

## Fueling for Health: The Basics of Nutrition

"Boy, I'm really sleepy from eating all those vegetables."
--Sald no-one ever







## **Handout Contents**

**MyPlate Information** 

**Daily Energy Needs** 

**Portion Sizes** 

**Power Plate** 

**Fueling for Performance** 

10 Tips Info Sheets

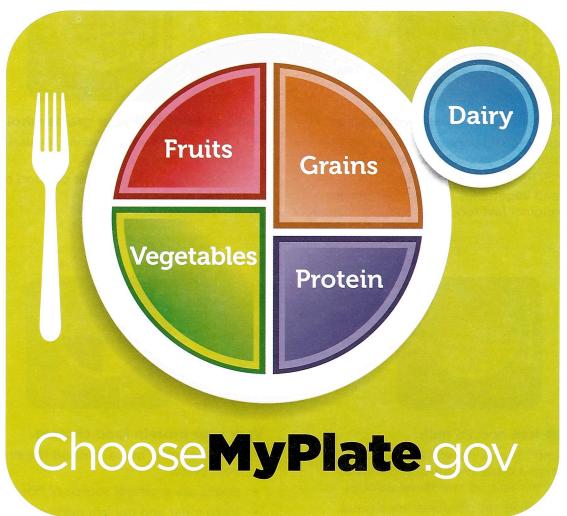
**Fueling for Recovery** 

**SMART Goals** 

Goals vs. Outcomes

**Recommended Resources** 

# **MyPlate**



U.S. Department of Agriculture

Vegetables-Vary your veggies.

Fruits-Focus on fruits.

Grains-Make at least half your grains whole.

Dairy-Get your calcium-rich foods.

Protein Foods-Go lean with protein.

# **MyPlate** Nutrition Tips



## Make half your plate fruits and vegetables.

- Eat red, orange, and dark-green vegetables such as tomatoes, sweet potatoes, and broccoli—in main and side dishes.
- Eat fruit and vegetables as snacks—they are nature's original fast foods.



### Switch to fat-free and 1% milk.

- Fat-free and 1 % milk have the same amount of calcium and other essential nutrients as whole milk but less fat and fewer calories
- Calcium-fortified soy products are a great alternative to dairy foods.



## Make at least half your grains whole.

- Choose 100% whole-grain cereals, breads, crackers, rice, and pasta.
- Check the ingredients list on food packages to find whole-grain foods.



### Vary your protein food choices.

- Twice a week, make seafood the protein on your plate.
- Beans are a natural source of fiber and protein.
- · Keep meat and poultry portions small and lean.

# Cut back on foods high in solid fats, added sugars, and salt.

- Drink water instead of sugary drinks.
- Select fruit for dessert. Eat sugary desserts less often.
- Add spices or herbs to season food without adding salt.
- Make major sources of saturated fats such as cakes, cookies, ice cream, pizza, cheese, sausages, and hot dogs—occasional choices, not everyday foods.

## Eat the right amount of calories for you.

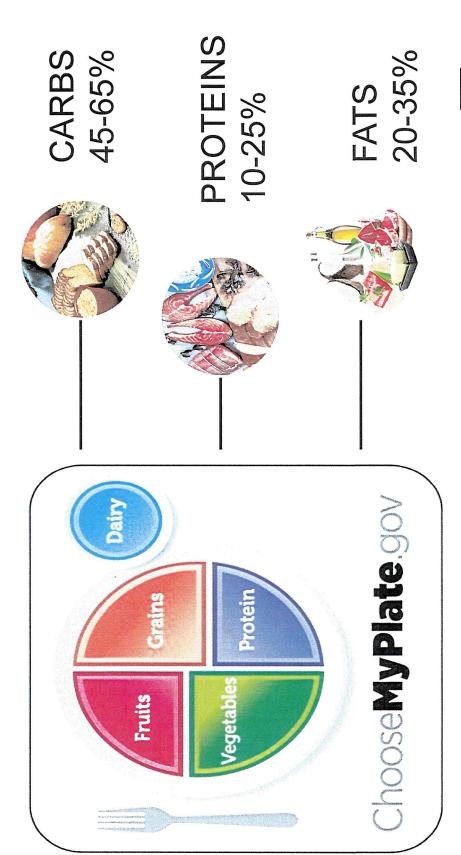
- Get your personal daily calorie limit at www.ChooseMyPlate.gov and keep that number in mind when you are deciding what to eat.
- Choose smaller portions.

## Be physically active your way.

- Pick activities that you like and start by doing what you can, at least 10 minutes at a time.
- Every bit adds up, and the health benefits increase as you spend more time being active.



