## Making the Move to Healthy hoices



# A HEALTHY EATING TOOLKIT <br> for Recreation, Sport and Community <br> FOOD SERVICE PROVIDERS 

eat great \& participate


## Acknowledgements

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## Reviewers

Regional Nutritionists (Registered Dietitians) from the four Regional Health Authorities; food service providers from the following recreation, sport and community facilities: Jack Byrne Arena, Gros Morne Arena, Mount Pearl Glacier, Fortune Arena, The Bay Arena, Joe Byrne Memorial Stadium, Wabush Arena, and Hodder Memorial Stadium.

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## SECTION

## Introduction

A 2015 survey by Eat Great and Participate indicated that the top four food choices in recreation facilities across the province were chocolate bars, chips, hot dogs and fried French Fries (See Table 1). There is also research to show that children who participate in sports eat more junk food and drink more sugary drinks than children who do not participate in sports (Nelson et al., 2011), likely because of the large amount of unhealthy options available in recreation and sport settings.

Table 1: Most Commonly Available Food Choices Served in Newfoundland and Labrador Recreation Facility Canteens, 2015.


## The Food Environment Influences What we Eat

The food environment influences our food and beverage choices. In other words, the food and beverages available to us in recreation, sport and community facilities and events have a big impact on what and how we eat. Supporting healthy eating is a shared responsibility. Providing food and beverages that follow Canada's Food Guide can make an important contribution to the health and wellbeing of community residents of all ages. As such, to create supportive environments for healthy eating, the food and beverages offered in publically-funded institutions should align with Canada's Food Guide. This includes not only providing healthy options, but also limiting the availability of highly processed options that undermine health including deep-fried foods, sugary drinks and confectioneries.

Recreation, sport and community settings provide a place for people of all ages to come together to enjoy being physically active. It makes sense to also promote healthy eating since healthy food and beverages provide the nutrients needed to feel good and fuel an active lifestyle, whether for recreation activities or competitive sports. The goal of the Making the Move to Healthy Choices Toolkit is to make it easier for recreation, sport and community food service providers to provide more healthy food and beverage choices in facilities and at tournaments and events. It includes healthy meal and snack ideas, strategies for marketing healthy choices, food safety considerations and recipes.

Some of the areas these guidelines can be implemented include:

- Arenas
- Youth Centres
- Outdoor Sports Fields
- Recreation Centres
- Community Centres
- Outdoor and Indoor Pools
- Bowling Alleys
- Community Special Events
- Curling Rinks
- Festivals
- Regional and Provincial Games
- Banquets


## SECTION

## Taking Steps to Offering Healthy Choices

Changing the types of food and beverages offered in a facility's concession, canteen, snack bar, at events and in vending machines can be more successful with a planned approach. Be flexible and remember: sometimes, timing is everything. Everyone has a role to play!

## STEP 1: CONSIDER A HEALTHY EATING POLICY

A healthy eating policy is a great first step in helping create a healthy food environment which promotes and supports health. Adopting a policy defines what we mean by healthy eating - which are food and beverages found in Canada's Food Guide - and shows your support for the health and wellbeing of community members. A policy also continues to exist after staff/volunteer turnover, so you know healthy eating will continue to be promoted even after personnel changes.

## STEP 2: ESTABLISH A COMMITTEE

A committee can develop an action plan to leverage a healthy eating policy to create a healthier food environment in your community. Involve key people that can help make it easier to introduce more healthy food and beverage choices. Consider:

- Municipal leaders, facility managers, recreation practititioners, and recreation committees to obtain buy-in and support.
- Food service staff and volunteers to discuss possible changes and opinions.
- Regional Nutritionist (Dietitian) to assist with menu planning.
- Coaches and parent committees to rally enthusiasm and excitement around proposed healthy changes.
- Athletes and facility users, including youth, for additional input.


## STEP 3: PERFORM AN ASSESSMENT

Before you start making decisions about what changes you want to make, it's important to take a look at your current situation. Conducting a food and beverage assessment will help determine the current state of the food environment in your community, and help you identify and prioritize actions. Areas that could be included in the assessment are canteens/concessions; vending machines; programs; events and fundraising; staff meetings; and marketing and promotion. For example, consider:

- What types of foods are being offered now? Are vegetables and fruits, whole grain foods and protein foods provided? Is there limited availability of sugary drinks and deep-fried food?
- What type of kitchen equipment is available?
- What space is available for food preparation?
- Are your food service providers contracted or volunteers?
- Are healthy choices competivitely priced?
- Do vending machines provide at least $50 \%$ healthy choices?

See a sample assessment form you can print on page 9.

## STEP 4: BUILD PARTNERSHIPS

Partnering with community businesses and organizations can help support your work. Consider:

- Approaching local businesses (e.g., grocery/convenience stores) for food and/or kitchen equipment donations in exchange for advertising.
- Partner with local farmers to sell vegetable hampers/other local products as a fundraiser, or to provide their products at your facility, programs and events.


## Food Environment Assessment

This form will help you determine the current state of the food environment in your community with respect to how healthy eating is supported and promoted, and will assist you in identifying possible areas for improvement. The form can be completed by individuals or committees working to make healthy food and beverage choices more readily available in their community.

