SALADS EGG BAKES PASTA SALADS YOGURT YOGURT BOWLS BOWLS DINNER **LEFTOVERS** UNC

#### ALWAYS MAKE IT A FULL PLATE!!



THE KEY? ALW

### MEAL PLAN

| BREAKFAST | LUNCH        | DINNE      |
|-----------|--------------|------------|
|           | SANDWICHES   | TACOS      |
| BREAKFAST |              |            |
| BURRITOS  | WRAPS        | GRILLED ME |
|           |              | SIDES      |
| SMOOTHIES | SALADS       |            |
|           |              | SALAD      |
| EGG BAKES | PASTA SALADS |            |
|           |              | STIR FR    |
| YOGURT    | YOGURT       |            |
| BOWLS     | BOWLS        | CROCKP     |
|           |              | DINNEF     |
|           | DINNER       |            |
|           | LEFTOVERS    | SHEET PAN  |
|           |              |            |
|           | LUNCH        |            |

#### ALWAYS MAKE IT A FULL PLATE!!



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|           |              |            |
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#### ALWAYS MAKE IT A FULL PLATE!!

### ER S IEATS + S DS RY POT ERS

**MEALS** 

SNACKS

YOGURT

#### **FRUIT & VEGGIES**

NUTS & TRAIL MIX

#### **DELI MEAT**

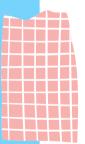
PROTEIN BARS & SHAKES

**GRANOLA BARS** 

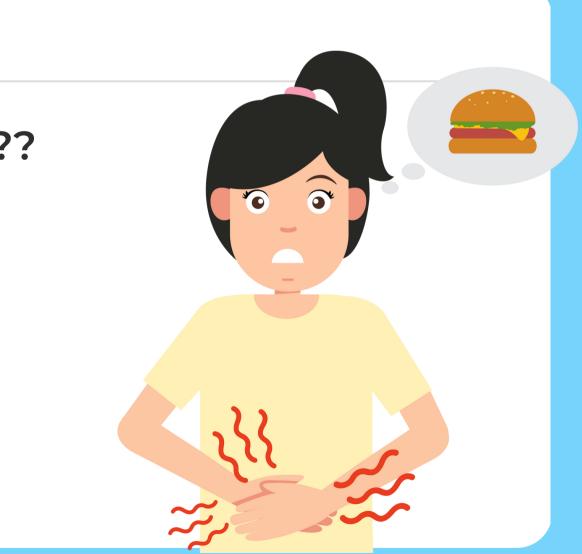
### A NOTE ON HUNGER...