# Daily Energy Needs









## THE BIG THREE: CARBOHYDRATE, PROTEIN, FAT

## **Grains: "Come Back to Earth" • Carbohydrate = FUEL for the brain & muscles**

- · Main sources are: Breads, cereals, grains, beans, fruits, and vegetables.
- What to look for in a grain: The least processed forms of grain you can find.
- · Think brown and found close to the ground!
- The best choices will have more than 3g of FIBER per serving.

## The Top 5 Grains













## Protein: "The Less Legs the Better" • Protein = Building blocks for our bodies

- Protein builds muscle and maintains the immune system.
- Main sources are: Lean Meats, Low Fat Dairy, Eggs, and Beans/Legumes.
- What to look for: Lean protein sources. Typically the less legs on the animal the protein came from, the better it is for you.
- Try to include a lean protein source with every meal.
- Protein needs increase with activity. Intake ranges from 0.5g (recreational exerciser) to 0.8g (building muscle mass) of protein per pound of body weight. You will never need more than 1g per pound for health or muscle mass gains. The palm of your hand equals about 30-40g of protein.

## The Top 5 Proteins















## Fats: "Eat Healthy Fat " • Healthy Fats = Energy Density

- · Healthy Fats provide energy, help to regulate blood sugar, improve cholesterol, and keep you feeling full.
- Omega-3 fatty acids improve cognition, decrease inflammation, and enhance heart health. They are considered essential because your body cannot make them, you must get them through food. Omega-3's are found in fatty fish like salmon, trout, and tuna, as well as flaxseed, walnuts, and omega-3 fortified foods.
- Try to get one serving of healthy fat per meal (2 total servings of fatty fish per week).

## The Top 5 Fats











Avocado



# The key is many SMALL portions



1 serving of meat, poultry or fish = 3 07 fish = 3 oz.



1 serving of rice or pasta = 1/2 C



1 serving of cereal = 1 C



1 serving of cheese =  $1\frac{1}{2}$  oz.



medium-sized piece

Tips to stay on track:

or 1 C leafy greens

- Use a smaller plate.
- Weigh portions on a scale.
- Check Nutrition Facts label for serving sizes.
- Measure the amounts bowls, glasses, cups and plates hold.

# **Portion Sizes**



is about the size of a















is about the size of a

is about the size of

6 dice

postage stamp





½ cup of pasta is about the size of a tennis ball





is about the size of a ping pong ball

is about the size of a

% cup of ice crean

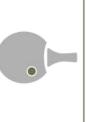
is about the size of a

tennis ball

baseball













# **POWER PLATE** EAT TO FUEL YOUR PERFORMANCE

Focus on whole grains

# GRAINS

milk, 100% juice (ilmit 4 oz); sports drinks as Coffee\*, tea\*, milk/nondairy

needed \*watch

caffeine conten

UNSWEETENED

WATER

DRINKS

(such as whole-grain bread and pasta, brown rice, cereal, and quinoa)

STAND DOWN

STARCHY VEGETABLES

# (such as corn, peas,

and potatoes)

# HEALTHY FATS

Olive oil Avocado Nuts/seeds

**LEAN PROTEIN** 

Take smaller bites

· Slow down

· Focus on flavor

· Chew more

EAT MINDFULLY

VEGGIES

cottage cheese, soy/tofu

Aim for variety the more color, the better!



ess-processed

POWER UP

for intense training or operations Increase grains & starchy vegetables to 1/2 of your plate STAND DOWN

vegetables to 1/4 of your plate on easy/rest days or for weight loss Decrease grains & starchy

# BE ACTIVE

For optimal performance, match your portions with can change day to day) your activity level (this



Team USA's Athlete's Plates

Adapted from:

For more information, visit HPRC-online.org/nutrition

.... HUMAN PERFORMANCE RESOURCES by CHAMP | HPRC-online.org



# **Fueling for Performance**

to maximize your training results. Nutrient timing before, during, and after workouts helps you perform at your best and makes a difference in roper fueling is all about getting the right nutrients at the right time how prepared you will be for your next mission.





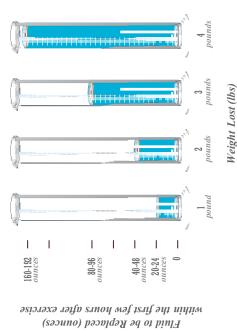
guarantee a great training session and will keep you from 30%. Hydrating before, during and after your workout can Being dehydrated can decrease performance by almost falling out. By fueling immediately after exercise, you can increase your muscles' energy stores and improve recovery by 50%. Eating fruits and vegetables can help with fluid replacement. Foods such as watermelon, grapes, celery and cucumbers are great for rehydration!