On a scale of 1 to 5 , rate the following qualities of a healthy food environment for each of the settings below including: canteens/concessions, vending, programs, events, staff meetings and work space, fundraising, and promotions/marketing. When determining a score for each setting, base your score on the number of qualities each setting has. For example:

- If all qualities are present in a setting; score = 5
- If more than half of the qualities are present, but not all; score = 4
- If half of the qualities are present in a setting; score $=3$
- If less than half of qualities are present in a setting; score $=2$
- If no qualities are present in a setting; score = 1

| Setting | Does Not Supports <br> Support Healthy <br> Healthy Eating <br> Eating  <br> 1  | Qualities of a Healthy Food Environment | Comments |
| :---: | :---: | :---: | :---: |
| Canteens/ Concessions | $\begin{array}{lllll}1 & 2 & 3 & 4 & 5\end{array}$ | - Vegetables and fruit (fresh, frozen or canned) are offered on a regular basis <br> - Whole grain breads, bagels, wraps, etc., are offered <br> - Water stations available <br> - Kitchen equipment to prepare (e.g., grills, ovens, blenders, etc.,) and store (e.g., fridges, freezers, etc.,) healthy menu choices is available <br> - No deep-fat fryers, hot dog and/or pizza warmers, nacho cheese machines or Slushy machines on site <br> - Limited availability of sugary drinks (soft drinks, $100 \%$ juice, chocolate milk, sports drinks, etc.,), and confectioneries (candy, chocolate bars, etc.,) <br> - Limited availability of deep-fried foods <br> - Baked goods and desserts are provided in smaller portions <br> - Healthy choices are competitively priced <br> - Healthy choices are regularly promoted (e.g., on menu board, at cash, posters, etc.) |  |


| Setting | Does Not <br> Support <br> Healthy <br> Eating | Supports <br> Healthy <br> Eating | Qualities of a | Comments |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Vending <br> (both <br> food and <br> beverage <br> machines) | 1 | 2 | 3 | 4 | 5 | - |

## What are we doing well?

What can we improve on?

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https://www.albertahealthservices.ca/assets/info/nutrition/if-nfs-hee-assessment-of-organization.pdf. To view a copy of this license, visit http://creativecommons.org/licenses/by-nc-nd/4.0/

## section

## Healthy Food and Beverage Guidelines

## PLANNING YOUR MENU

The following guidelines can help you determine the choices to offer in your concessions, canteens, snack bars and at events. Some items may also be suitable for vending machines. The guidelines are based on Canada's Food Guide, and divide meal and snack options into two categories: 1) Food and Beverages That Are the Foundation for Healthy Eating, and 2) Food and Beverages that Undermine Healthy Eating.

The type of food and beverage choices you offer will depend on the equipment and space available to prepare, and to keep foods at the proper temperature. Deep-frying is not a recommended method of cooking. Most deep-fried foods can be either baked or grilled.

## Vending machines

Contact your vending service provider to ask what healthy choices they have available and request to have them offered in your facility.

Nuritious foods are the foundation for healthy eating. These include:

Vegetables and fruit - offer fresh, frozen and canned options. They are all healthy choices. Check your flyer for promotions of fresh, frozen or canned vegetables and fruit before planning your menu. Serve what's on sale and in season to get the best price on healthy foods.

Whole grain foods - offer whole grain choices when possible including breads, wraps, pasta, etc.

Protein foods - offer plant-based proteins more often such as legumes (beans, peas, lentils), nuts and seeds. Other protein foods include lean red meat (including wild game), poultry, fish, eggs, white milk, yogurt, and cheese.

In addition to these healthy foods, water should be promoted as the beverage of choice. Other healthy beverage choices include white milk, and unsweetened fortified plant-based beverages such as soy or almond milk. Refer to page 17 for more info on healthy beverage choices.

To make it easier to visualize what a healthy meal looks like, refer to the Eat Well Plate. The Eat Well Plate illustrates a balanced meal that has half the plate filled with vegetables and/or fruit, one quarter with whole grain foods, and one quarter with protein foods.

Visit Canada’s Food Guide: Canada.ca/FoodGuide


## MEALS

THAT SUPPORT HEALTHY EATING

Here are some examples of healthy meals and sides that make great menu choices for recreation, sport and community facilities and events:

| CHILI |  |
| :--- | :--- |
| (See recipe on page 28) | - Make with a variety of canned beans and vegetables. <br> - Can also add lean ground beef, chicken or turkey. <br> - Serve with a whole grain bun. |
| FULL MEAL SALAD | - Make a salad a full meal by adding a variety of vegetables, fruits, and protein <br> foods such as beans, nuts, seeds, lean meat, tuna, chicken, turkey, egg and/or <br> cheese. <br> - Serve with dressing on the side and whole grain bread. |
| SKINLESS CHICKEN <br> BURGER | - Cook chicken on a grill, in the oven or on the barbeque. Serve on a whole grain <br> bun and provide vegetable toppings such as lettuce and tomato. <br> - Optional: cook chicken ahead of time, freeze and wrap individually. Thaw and <br> grill to safe temperatures (see Section 6 Food Safety). <br> - For events and tournaments - consider placing cooked chicken in a slow cooker <br> to keep hot at safe temperatures. |
| SOUP/STEW |  |
| (See recipes on page 28 \& | - Make with plenty of vegetables, a variety of beans, peas and lentils, lean meat <br> or poultry, barley, brown rice, wild rice or whole grain pasta. |
| - Choose a lower sodium soup base. |  |
| - Serve with whole grain bread or crackers. |  |
| - Use herbs and spices to increase flavor rather than salt. |  |$|$| - Make with whole grain bread, wrap or bagel. |
| :--- |
| - Add flavor, color and crunch with a variety of vegetables such as tomatoes, red |
| onion, cucumbers, lettuce, peppers and carrots. |
| - Offer with soft margarine, mustard, mayonnaise or hummus. |
| - Examples: |
| Salmon, Tuna or Egg: mix canned salmon, tuna or egg, with mayonnaise, onions, |
| celery, shredded carrot and lettuce and serve on whole grain English muffin or |
| bread. |