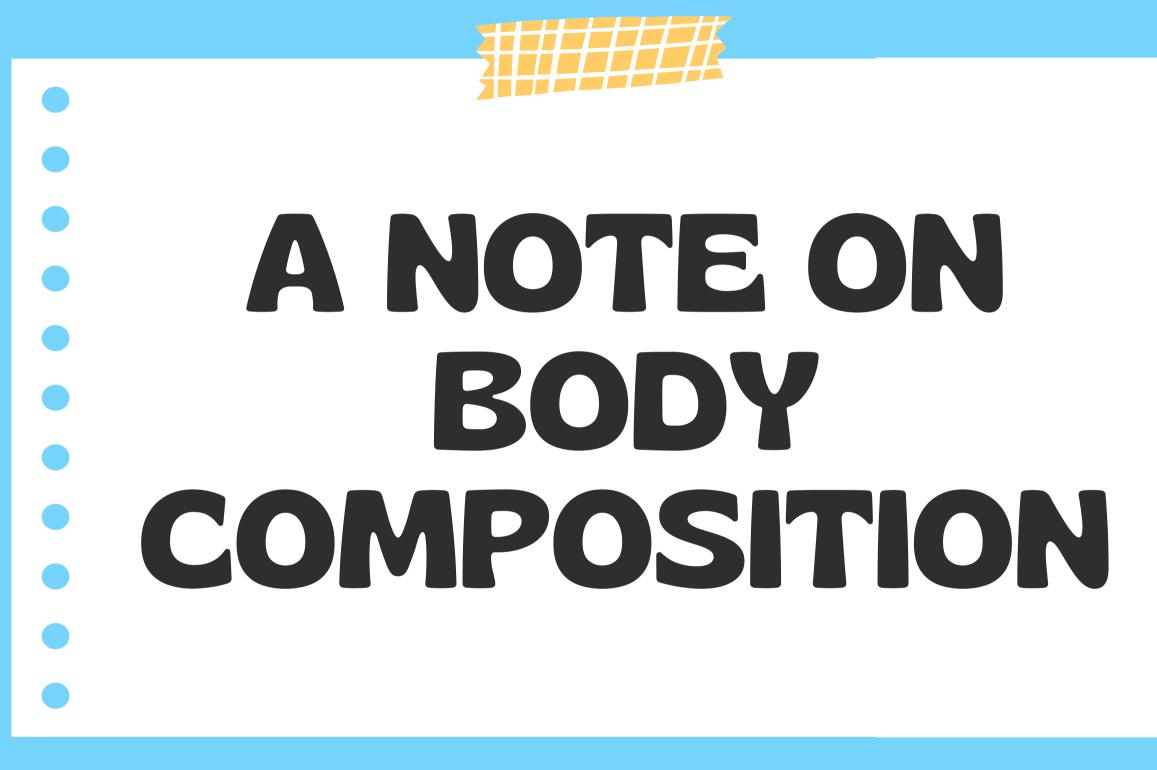
If you're hungry, EAT!

#### But how do you know If you're really hungry??



When's the last time you ate?When Is your next meal?Where do you feel your hunger?What were you doing before you felt hungry?Is your hunger generalized or for something specific?









Your Pitchers & Catchers -

Can't have a game without them!

#### 24-48 Hours Before



#### It Starts Before Game Day!

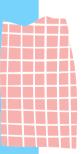
24–48 Hours Prior

Your Pitchers & Catchers -

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### 24-48 Hours Before

- It Starts Before Game Day!
- Balanced Meals
- High Quality Food Items
- Limit Sugar & Sodium Intake
- Hydrate, Hydrate, Hydrate



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#### Let's Talk Carb Loading...

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#### The Day Of

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- Tune Up & Warm Up • Easily Digestible, Whole Foods • Protein + Carbs + Fruits + Veggies Protein Fats • Limit Sugar & Sodium Intake Veggies Carbs

### Let's Talk Carb Loading...



24 - 48Hours Prior

### The Day Of



The Infield -First Line of Defense

#### How to Fuel:



Restocks Your Fuel Stores

The Infield -First Line of Defense

#### How to Fuel:

- Easily Digestible, Whole Foods
- Low Sugar
- Protein + Carbs + Fruits + Veggies
- Be Aware of Fats
- High in Electrolytes
- Hydrate, Hydrate, Hydrate

Restocks Your Fuel Stores

The Infield -First Line of Defense

### How to Fuel:

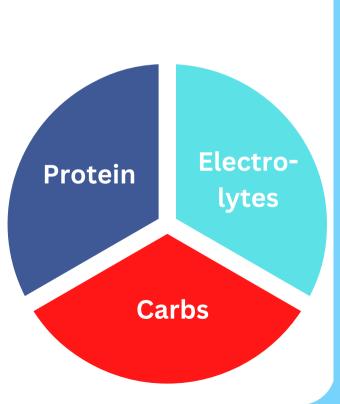
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### **Best Foods for Between Games**

- Fruits & Veggies
- Sandwiches & Wraps
- Trail Mixes
- Homemade Lunchables
- Pasta Salads





The Infield -First Line of Defense

### How to Fuel:

### **Best Foods for Between Games**

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Fruits & Veggies
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Trail Mixes
Homemade Lunchables
Pasta Salads
Ands...