In order to fully rehydrate after exercise and replace fluids lost: 1) Weigh yourself before and after exercise.

3) Drink (or eat fruit) to replace fluid losses. Check out the Fluid 2) Calculate body weight lost in lbs. Replacement Guidelines below.

# Fluid Replacement Guidelines





# Start strong, stay strong, finish strong!

Plan your meals like you plan your workouts! Strategies for eating and hydrating before, during, and after physical training are essential.



# Top off fluids and put fuel in your tank before you go!

Eating a small meal or snack and being well-hydrated before physical training:

- Maximizes performance
- Increases endurance
  - Protects muscletissue
- Helps control appetite



# STRONG

# Replenish fluids and refill as needed.

# FLUIDS + FUEL

Staying well-hydrated during exercise:

- Maximizes performance
- Reduces the risk for injury Maintains energy levels
- 60 minutes, refueling with 10-20 grams For training sessions lasting more than of carbohydrates every 20-30 minutes:
- Sustains performance Protects muscle tissue
  - Improves recovery

# STRONG FINISH

# Finish by refilling your tank and fluids.

and fuel shortly after training. Refueling with a 4:1 ratio of carbohydrates to protein and replacing fluid loss 30-60 minutes after exercise: The best way to end a workout and prepare for the next is to replace fluid loss

- Protects muscletissue
- Improves energy levels after training
- Controls appetite

# TARGETS

Expert: Weigh yourself before and after your workout sessions this week to determine your fluid needs.

Sharpshooter: Recover right! Refuel 30-60 minutes after

Sharpshooter: **Recover right!** Refue strenuous exercise sessions this week.

Marksman: Eat a power snack before strenuous exercise sessions this week.

Your optimal power snack choice will depend on how soon you will be training



Always stay hydrated during your training sessions and fuel during longer training sessions.



banana + water

Recovery starts immediately after you finish training. Recover right by drinkin gfluids immediately after training, followed by a meal or snack and additional fluids within 30–60 minutes







Based on the Dietary Guidelines for Americans

# Choose MyPlate

Use MyPlate to build your healthy eating style and maintain it for a lifetime. Choose foods and beverages from each MyPlate food group. Make sure your choices are limited in sodium, saturated fat, and added sugars. Start with small changes to make healthier choices you can enjoy.

Find your healthy eating style Creating a healthy style means regularly eating a variety of foods to get the nutrients and calories you need. MyPlate's tips help you create your own healthy eating solutions—"MyWins."

Make half your plate fruits and vegetables Eating colorful fruits and vegetables is important because they provide vitamins and minerals and most are low in calories.

Focus on whole fruits Choose whole fruits—fresh, frozen, dried, or canned in 100% juice. Enjoy fruit with meals, as snacks, or as a dessert.



Vary your veggies
Try adding fresh, frozen, or canned vegetables to salads, sides, and main dishes. Choose a variety of colorful vegetables prepared in healthful ways: steamed, sauteed, roasted, or raw.



Make half your grains whole grains Look for whole grains listed first or second on the ingredients list-try oatmeal, popcorn, whole-grain bread, and brown rice. Limit grain-based desserts and snacks, such as cakes, cookies, and pastries.



Move to low-fat or fat-free milk or yogurt Dairy Choose low-fat or fat-free milk, yogurt, and soy beverages (soymilk) to cut back on saturated fat. Replace sour cream, cream, and regular cheese with low-fat yogurt, milk, and cheese.

Vary your protein routine Protein Mix up your protein foods to include seafood, beans and peas, unsalted nuts and seeds, soy products, eggs, and lean meats and poultry. Try main dishes made with beans or seafood like tuna salad or bean chili.

Drink and eat beverages and food with less sodium, saturated fat, and added sugars

Use the Nutrition Facts label and ingredients list to limit items high in sodium, saturated fat, and added sugars. Choose vegetable oils instead of butter, and oil-based sauces and dips instead of ones with butter, cream, or cheese.

Drink water instead of sugary drinks Water is calorie-free. Non-diet soda, energy or sports drinks, and other sugar-sweetened drinks contain a lot of calories from added sugars and have few nutrients.

Everything you eat and drink matters The right mix of foods can help you be healthier now and into the future. Turn small changes into your "MyPlate, MyWins."