| QUESADILLA <br> (See recipe on page 31) | Put a whole grain tortilla on the grill. Top with a variety of ingredients such as <br> salsa, peppers, onions, shredded grilled chicken breast and cheese. Top with a <br> second tortilla and grill on both sides until cheese is melted. |
| :--- | :--- |
| WHOLE GRAIN <br> MACARONI <br> AND CHEESE <br> (See recipe on page 30) | - Make with whole grain macaroni and cheddar cheese. <br> - Add small pieces of broccoli, canned stewed tomatoes, or frozen green peas. <br> - Serve with a garden salad. |
| PIZZA | - Use whole grain crust or pita. <br> - Add a variety of vegetable toppings including mushrooms, onions, peppers, <br> tomatoes. <br> - Use lean chicken or ham. <br> - Sprinkle with mozzarella cheese. |
| BREAKFAST SANDWICH | Toast a whole grain English muffin, lightly spread with soft margarine, add a <br> scrambled egg cooked in the microwave, and slice of hard cheese. |
| COLESLAW <br> (See recipe on page 32) | Buy the bagged varieties and add your own carrot and additional cabbage <br> for more nutrition. Use a small amount of coleslaw dressing. Makes a great <br> inexpensive vegetable-based side dish. |
| MIXED BEAN SALAD <br> (See recipe on page 32) | Drain and rinse a can of assorted beans, a can of green beans and a can of yellow <br> beans. Mix with celery, red onion and a dressing made of vinegar, oil and pinch of <br> sugar. |
| VEGETABLE SALAD | Chop a variety of seasonal, fresh vegetables and marinate with a dressing made of <br> vinegar, oil and pinch of sugar. |
| BAKED POTATO | Add your own toppings such as salsa, chili, sautéed mushrooms, baked beans, <br> onions and shredded cheese. |
| CORN ON THE COB | Boil this great summer vegetable for an event or tournament. Serve with soft <br> margarine. |
| POTATO SALAD | Skip the traditional and make a light version using boiled potatoes (with skins on), <br> shredded carrot, green or red onion, and a small amount of Italian dressing. |
| QUICK PASTA SALAD | Toss whole grain pasta with assorted vegetables and small amount of Italian or <br> Ranch dressing. Sprinkle with herbs to add more flavour. |

## SNACKS <br> THAT SUPPORT HEALTHY EATING

New snack foods are always entering the food market. Choosing the healthiest option is not easy. Some snack foods may appear to be healthy, such as those containing "fruit" in the title, but, in fact, could be mostly sugar.

Try these healthy snack ideas:

| VEGETABLES \& FRUIT <br> (FRESH, FROZEN, <br> CANNED) | • Fresh: wash before serving. <br> - Canned: fruit packed in juice or light syrup <br> - Dried: with no sugar added (check the ingredient list) |
| :--- | :--- |
| APPLE SAUCE OR <br> OTHER FRUIT SAUCE | - Made with $100 \%$ fruit. <br> - Unsweetened or no sugar added. <br> - Try frozen for a cool snack. |
| FRUIT SMOOTHIE | - Make with ingredients such as frozen berries, bananas, white milk and <br> yogurt. |
| BAGEL | - Offer whole grain varieties. <br> - Offer with nut butters, cheese or soft margarine. |
| YOGURT TUBE | - Milk should be the first ingredient. <br> - Try frozen for a cool snack. |
| YOGURT PARFAIT | - Layer yogurt with frozen or fresh fruit, and whole grain or high fibre cereal <br> or granola. |
| CHEESE STRINGS | - Make your own with nuts, seeds, plain whole grain cereals, dried fruits <br> with no added sugar. |
| TRAIL MIX | - Use seasonal or frozen fruit. Serve in clear plastic dishes, fill the bottom <br> with yogurt and top with fruit pieces. |
| FRESH OR FROZEN <br> FRUIT WITH DIP | - Fill the bottom of a clear cup with a small amount of dip and place a <br> variety of vegetables inside such as carrots, cucumbers, celery, peppers or <br> broccoli. |
| VEGETABLES AND DIP <br> (See dip recipe on page <br> 33) | Choose whole grain options. Choose plain bars, not those dipped or <br> covered in chocolate or yogurt. |
| GRANOLA BAR |  |


| POPCORN | - Plain or light varieties. <br> - Offer in small "snack bag" sizes. |
| :--- | :--- |
| MUFFINS | - Offer whole grain varieties. <br> - If homemade, use vegetable oil or soft margarine to replace shortening, <br> lard or butter. Increase fiber by using whole wheat flour, oats, and/or <br> seeds. <br> - If offer pre-made muffins, choose ones in smaller portion sizes. |
| • Choose unsalted varieties offered in small bags. |  |
| PRETZELS |  |

## BEVERAGES

## THAT SUPPORT HEALTHY EATING

According to Canada's Food Guide, water should be promoted as the beverage of choice and, therefore, should be offered at all times. Other healthy beverage options include white milk and unsweetened fortified plantbased beverages such as soy or almond milk. These beverages support health since they provide less sugar than other beverages such as $100 \%$ juice, chocolate milk, sports drinks or energy drinks. See next page for more information on healthy beverages.


# Beverages That Support Health \& Physical Activity 



Water is the best choice to quench your thirst and to help you participate fully in recreation or sport activities. Other healthy beverage choices include white milk and unsweetened fortified plant-based beverages such as soy or almond milk.

## Sugary Drinks are Not Recommended

Sugary drinks can interfere with hydration, making them a poor choice before, during and after an activity. They contain high amounts of sugar which can lead to tooth decay, especially when sipped over long periods.