### Let's Talk Concession Stands...

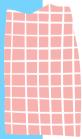






Outfield -The Last Line of Defense

#### How to Fuel:



Speed Is Key!

Prepare for Championship Sunday!

Outfield -The Last Line of Defense

### How to Fuel:

itter

- Balance Celebration & Nutrition (Habit Stack)
- Well-Balanced Plates (Favor Carbs)
- Limit Heavy, Extremely Filling Foods
- Hydrate, Hydrate, Hydrate!

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Outfield -The Last Line of Defense

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### The Longer You Wait, The Harder It Gets

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Outfield -The Last Line of Defense

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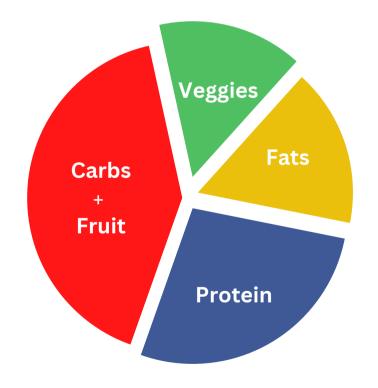
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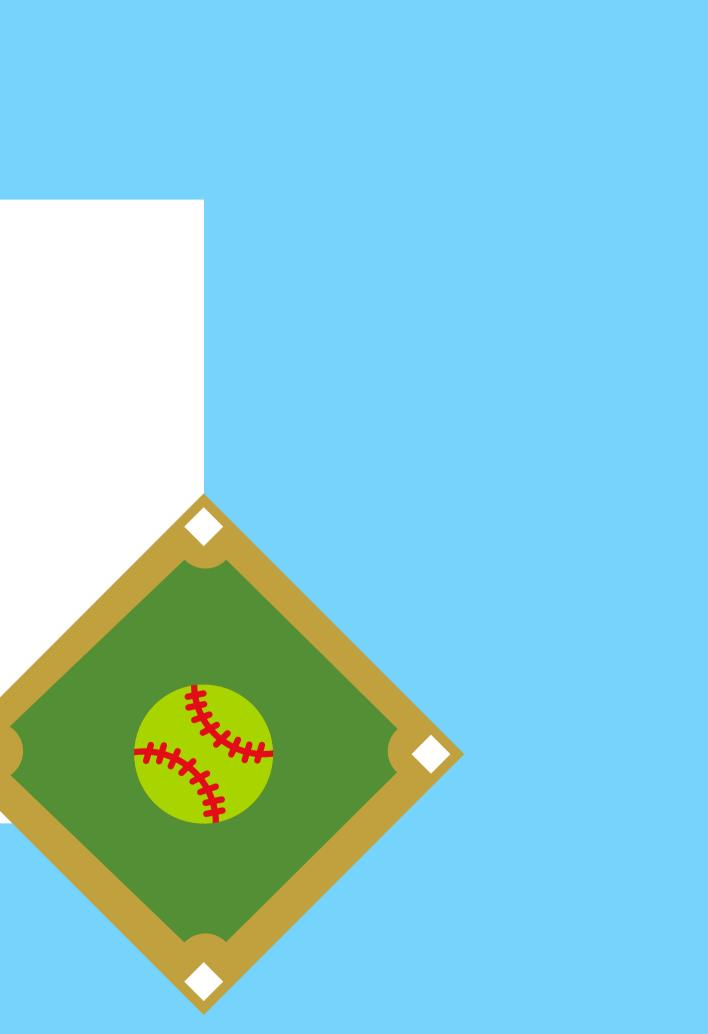
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#### **Best Post-Game Meals**