Based on the Dietary Guidelines for Americans

# Build a healthy meal

Each meal is a building block in your healthy eating style. Make sure to include all the food groups throughout the day. Make fruits, vegetables, grains, dairy, and protein foods part of your daily meals and snacks. Also, limit added sugars, saturated fat, and sodium. Use the MyPlate Daily Checklist and the tips below to meet your needs throughout the day.

Make half your plate veggies Vegetables and fruits are full of nutrients that support good health. Choose fruits and red, orange, and dark-green vegetables such as

tomatoes, sweet potatoes, and broccoli.



Get creative in the kitchen Whether you are making a sandwich, a stir-fry, or a casserole, find ways to make them healthier. Try using less meat and cheese, which can be higher in saturated fat and sodium, and adding in more veggies that add new flavors and textures to your meals.

Include whole grains Aim to make at least half your grains whole grains. Look for the words "100% whole grain" or "100% whole wheat" on the food label. Whole grains provide more nutrients, like fiber, than refined grains.

Take control of your food Eat at home more often so you know exactly what you are eating. If you eat out, check and compare the nutrition information. Choose options that are lower in calories, saturated fat, and sodium.

Don't forget the dairy

Complete your meal with a cup of fat-free or low-fat milk. You will get the same amount of calcium and other essential nutrients as whole milk but fewer calories. Don't drink milk? Try a soy beverage (soymilk) as your drink or include low-fat yogurt in your meal or snack.

Try new foods Keep it interesting by picking out new foods you've never tried before, like mango, lentils, quinoa, kale, or sardines. You may find a new favorite! Trade fun and tasty recipes with friends or find them online.

Add lean protein Choose protein foods such as lean beef, pork, chicken, or turkey, and eggs, nuts, beans, or tofu. Twice a week, make seafood the protein on your plate.

Satisfy your sweet tooth in a healthy way Indulge in a naturally sweet dessert dish—fruit! Serve a fresh fruit salad or a fruit parfait made with yogurt. For a hot dessert, bake apples and top with cinnamon.



Everything you eat and drink matters The right mix of foods in your meals and snacks can help you be healthier now and into the future. Turn small changes in how you eat into your MyPlate, MyWins.

Avoid extra fat Using heavy gravies or sauces will add fat and calories to otherwise healthy choices. Try steamed broccoli with a sprinkling of low-fat parmesan cheese or a squeeze of lemon.





Based on the Dietary Guidelines for Americans

# Eating better on a budget

Get the most for your budget! There are many ways to save money on the foods that you eat. The three main steps are planning before you shop, purchasing the items at the best price, and preparing meals that stretch your food dollars.

Plan, plan, plan! Before you head to the grocery store, plan your meals for the week. Include meals like stews, casseroles, or soups, which "stretch" expensive items into more portions. Check to see what foods 1 you already have and make a list for what you Ö need to buy.

Get the best price Check the local newspaper, online, and at the store for sales and coupons. Ask about a loyalty card for extra savings at stores where you shop. Look for specials or sales on meat and seafood—often the most expensive items on your list.

Compare and contrast Locate the "Unit Price" on the shelf directly below the product. Use it to compare different brands and different sizes of the same brand to determine which is the best buy.

Buy in bulk It is almost always cheaper to buy foods in bulk. Smart choices are large containers of low-fat yogurt and large bags of frozen vegetables. Before you shop, remember to check if you have enough freezer space.

Buy in season Buying fruits and vegetables in season can lower the cost and add to the freshness! If you are not going to use them all right away, buy some that still need time to ripen.

Convenience costs... go back to the basics Convenience foods like frozen dinners, pre-cut fruits and vegetables, and take-out meals can often cost more than if you were to make them at home. Take the time to prepare your own-and save!

Easy on your wallet Certain foods are typically low-cost options all year round. Try beans for a less expensive protein food. For vegetables, buy cabbage, sweet potatoes, or low-sodium canned tomatoes. As for fruits, apples and bananas are good choices.

Cook once...eat all week! Prepare a large batch of favorite recipes on your day off (double or triple the recipe). Freeze in individual containers. Use them throughout the week and you won't have to spend money on take-out meals.

Get creative with leftovers Spice up your leftovers—use them in new ways. For example, try leftover chicken in a stir-fry, over a garden salad, or in chili. Remember, throwing away food is throwing away your money!

Eating out Restaurants can be expensive. Save money by getting the early bird special, going out for lunch instead of dinner, or looking for "2 for 1" deals. Ask for water instead of ordering other beverages, which add to the bill.