## Sugary drinks include:

- Pop
- Fruit juice (including 100\%)
- Sports drinks
- Energy drinks
- Flavoured waters with added sugars
- Fruit-flavoured drinks like fruit punch
- Hot chocolate
- Chocolate milk
- Specialty coffee and teas (e.g., iced teas, cappuccinos)
- Sweetened plant-based beverages (e.g., flavoured soy, almond, rice milk)

The chart below shows the sugar content in a 250 millilitres (mL) (1 cup) serving of some sugary drinks. Most of these beverages are purchased and consumed in larger portions, such as in 355 mL cans or 591 mL bottles, so the amount of sugar the drink contains could be much more than what's shown in the table.

| Sugar Content of Common Beverages <br> (per 250 mL serving) |  |
| :--- | :--- |
| $100 \%$ Orange Juice | $26 \mathrm{~g}[6.5$ teaspoons (tsp)] |
| Fruit Drinks and <br> Fruit Punches | $33 \mathrm{~g}[8.25 \mathrm{tsp}]$ |
| Pop | $28 \mathrm{~g}[7 \mathrm{tsp}]$ |
| Iced Tea | $23 \mathrm{~g}[5.75 \mathrm{tsp}]$ |
| Sports Drink, <br> Fruit Flavoured | $16 \mathrm{~g}[4 \mathrm{tsp}]$ |

Source: Health Canada, 2010. Nutrient Values in Some Common Foods

## Sports Drinks

Generally, plain water will quench your thirst and help you participate fully if you are active for less than an hour, or when you are participating in an activity at a moderate intensity such as walking quickly, skating, bike riding and skateboarding.

Sports drinks are designed to replace glucose (sugar) in the muscles and replace the fluid and the electrolytes (sodium and potassium) lost in sweat. Sports drinks may be helpful in the following situations:

- prolonged (i.e., continuous for at least 60 minutes) and vigorous competitive sport or physical activity,
e.g., running, soccer, basketball, cross-country skiing, hiking, swimming, etc.
- activity in extreme heat, or
- if you've missed a pre-activity meal or snack (note: a pre-activity meal or snack that includes a mix of carbohydrate and protein is always recommended over consuming a sports drink. For example, banana and hard cheese portion)
While sports drinks are marketed to optimize sport performance, data showing positive effects in children are limited. Stick with water as the best beverage choice for hydration.


## Energy Drinks

Energy drinks can be harmful because of their high levels of caffeine and other ingredients. Energy drinks should not be sold or provided at activities with children and/or youth participants. What you should know about energy drinks:

- the caffeine, high sugar content, and carbonation of energy drinks can interfere with hydration, making them a poor choice for staying hydrated during activity.
- energy drinks can have up to 180 milligrams ( mg ) of caffeine in a single serving container. One drink could have more caffeine than the maximum daily limit for youth.

Maximum Daily Limits for Caffeine

| Adults | 400 mg |
| :--- | :--- |
| Women of childbearing age | 300 mg |
| $10-12$ years | 85 mg |
| $7-9$ years | 62.5 mg |
| $4-6$ years | 45 mg |

Source: Unlockfood.ca, 2019. Facts on Caffeine

## Questions?

Contact Eat Great and Participate's Registered Dietitian at mpark@recreationnl.com, or (709) 729-4490.
For more healthy eating resources, check out:
Eat Great and Participate: recreationnl.com/eat-greatparticipate Canada's Food Guide: Canada.ca/FoodGuide
Half Your Plate: halfyourplate.ca

## FOOD AND BEVERAGES

## THAT UNDERMINE HEALTHY EATING

Processed or prepared foods and beverages are often high in sodium, sugars and saturated fat. Regular consumption and promotion of these foods can nevegatively impact the health of individuals and communities.

Examples of processed foods include:

- deep-fried foods
- processed meats (weiners, bologna, sausages, etc.,)
- potato chips
- confectioneries (candy, chocolate bars, fruit leathers, chocolate coated treats, etc., )
- sugary drinks (sports drinks, slushies, $100 \%$ juice, chocolate milk, energy drinks, flavored waters with added sugar, iced tea, hot chocolate)

To create supportive environments that promote health and healthy eating, it is recommended that recreation, sport and community facilities, programs and events provide a variety of healthy food and beverage options, while also limiting the availability and promotion of highly processed food and beverages.

## Goody Bag Ideas

Ditch the candy, chips, pop and other high sugar, fat and sodium items from the goody bag. Here are some ideas for items to give out in a tournament or event:

- fun pens, pencils and erasers
- coupon for white milk or fruit smoothie
- fruit such as apples, bananas and oranges
- paper pads
- Play doh ${ }^{\text {TM }}$
- stickers


## MAKING A

## HEALTHIER MENU

When it comes to offering healthier choices, small changes can make a big difference! Try these tips to improve the nutrition of traditional menu items as you move toward making healthier choices more available in your community:

| PACKAGED BREADED <br> CHICKEN BURGER | - Use food labels to compare brands and choose the brand that is lowest in <br> sodium and saturated fat (see \% Daily Value tip on next page for info on choosing <br> healthier brands). |
| :--- | :--- |
| PACKAGED CHICKEN <br> FINGERS | - Use food labels to compare brands and choose the brand that is lowest in <br> sodium and saturated fat (see \% Daily Value tip on next page for info on choosing <br> healthier brands). |
| FRENCH FRIES | - Bake instead of deep-frying. <br> - Offer only in small portions. <br> - Avoid mayonnaise, gravy and cheese as toppings, or offer only in small portions <br> on the side. |
| HOT DOG/ <br> SAUSAGE | - Best choice will usually be hot dogs and sausages with 100\% meat or poultry and <br> the shortest ingredients list. |
| - Try to avoid MSG (monosodium glutamate), nitrates, byproducts, soy or cereal |  |
| fillers and animal parts. |  |

COMPARING
FOOD LABELS

New foods and beverages are always entering the food market. Choosing the healthiest option is not easy. Some foods may be marketed to appear to be healthy, like ones containing 'fruit' in the title, but in fact, are made up of mostly sugar. Be aware that food marketing can influence food choices. Decide whether a food product is a good choice by reading food labels, rather than relying on food marketing messages alone.