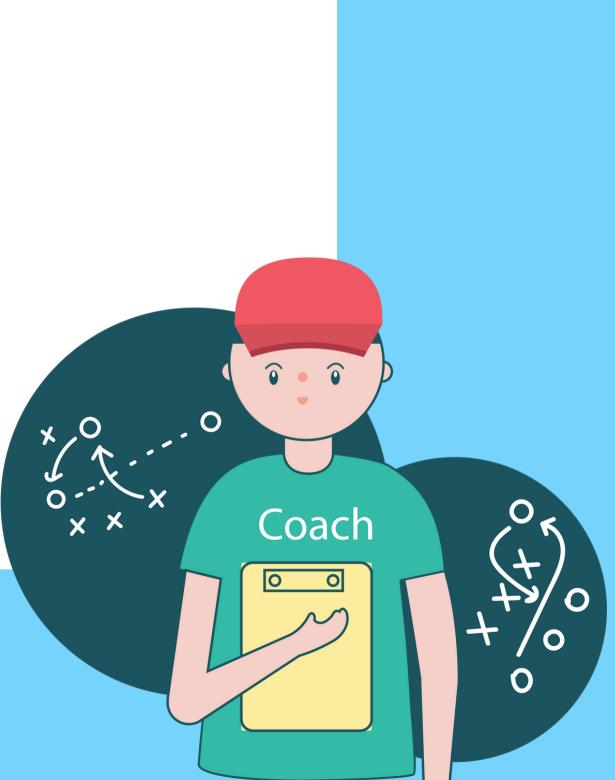


### We're missing a key part to any softball game...





### COACHES



# HEAD COACH

Role & Responsibilities:

- Create & Hold the Vision of the Team
- Manage All Parts of the Team
- Build a Positive Environment for Growth
- Prepare for Practices & Games
- Strive for Continuous Improvement

- - Growth
- Assist the Head Coach in Practice & Game Execution
- Strive for Continuous Improvement

## ASSISTANT COACH

- Role & Responsibilities:
  - Bridge the Gap Between Head
    - Coach & Athletes
  - Help Organize & Maintain
    - Equipment
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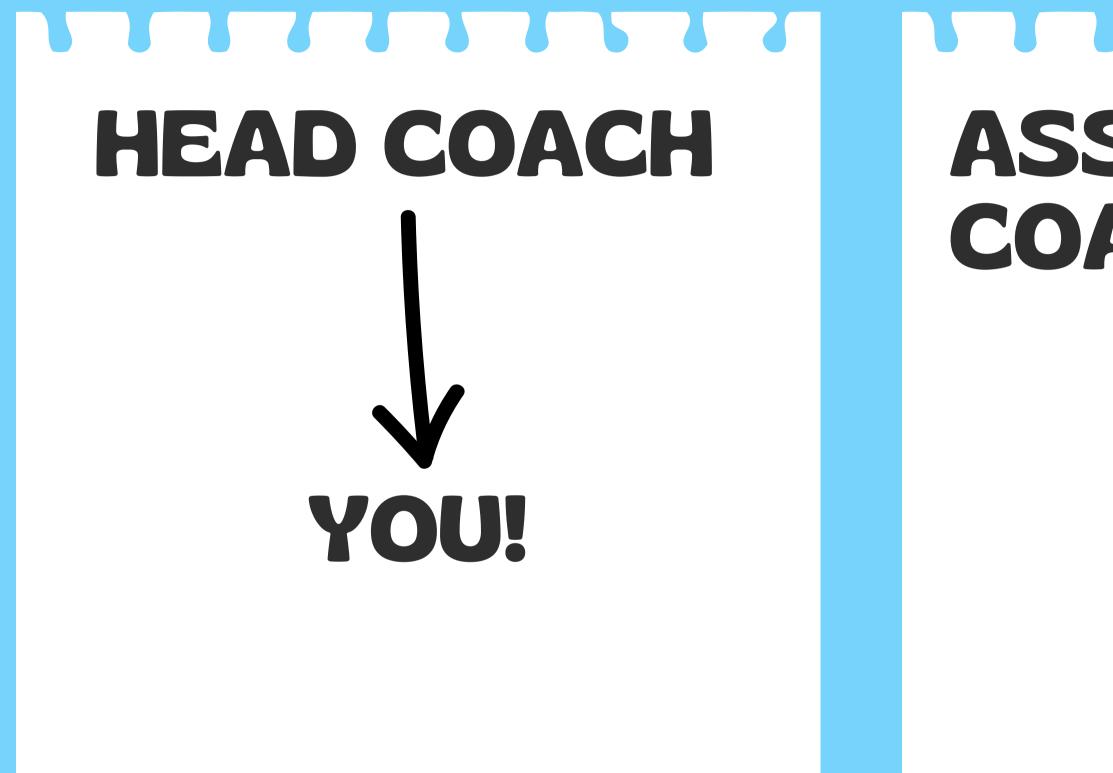
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### WHO IS WHO?