Based on the Dietary Guidelines for Americans

# Choosing whole-grain foods

Whole grains are important sources of nutrients such as zinc, magnesium, B vitamins, and fiber. There are many choices available to make half your grains whole grains. But whole-grain foods should be handled with care. Over time and if not properly stored, oils in whole grains can cause spoilage. Consider these tips to select whole-grain products and keep them fresh to eat.

Whole grains can be an easy choice when preparing meals. Choose wholegrain breads, breakfast cereals, and pastas. Look at the Nutrition Facts labels and ingredients lists to find choices lower in sodium, saturated fat, and added sugars.



Look for the word "whole" at the beginning of the ingredients list
Some whole-grain ingredients include whole oats, whole-wheat flour, whole-grain corn, whole-grain brown rice, and whole rye. Foods that say "multi-grain," "100% wheat," "high fiber," or are brown in color may not be a whole-grain product.

Choose whole grains at school Prepare meals and snacks with whole grains at home so your kids are more likely to choose whole-grain foods at school.



Find the fiber on label

If the product provides at least 3 grams of fiber per serving, it is a good source of fiber. If it contains 5 or more grams of fiber per serving, it is an excellent source of fiber.

Is gluten in whole grains?

People who can't eat wheat gluten can eat whole grains if they choose carefully. There are many whole-grain products, such as buckwheat, certified gluten-free oats or oatmeal, popcorn, brown rice, wild rice, and quinoa that fit gluten-free diet needs.

Check for freshness

Buy whole-grain products that are tightly packaged and well sealed. Grains should always look and smell fresh. Also, check the expiration date and storage guidelines on the package.

Keep a lid on it
When storing whole grains from bulk
bins, use containers with tight-fitting
lids and keep in a cool, dry location. A sealed
container is important for maintaining
freshness and reducing bug infestations.



Buy what you need
Purchase smaller quantities of whole-grain products
to reduce spoilage. Most grains in sealed packaging
can be kept in the freezer.

Wrap it up
Whole-grain bread is best stored at room temperature in its original packaging, tightly closed with a quicklock or twist tie. The refrigerator will cause bread to lose moisture quickly and become stale. Properly wrapped bread will store well in the freezer.

What's the shelf life?
Since the oil in various whole-grain flours differs, the shelf life varies too. Most whole-grain flours keep well in the refrigerator for 2 to 3 months and in the freezer for 6 to 8 months. Cooked brown rice can be refrigerated 3 to 5 days and can be frozen up to 6 months.

tips Nutrition

**Education Series** 

# healthy eating for an active lifestyle



# 10 tips for combining good nutrition and physical activity

For youth and adults engaging in physical activity and sports, healthy eating is essential for optimizing performance. Combining good nutrition with physical activity can lead to a healthier lifestyle.

maximize with nutrient-packed foods Give your body the nutrients it needs by eating a variety of nutrient-packed food, including whole grains, lean protein, fruits and vegetables, and low-fat or fat-free dairy. Eat less food high in solid fats, added sugars, and sodium (salt).

energize with grains Your body's quickest energy source comes from foods such as bread. pasta, oatmeal, cereals, and tortillas. Be sure to make at least half of your grain food choices whole-grain foods like whole-wheat bread or pasta and brown rice.

power up with protein Protein is essential for building and repairing muscle. Choose lean or low-fat cuts of beef or pork, and skinless chicken or turkey. Get your protein from seafood twice a week. Quality protein sources come from plantbased foods, too.

mix it up with plant protein foods Variety is great! Choose beans and peas (kidney, pinto, black, or white beans; split peas; chickpeas; hummus), soy products (tofu, tempeh, veggie burgers), and unsalted nuts and seeds.

vary your fruits and vegetables Get the nutrients your body needs by eating a variety of colors, in various ways. Try blue, red, or black berries; red and yellow peppers; and dark greens like spinach and kale. Choose fresh, frozen, low-sodium canned, dried, or 100 percent juice options.

don't forget dairy

Foods like fat-free and low-fat milk, cheese, yogurt, and fortified soy beverages (soymilk) help to build and maintain strong bones needed for everyday activities.

> balance your meals Use MyPlate as a reminder to include all food groups each day. Learn more at www.ChooseMyPlate.gov.

drink water Stay hydrated by drinking water instead of sugary drinks. Keep a reusable water bottle with you to always have water on hand.

know how much to eat Get personalized nutrition information based on your age, gender, height, weight, current physical activity level, and other factors. Use SuperTracker to determine your calorie needs, plan a diet that's right for you, and track progress toward your goals. Lean more at www.SuperTracker.usda.gov.

reach your goals Earn Presidential recognition for reaching your healthy eating and physical activity goals. Log on to www.presidentschallenge.org to sign up for the Presidential Active Lifestyle Award (PALA+).