One part of the food label is the Nutrition Facts Table. Here you will find the \% Daily Value (\% DV) which makes it easier to compare similar products so you can make healthier choices.

Use the \%Daily Value (DV) to see if the serving size has a little (5\% DV) or a lot (15\% DV) of a nutrient.
Choose foods with 5\% DV or less for saturated fat, sugars, and sodium.
Choose foods with $15 \%$ DV or higher for fibre, potassium, calcium and iron.


Example of a GOLD MEDAL MEAL Package

Yogurt Parfait Chicken and Veggie Wrap Fruit Cup White Milk

Hint: Have the team pre-order the meal before the tournament to save time in preparations.

## SECTION

## Marketing Healthy Choices

To encourage people to choose the healthy food and beverage choices consider the 4 P's of marketing:

1. Product availability
2. Pricing
3. Placement
4. Promotion

## Product Availability

To market the healthy food and beverage choices they first must be available. Take a look at what healthy choices you are already providing and where you might consider making changes.

## Pricing

Pricing may be one of the most important factors in helping people make healthy choices. If healthy foods cost more than less healthy foods, it may discourage people from choosing the healthy options.

Here are some suggestions on how to encourage customers to buy healthy options:

- Price healthy choices at the same, or at a lower cost, than less healthy choices
- Offer healthy choices as part of a special or "meal deal"
- Raise the prices of less healthy choices; this will discourage people from purchasing them, and also help make up for pricing your new healthy choices a bit lower
- If an item is popular, price may not matter. Ask youth what healthy choices they would like to see offered. Your sales of these foods may soar!


## Placement

Remember the saying "out of sight...out of mind?" Healthier food choices should be more plentiful and more visible than the less healthy choices. Try these tips:

- Put healthy foods up front and centre where people can see them right away.
- Place healthy foods at eye level and in easy to access displays. Mark prices clearly.
- Make healthy foods more appealing. Use baskets, attractive arrangements, colourful food choices and garnishes to make these foods stand out.
- Have a lot of healthy choices available in all food service venues at all times.
- Position vending machines with healthy choices in high traffic locations.


## Promotion

There are many fun ways to promote healthy choices. Examples are:

- Provide meal specials that include a satisfying tasty meal.
- Use frequent buyer cards.
- Have discount days such as "Thirsty Thursday" with a price reduction on water and milk, or lower the price of fruit on "Fruit Fridays."
- Market healthy choices as the popular choice. Have a "hot sellers" section with healthier foods and beverages.
- Promote the performance benefits of good nutrition (e.g., sports performance).
- Change the front of vending machines to promote the healthier choices.
- Promote healthy menu choices in newsletters, posters and public announcements.
- Offer free samples of a new healthy menu item - they'll be more likely to buy it later.

Remember to involve youth in the planning and promotion process - ask them how to get youth support and buy-in!

## SECTION

## Food Safety

Food safety is an important issue for the food service industry. Consider arranging for a local Environmental Health Officer to provide food safety education for employees, volunteers and/or summer students serving or preparing food. For more information, visit: Servicenl.gov.nl.ca

You may also want to encourage employees, volunteers and/or summer students serving or preparing foods to take a Food Safety Course. For a listing of Recognized Courses in Food Safety visit:

## Skillspassnl.com

## Food Safety Tips

It is important to practice safe food handling when preparing and serving foods. Properly preparing, storing or serving foods can prevent illnesses caused by bacteria like Salmonella, Campylobacter, or E.coli. Cafeterias and canteens should be licensed and compliant with the Food Premises Regulations.

Consider the following when offering meals and snacks at school:

- Kitchen facilities should be used for food preparation only.
- Individuals who are ill should not be allowed in the kitchen.
- At least one employee and/or volunteer, who has taken a food safety course, should be on site when meals are prepared and served.
- Food handlers and servers should be kept at the lowest manageable number and other people should be asked not to enter the kitchen area.
- Sufficient refrigeration space is needed to keep perishable foods (e.g., milk, eggs, meats, fish, poultry) at $4^{\circ} \mathrm{C}\left(40^{\circ} \mathrm{F}\right)$ or lower. A thermometer should be kept in the fridge to monitor temperature.
- Sufficient equipment is needed to keep hot foods at $60^{\circ} \mathrm{C}\left(140^{\circ} \mathrm{F}\right)$ or higher.
- Thermometers should be available to check cooling and cooking temperatures.
- A separate sink with supplies (liquid soap and paper towels) should be on-site for hand washing only. Hands must be washed frequently.
- The kitchen should have a three-compartment sink for washing and disinfecting utensils and dishes.

Work with your Regional Environmental Health Officer to determine any specific requirements for your school's food service area.

The following food safety tips will help avoid food-borne illnesses:


CLEAN
Hands, surfaces and utensils frequently
COOK
All meats, poultry, fish and eggs to the proper internal temperature. Use a thermometer to check the temperature.

CHILL
All perishables and leftovers promptly to reduce the growth of bacteria. Thaw frozen foods in a refrigerator or a microwave oven, not at room temperature.

## SEPARATE

Raw meats from raw vegetables and fruits and raw food from prepared food. Use different cutting boards to avoid cross-contamination. Store raw meats on lower refrigerator shelves, below ready-to-eat foods, to prevent dripping.