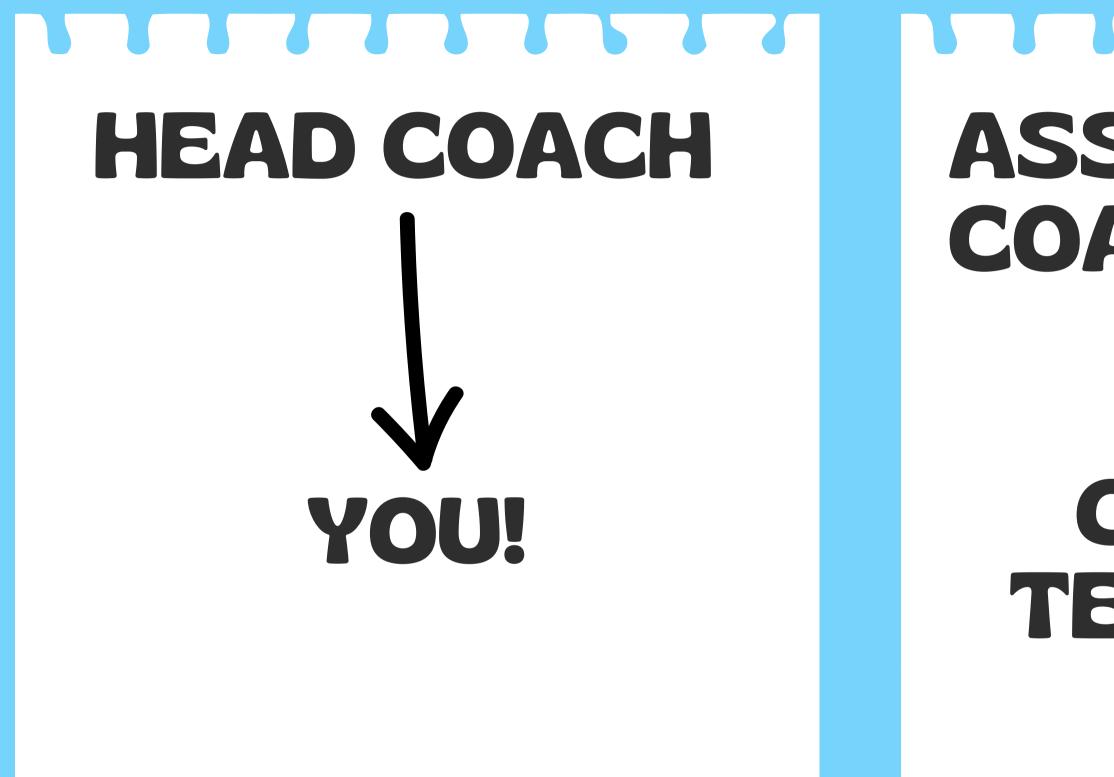
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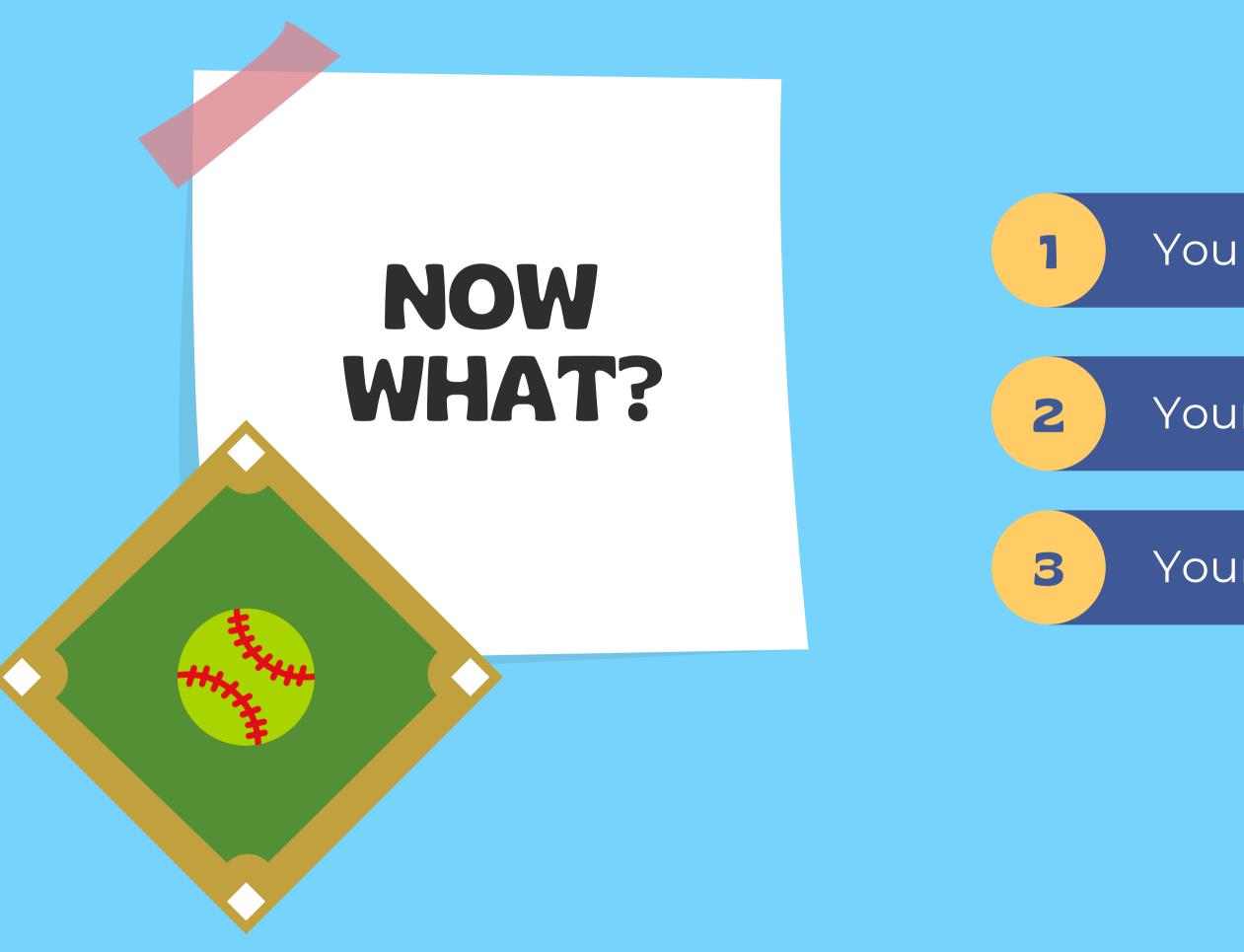


## ASSISTANT COACH



## ASSISTANT COACH

### FAMILY, COACHES, TEAMMATES



### Your Family

### Your Team

# 

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