# be choosy in the dining hall



# 10 tips for healthy eating in the dining hall

Dining halls are full of healthy food options. You just need to know which foods to put on your tray. Use these tips to plan your food choices and know which options are best for you.

know what you're eating Many dining halls post menus with nutrition information. Look at the menus ahead of time, so you can be ready to create healthy, balanced meals when you get there. Having a plan is the first step in making smarter eating decisions! Visit ChooseMyPlate.gov to find information and tools like SuperTracker to help you make meal selection a breeze.

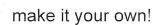
enjoy your food, but eat less Everybody loves the all-you-can-eat dining hall! To resist the urge of eating too much, take smaller portions and use a smaller plate. Remember you can always go back if you are still hungry.

make half your grains whole grains! Whether you're at the sandwich station or pouring yourself a bowl of cereal in the morning, make the switch to whole grains like 100% wholegrain bread and oatmeal.



re-think your drink Americans drink about 400 calories every day. Consider how often you drink sugary beverages such as sodas, cappuccinos, energy drinks, fruit beverages, sweetened teas, and sports drinks. Drinking water instead of sugary beverages can help you manage your calories.

make half your plate fruits and veggies Fruits and veggies can make your meals more nutritious, colorful, and flavorful. Add to pastas, eggs, pizza, sandwiches, and soups. Try spinach in a wrap or add pineapple to your pizza.



Don't feel like you have to choose pre-made plates. Design your own meal! Fresh veggies from the salad bar can be thrown into your omelet for brunch, or grab some tofu on your way to the pasta station for lean protein.

slow down on the sauces Sauces, gravies, and dressings tend to be high in fat and sodium. Watch out for foods prepared with a lot of oil, butter, or topped with heavy condiments, such as mayonnaise. You don't have to do away with sauces and condiments all together; just ask for less or put them on the side. Reducing extras will help you manage your weight.

be on your guard at the salad bar Most veggies get the green light but limit foods high in fat and sodium such as olives, bacon bits, fried noodles, croutons, and pasta or potato salads that are made with mayo and oil. Stick to fat-free or low-fat dressings on the side.



don't linger Dining halls should be just that, where you eat. Although it's great to chat with friends while you eat, avoid staying for long periods of time to reduce your temptation to keep eating.



# FUELING FOR RECOVERY

am a collegiate soccer player.
Often, after a hard practice,
my legs feel heavy and sore,
and I am tired and sluggish.
My performance at practice,
especially the next day, and during
strength training, seems to suffer
because I can't give 100 percent.

I drink plenty of water and try to sip on sports drinks during practice, but what more can I do to have more energy and improve my performance?



### **GOALS OF RECOVERY NUTRITION**

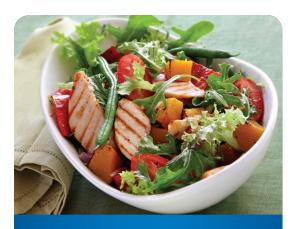
- Restore fluids and electrolytes lost through sweat during activity.
- Replace muscle fuel (carbohydrates) burned during exercise.
- Provide protein to promote muscle repair and growth.

(For what to eat to fuel your recovery, turn the page.)





Sports, Cardiovascular, and Wellness Nutrition delete practice group of the ear Academy of Nutrition right. and Dietetics



### **EATING FOR OPTIMAL RECOVERY**

Recovery nutrition should include carbohydrates (to replace glycogen), protein (to repair muscle and tissue damage caused by the stress of exercise) and fluids (for hydration). Look for something containing about half of your body weight in grams of carbohydrates (e.g., if you weigh 150 pounds, aim for 75 grams of carbohydrates) along with 15-25 grams of protein. If you have a low appetite after exercising, a liquid food option may be the best place to start.