## SECTION

## Quick and Healthy Recipes




## *an CHIL


wesane amere SOUP

## Ingredients (8 Servings)

$1 \mathrm{lb}(0.45 \mathrm{~kg})$
lean or extra lean ground beef
1 cup sliced white or red onion
1 cup diced green bell peppers
1 cup
1 can ( $28 \mathrm{oz} / 796 \mathrm{ml}$ )
sliced mushrooms
diced tomatoes (reduced sodium)
tomato sauce (reduced sodium)
2 cans ( $19 \mathrm{oz} / 540 \mathrm{ml}$ ) kidney beans, rinsed and drained 3 tbsp
chili powder
Ingredients (24 Servings)
3 lbs ( 1.36 kg )
3 cups

- 3 cups

3 cups
3 cans ( $28 \mathrm{oz} / 796 \mathrm{ml}$ ) diced tomatoes (reduced sodium)
3 cans ( $14 \mathrm{oz} / 398 \mathrm{ml}$ ) tomato sauce (reduced sodium)
6 cans ( $19 \mathrm{oz} / 540 \mathrm{ml}$ ) kidney beans, rinsed and drained 9 tbsp
chili powder

## Directions

- In a saucepan, over medium heat, cook ground beef. Drain off fat.
- Add onions, green bell peppers and mushrooms and cook until softened, about 5 minutes.
- Add tomatoes, tomato sauce, kidney beans and chili powder.
- Reduce heat and simmer, covered and stirring occasionally for 20-30 minutes.

Adapted from Great Food Fast, Dietitians of Canada.

Ingredients (12 Servings)
$11 / 2$ cans ( $19 \mathrm{oz} / 540 \mathrm{ml}$ )
2 litres (L) and 1 cup ( 2250 ml )
3/4 cup
3/4 cup
3/4 cup
3/4 cup
3/4 cup
3/4 cup
Dash
Ingredients ( 36 Servings)
$41 / 2$ cans ( $19 \mathrm{oz} / 540 \mathrm{ml}$ )
6 L and 3 cups ( 2750 ml )
2 1/4 cups
2 1/4 cups
$21 / 4$ cups
2 1/4 cups
2 1/4 cups
2 1/4 cups
1 tsp
Directions

- In a large saucepan, over medium heat, combine broth, potato, celery, onion, carrot, turnip, barley and pepper to taste.
- Bring to a boil
- Reduce heat, cover and simmer for 1 hour or until barley is soft.

Adapted from Cook!, Dietitians of Canada.
diced tomatoes
chicken broth (reduced sodium)
diced potato
diced celery
diced onion
diced carrot
diced turnip
barley
ground black pepper
diced tomatoes
chicken broth (reduced sodium) diced potato
diced celery
diced onion
diced carrot
diced turnip
barley
ground black pepper








## chicken \& vegetable

| Ingredients (9 Servings) |  |
| :---: | :---: |
| 2 tbsp | all-purpose flour |
| 1/4 tsp | salt |
| Pinch | ground black pepper |
| $11 / 4 \mathrm{lbs}(0.68 \mathrm{~kg}$ ) | stewing beef, bite size pieces |
| 2 tbsp | non-hydrogenated soft margarine |
| 1 | onion, chopped |
| 3 cups | beef stock (reduced sodium) |
| 3/4 cup | potato, diced |
| 3/4 cup | turnip, diced |
| 3 | carrots, sliced |
| 3 | stalks celery, chopped |
| 1 cup | sliced mushrooms |
| $1 \mathrm{can} \mathrm{(28} \mathrm{oz/} 796 \mathrm{ml}$ ) diced tomatoes (reduced sodium) |  |
| Ingredients (27 Servings) |  |
| 6 tbsp | all-purpose flour |
| 3/4 tsp | salt |
| 1/2 tsp | ground black pepper |
| 3 lbs (1.70 kg) | stewing beef, cut into bite size pieces |
| 6 tbsp | non-hydrogenated soft margarine |
| 3 | onions, chopped |
| 2 L and 1 cup ( 2250 ml ) | beef stock (reduced sodium) |
| $21 / 4$ cups | potato, diced |
| $21 / 4$ cups | turnip, diced |
| 9 | carrots, sliced |
| 9 | stalks celery, chopped |
| 3 cups | sliced mushrooms |
| 3 cans ( $28 \mathrm{oz} / 796 \mathrm{ml}$ ) diced tomatoes (reduced sodium) |  |
| Directions |  |
| - In a large saucepan, melt margarine over medium-high heat. Add beef and onion; cook for about 2 minutes or until beef is browned and onion is softened. |  |
| - Stir in stock slowly and bring to a boil, stirring constantly until thick. |  |
| Adapted from Better Baby F | edition. |



## mion Mac \& Cheese

## Ingredients (6 Servings)

$11 / 2$ cups whole grain macaroni

3 tbsp
non-hydrogenated soft margarine
3 tbsp
1/4 tsp
2 cups
2 cups

1/4 cup all-purpose flour
salt
milk (skim, 1\% or 2\%)
shredded Cheddar cheese (lower fat medium or sharp)

## Ingredients (18 Servings)

$41 / 2$ cups whole grain macaroni
$\begin{array}{ll}9 \text { tbsp } & \text { non-hydrogenated soft margarine } \\ 9 \text { tbsp } & \text { all-purpose flour }\end{array}$
9 tbsp all-purpose flour
3/4 tsp
6 cups
6 cups
3/4 cup
salt
milk (skim, 1\% or 2\%)
shredded Cheddar cheese (lower fat medium or sharp)
dry whole wheat bread crumbs

## Directions

- Preheat oven to $350^{\circ} \mathrm{F}\left(180^{\circ} \mathrm{C}\right)$. Grease 11 x 7 inch ( 2 L ) baking dish
- Cook macaroni according to package directions until tender to the bite. Drain.
- Meanwhile, in a large heavy saucepan, melt margarine over medium heat. Whisk in flour and salt to make a smooth paste. Whisk in milk, $1 / 2$ cup at a time. Cook, stirring frequently, until sauce thickens, about 5 minutes. (Add more milk if sauce is too thick). Remove from heat and stir in pepper. Stir in cheese until melted. Stir in macaroni until well coated.
- Transfer macaroni and cheese to prepared baking dish. Sprinkle with bread crumbs.
- Bake in preheated oven for about 15 minutes or until topping is golden.