Examples of good recovery snacks:

- · Low-fat chocolate milk
- Fruit and yogurt smoothie
- Graham crackers with peanut butter and low-fat milk
- · Greek yogurt with fruit
- Apple or banana with nut butter and low-fat milk
- Trail mix, including nuts and dried fruits, and a sports drink

Following up your recovery snack with well-balanced meals throughout the day is ideal. Examples include:

- Two to three scrambled eggs, two pieces of whole-wheat toast with jelly, and a side of mixed berries
- Grilled chicken with a small baked potato and green beans
- Whole-wheat spaghetti with marinara or tomato-based meat sauce made from lean ground beef, and a side salad
- Baked fish with brown rice and mixed vegetables
- Turkey sandwich on whole-wheat bread with a glass of low-fat milk and an apple
- Grilled chicken on salad greens with low-fat dressing and a whole-wheat dinner roll

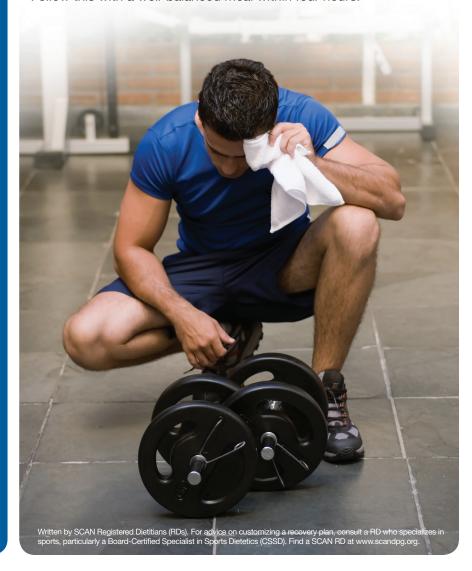
### THE PROCESS

When you exercise, the primary source of energy your body uses is carbohydrates. After burning through what is readily available in your bloodstream, your body moves on to your carbohydrate stores — the glycogen that is stored in your muscles and liver.

You have a limited amount of glycogen stored in your body, most likely enough to get you through a typical practice. What happens, though, when you have to be in the weight room that same afternoon and you haven't replaced those stores — heavy/sore muscles, fatigue, injuries, feeling like you are "running out of gas"?

**Give it time.** Recovery is an all-day process! It takes anywhere from 24 to 48 hours to fully replace your glycogen stores. Within 30 to 60 minutes after exercise, your body is able to synthesize glycogen from the carbohydrates you eat at a much faster rate. Your heart rate and blood pressure also are elevated, so nutrients are delivered to your muscles and cells quicker.

Fuel your muscles. Your body also uses the carbohydrates and proteinyou eat during this window of opportunity to help prevent further muscle breakdown; and your body's hormonal response to carbohydrates "flips a switch" from muscle breakdown to muscle building. Take advantage of quick-digesting, simple carbohydrates and liquids (e.g., chocolate milk or smoothies) immediately after practice. Follow this with a well-balanced meal within four hours.







# **SMART Goals**

# What is SMART goal setting?

Goal setting can be a difficult task for some people. SMART goal setting is the easiest resource to create obtainable goals and to test the merit of existing ones. This worksheet is designed to help you create SMARTer goals. Begin by writing down a goal you would like to achieve then work through each letter of the word SMART. Each area will add more to your goal until you have a complete SMART goal.

## 5 Key steps:

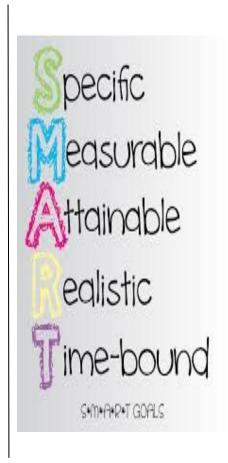
Specific—The best smart goals will answer the questions such as who, what, when, & where.

Measurable – pertains to goals that are quantifiable

Attainable—goals should be written within your control and influence. Is the goal achievable with the given resources?

Realistic—Important to include goals that are consistent with the mission. Evaluate your situation and recognize which ones are realistic and far fetched.

Time-Bound—Goals with timeframes will provide a specific timeframe in which you want to accomplish your goals. A goal cannot be a goal with a timeframe attached to it.



# **SMART Goals**

## Take a minute to write down your own SMART goals

"Create goals that set you on fire." - Unknown

Goal 2 Goal 1 **Specific** What is the desired result? (who, what, when, why, how) Measurable How can you quantify (numerically or descriptively) completion? How can you measure progress? **Achievable** What skills are needed? What resources are necessary? How does the environment impact goal achievement? Does the goal require the right amount of effort? Realistic Is the goal in alignment with the overall mission or strategy? Time-bound What is the deadline? Is the deadline realistic?

### Outcomes vs. Behaviors

Developing a goal is a complex task. If you have big goals, the best way to approach them is to take small, consistent daily actions. These are your **behaviors**. You are in complete control of your behaviors but the world is pretty uncontrollable, life happens!

### For example:

**If you want to go out for 18 holes**, you can go to your local sports goods store and buy the latest and most advanced golf equipment, **but you can't control the weather.** 

If you want to sell your house for a good price, you can renovate and paint but unfortunately you can't control the real estate market.

In regards to wellness:

You can't *make* your body lose 20 lbs of fat, gain 20 lbs of muscle, improve your VO2max, and/or improve your cholesterol numbers on command or within a specific time frame. **But you** *can* **control the** *behaviors* that *lead* to the *outcome* you want.

Outcomes are WHAT you want and Behaviors are HOW you'll get there, behavior goals give you an action plan.

Outcome Goals	Behavior Goals
Run a 5K race in 20 minutes	Run for 20 minutes three times per week for the next month, gradually increasing the duration and speed
Eat better	Gradually begin to incorporate eating habits from this class and UYM into your daily routine, one by
	one.

I have given you all a sheet of paper with 4 circles on it. \*Refer to paper\*

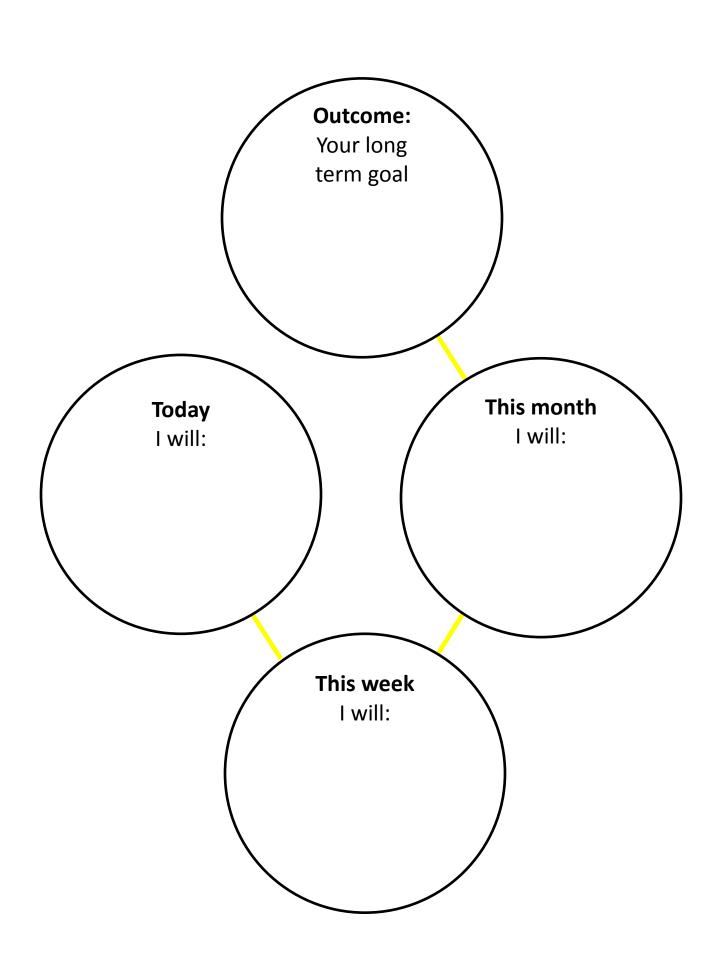
**In the circle that says "Outcome":** Identify what your outcome or long term goal is and write it in this circle. (Refer to long term goals you discussed with your Health Educator in BOD POD or Metabolic appt)

In the circle that says "This Month": Write what you will do this month to get to your outcome goal.

In the circle that says "This Week": Write what you will do this week to get to your outcome goal.

In the circle that says "Today": Write what you will do today to get to your outcome goal.

\*\*Behavior goals are things you do consistently and regularly. Small, manageable tasks that are within your control and often things you can do right now, today, or in the near future. When done consistently, you will move in the right direction. Incorporate SMART goals to determine behavior goals. Be realistic, start small and succeed, and focus on doing one small achievable behavior at a time.\*\*





# **Recommended Resources**

# **Healthy Nutrition Websites:**

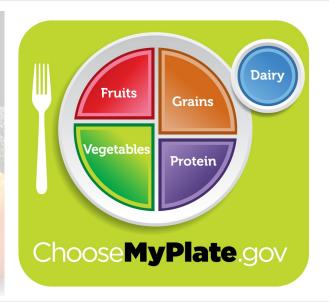
www.myfitnesspal.com

www.sparkpeople.com

www.eatright.org

www.choosemyplate.gov

www.calorieking.com



## **Organizations:**





# **Physical Fitness Websites:**

www.livestrong.com

www.exrx.net

www.exerciseismedicine.org

http://www.acsm.org/access-publicinformation/brochures-fact-sheets/ brochures



