Adapted from Simply Great Food, Dietitians of Canada.
lean or extra lean ground beef carrot, diced
celery, diced green bell pepper, diced onions, diced garlic, minced chili powder paprika hot pepper flakes black pepper diced tomatoes (reduced sodium) tomato sauce (reduced sodium
lean or extra lean ground beef carrot, diced
celery, diced
green bell pepper, diced
onions, diced
garlic, minced
chili powder paprika
hot pepper flakes
black pepper

- Ingredients (12 Servings)
- $1 \mathrm{lb}(0.45 \mathrm{~kg})$
- 1/4 cup
- 1/4 cup

1/4 cup
1/4 cup

- 2 tbsp
- 1 tsp

1 tsp
$1 / 4 \mathrm{tsp}$

- $1 / 4 \mathrm{tsp}$
- 1 can ( $28 \mathrm{oz} / 796 \mathrm{ml}$ )
- 1 can (14 oz/398 ml)
- Ingredients (36 Servings)
- 3 lbs ( 1.36 kg )
- $3 / 4$ cup
- 3/4 cup
- 3/4 cup

3/4 cup

- 6 tbsp
- 3 tsp
- 3 tsp
- $3 / 4$ tsp

3/4 tsp

- 3 cans ( $28 \mathrm{oz} / 796 \mathrm{ml}$ ) diced tomatoes (reduced sodium)
- 3 cans ( $14 \mathrm{oz} / 398 \mathrm{ml}$ ) tomato sauce (reduced sodium)

Directions

- In saucepan, over medium heat; cook ground beef. Drain off fat.
- Add onions, carrot, celery and green bell pepper and cook until softened, about 5 minutes.
- Add garlic, chili powder, paprika, hot pepper flakes and black pepper; cook for 2 minutes.
- Add tomatoes and tomato sauce; bring to boil, stirring often. Reduce to low heat and simmer, about 12 minutes.

Serve $1 / 2$ cup of sauce over spaghetti or other noodles.
-
-
-
-
-


## Muffins <br> chicken \& cheese <br> Quesadillas

## Ingredients (12 Servings)

- 1 cup rolled oats
buttermilk or *sour milk
1 tsp vanilla
1 cup +2 Tbsp
- 1 Tbsp
- $1 / 2$ tsp

1 tsp

- $1 / 2 \mathrm{tsp}$
- $1 / 4 \mathrm{tsp}$
- 1

1/4 cup

- $1 / 4$ cup
- $11 / 2$ cups

Ingredients (24 Servings)

- 2 cups
- 2 cups
- 2 tsps
- 2 cup +4 Tbsp
- 2 Tbsp
- 1 tsp
- 2 tsp cinnamon

1 tsp baking soda

- $1 / 2 \mathrm{tsp}$
- 2 large egg
- $1 / 2$ cup brown sugar
vegetable oil
blueberries or partridgeberries,fresh or frozen
- 3 cups


## Directions

- Preheat oven to $400^{\circ} \mathrm{F}\left(200^{\circ} \mathrm{C}\right)$.
-     - In a medium mixing bowl, combine rolled oats, buttermilk or sour milk*, and vanilla, and let stand.
- In a separate bowl, combine flour, baking powder, salt, cinnamon, baking soda, and nutmeg.
-     - Add egg, brown sugar and oil to the rolled oats mixture.
- Add wet mixture to dry ingredients. Stir just until moistened.
- Fold in berries.
- Spoon into paper-lined muffin tins.
-     - Bake at $400^{\circ} \mathrm{F}\left(200^{\circ} \mathrm{C}\right)$ for $15-20$ minutes or until golden brown.
- *To sour milk, add 1 Tbsp ( 15 mL ) vinegar or lemon juice to each 1 cup - of milk.
- Adapted from "Healthy Heart Cooking", Government of Newfoundland and
- Labrador, Department of Health, 1996
- Labrador, Deparment of Heath, 19 .
Ingredients (4 Servings)
- 4
- 2
3 cups
1 cup
- 4 tbsp
- 
- Ingredients (12 Servings)
- 12 large soft tortillas (whole grain)
- 6
- 9 cups
- 3 cups
- $3 / 4$ cup
- 
- Light sour cream or plain yogurt (optional)
- Directions
-     - Heat a non-stick frying pan over medium heat. Grill chicken and vegetables. Set aside.
- Place tortilla on a flat surface. On $1 / 2$ the tortilla, layer 2 tbsp of cheese, $1 / 2$ chicken breast, $3 / 4$ cup chopped vegetables, olives or - tomatoes (if using) and top with another 2 tbsp of cheese. Fold tortilla - in half to enclose the fillings.
-     - Place in frying pan and cook until lightly browned, flip and cook second side.
- Remove from frying pan and cut into 4 wedges.
Offer with salsa and light sour cream or yogurt on the side.
- Adapted from ActNowBC, Healthy Eating for Seniors.


Ingredients (8 Servings)

| 6 cups | finely shredded green cabbage, about 1/2 head |
| :---: | :---: |
| 2 cups | carrot, shredded |
| 3 | green onions, finely sliced |
| Dressing |  |
| 1/4 cup | apple cider vinegar |
| 2 tbsp | olive oil |
| 1 tsp | celery seed |
| 1 tsp | sugar |
| 1/2 tsp | black pepper |
| Ingredients (24 Servings) |  |
| 18 cups | finely shredded green cabbage, about 1 1/2 head |
| 6 cups | carrot, shredded |
| 9 | green onions, finely sliced |
| Dressing |  |
| 3/4 cup | apple cider vinegar |
| 6 tbsp | olive oil |
| 3 tsp | celery seed |
| 3 tsp | sugar |
| 3/4 tsp | black pepper |

## Directions

- Add all the salad ingredients in a large bowl and set aside.
- In a small bowl, whisk together dressing ingredients. Pour over salad and toss to coat.
- Cover and let sit in the fridge for at least 1 hour or overnight.

Adapted from the Heart and Stroke Foundation, www.heartandstroke.com.
Ingredients (12 Servings)
1 can (14 oz/ 398 ml ) green beans (rinsed)
1 can ( $14 \mathrm{oz} / 398 \mathrm{ml}$ ) yellow beans (rinsed)

- 1 can ( $19 \mathrm{oz} / 540 \mathrm{ml}$ ) black beans (rinsed)
- 1 can (12 oz/ 341 ml ) corn (rinsed)

1
-
-

- 2 tbsp

1 tsp

- 1

1 tsp
1 tsp
Ingredients ( $\mathbf{3 6}$ Servings)
3 cans (14 oz/ 398 ml )

- 3 cans ( $14 \mathrm{oz} / 398 \mathrm{ml}$ )
- 3 cans ( $19 \mathrm{oz} / 540 \mathrm{ml}$ )
- 3 cans ( $12 \mathrm{oz} / 341 \mathrm{ml}$ )
- 3
- 
- 
- Tarragon vinaigrette

3/4 cup
3/4 cup

- 6 tbsp

3 tsp
3
3 tsp
3 tsp

## Directions

- Drain and rinse green beans, yellow beans, black beans and corn. Mix in a large bowl.
- To prepare vinaigrette, whisk together canola oil, vinegar, sugar, mustard, garlic, tarragon and basil. Pour onto bean mixture prior to serving. Garnish with onion and green pepper rings.
- Adapted from the Heart and Stroke Foundation, www.heartandstroke.com.



## eas Hummus

## tassy Yogurt

Ingredients ( $1 \mathbf{1 / 2}$ cups)
1 can (19 oz/ 540 ml ) chickpeas
3 tbsp
2 tbsp
1 tsp
2
salt and pepper to taste
canola or olive oil
ground cumin
garlic cloves, chopped or crushed

Ingredients (5 cups)
3 cans (19 oz/ 540 ml )chickpeas

## 9 tbsp

6 tbsp
3 tsp
6
salt and pepper to taste

## Directions

- Drain chickpeas. Place in blender or food processor.
- Add garlic, cumin, lemon juice and canola (or olive) oil.
- Blend or process until smooth. Add a small bit of water, if needed.
- Add pepper to taste.
lemon juice
canola or olive oil
ground cumin
garlic cloves, chopped or crushed
Ingredients (3/4 cup)
3/4 cup
plain yogurt
1/2 tsp dried dill weed
$1 / 2$ tsp onion powder
Ingredients (3 cups)
3 cups plain yogurt
2 tsp dried dill weed
- 2 tsp onion powder
Directions
- Mix all ingredients together in a bowl.
- Refrigerate until needed.

Serve as a dip with a variety of vegetables.


## yogurt <br> Parfait

## mismoothie

## Ingredients (1 Serving)

$1 / 2$ cup
lower fat yogurt
fresh, frozen, or canned fruit of your choice
granola or high fibre cereal
$1 / 2$ cup fresh, frozen, or canned fruit of your choice

## 1 tbsp

Directions

- Spoon half of yogurt into a clear glass or dessert bowl. Top with half of fruit. Repeat layers.
- Sprinkle with granola.

Adapted from Manitoba's Making the Move to Healthy Choices Tournament/Competition Menu Items.

Ingredients (1 Serving)
3/4 cup lower fat milk
banana
2 strawberries
4 ice cubes (if using frozen fruit, omit the ice)
Ingredients (10 Servings)
$71 / 2$ cups lower fat milk
10 bananas
20 strawberries
40 ice cubes (if using frozen fruit, omit the ice)

## Directions

- If using fresh, wash the strawberries and take out the stem.
- Peel the banana and chop into chunks.
- Add all ingredients into the blender. Cover and blend on high speed until smooth.
- Pour into a cup and enjoy.

Hint: Pre-prepare the fruit smoothie ingredients. In a freezer safe container, measure out the strawberries, banana. Freeze. When fruit smoothie is requested, take out frozen mix and place in blender. Add milk, banana and optional ice cubes and blend.

Adapted from Manitoba's Making the Move to Healthy Choices - Tournament/ Competition Menu Items.
1

## SECTION

## Additional Resources

## EAT GREAT AND PARTICIPATE COORDINATOR (709) 729-4490 <br> www.recreationnl.com/eat-great-participate

Regional Nutritionists

## EASTERN HEALTH

St. John's and Area
(709) 752-4422

Rural Avalon and Burin \& Bonavista Peninsulas (709) 229-1605

## CENTRAL HEALTH

Gander
(709) 651-6335

## WESTERN HEALTH

Corner Brook
(709) 784-5257, or (709) 784-5677

LABRADOR-GRENFELL HEALTH
Happy Valley- Goose Bay
(709) 897-2391


