



Now Serving: Nutritious Snacks for Preschoolers

Julie Garden-Robinson, Ph.D., R.D., L.R.D., Food and Nutrition Specialist
Sarah Rommesmo, Former Program Assistant

Did you know?

According to data from the U.S. Department of Agriculture:

- In the last 20 years, the number of 2- to 5-year-olds consuming soft drinks has increased 21 percent.
- Simple, more healthful substitutions can reduce a child's risk of becoming overweight. For example, trading a banana for 1 ounce of potato chips will contribute 12 percent less fat, 10 percent more fiber and 13 percent more potassium.

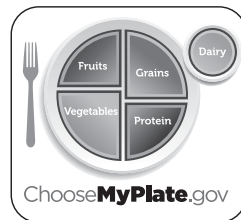
Filling the Gaps

A child's small tummy usually cannot hold enough at meals to keep him or her satisfied until the next meal.

What food groups are lacking in your child's diet?

Kids younger than 6 may need to eat two to three snacks a day because they usually can't meet their daily requirements in just three meals. Think of snacks as minimeals to help fill the gaps in their diets.

Keep track of what your child eats for a few days and compare that with the recommendations at www.choosemyplate.gov. You can print a sample plan based on age, gender and physical activity. Does



your child's diet have gaps? If you notice your child is lacking certain food groups, plan snacks that will help him or her meet his or her daily needs.

Sample MyPlate Plan

Male	Age: 3	Activity: more than 60 minutes/day
Grain Group.....	5 ounces	
Vegetable Group	1½ cups	
Fruit Group	1½ cups	
Dairy Group.....	2 cups	
Protein Foods Group	4 ounces	

For a MyPlate plan for your child, visit www.choosemyplate.gov and fill in age/gender and physical activity information, or contact your local Extension office.

Portion Sizes

Starting at about age 2, children begin eating the same foods as the rest of the family. While they should be getting the same variety of foods, their portion sizes need to be smaller to suit their needs. Two-thirds of the adult portion is usually about right. For example, an appropriate vegetable portion for a preschooler would be between 1/4 cup and 1/3 cup. With portions this size, small children need to eat more frequently to meet their daily calorie needs. Preschool-age children need around 1,300 calories per day.

Children should be getting the majority of their calories from a variety of grains (preferably whole grains), vegetables, fruits, milk products and lean protein sources.

If your child is a juice drinker, try to limit the amount to 6 ounces or less per day and encourage more whole fruit. Adding whole fruit is an easy way to incorporate more fiber into their diets.

Make Fruits and Veggies Fun

Often times, getting kids to eat fruits and vegetables is challenging. Try making snack time fun. For example, provide a variety of cut-up fruits or vegetables and let them create their own kabobs with your assistance. You also may want to try serving vegetables with low-fat dip to make them more appealing.

Tip:
Keep baggies of cut-up fruits and veggies in the fridge for a healthy grab-and-go snack.

Beverages Count!

Liquid calories can add up quickly. One can of soda pop has up to 170 calories and no nutrients.

Low-fat/fat-free milk and 100 percent juice provide nutrients along with calories. Replacing soda with healthier options, such as water, milk and juice, can help children get more of the nutrients they need to grow and develop properly.

Kid-friendly Snacks

Use this checklist when planning snacks to help choose healthy snacks your kids will like.

- Does it taste good?
- Does it look appetizing?
- Does it provide vitamins and minerals?
- Can it be chewed and swallowed easily?
- Will it be a choking hazard?
- Is it a finger food?
- Is it different from yesterday's snack?
- Can your child help prepare it?

Children under 5 years of age are at a risk of choking on food or other objects. Always supervise young children while they are eating. Remind them to chew food thoroughly, take small bites and eat slowly. (Toddlers usually can eat foods that are cut into ½-inch pieces.)

Did you know?

According to the American Journal of Clinical Nutrition, sweetened beverages contribute 8 to 9 percent of total calories for adults and children.

Try these simple, healthy snack ideas from the MyPlate food groups:

Grain Group	Vegetable Group	Fruit Group	Dairy Group	Protein Foods Group
Cereal	Fresh veggies with low-fat dip	Fresh fruit, such as apple slices, with peanut butter*	Yogurt	Hard-cooked egg
Wheat crackers with cheese	Celery with peanut butter* or sunflower seed butter	Dried fruit	String cheese	Peanut butter* or sunflower seed butter (on crackers)
Rice cakes	Baby carrots	100% fruit juice	Pudding	Bean dip
Trail mix (cereal, nuts,* dried fruit)	100% vegetable juice	Applesauce	Flavored low-fat milk	Mixed nuts*
Graham crackers	Sugar snap peas	Canned fruit (in juice)	Cottage cheese with fruit	Tuna salad

*Be aware of potential allergies.

Fun and Easy Recipes

Here are some recipes your kids will have fun helping you make.

Guide to abbreviations:

c. = cup
Tbsp. = tablespoon
tsp. = teaspoon
g = gram

Chocolate Chip Banana Bread

$\frac{1}{3}$ c. canola oil
1 c. sugar
3 eggs, beaten
3 c. flour
4 to 5 medium bananas
 $\frac{1}{2}$ c. chocolate chips
 $\frac{2}{3}$ c. buttermilk
 $1\frac{1}{2}$ tsp. baking soda
 $\frac{1}{2}$ tsp. salt
 $\frac{1}{2}$ c. walnuts or pecans, chopped (optional)

1. Preheat oven to 325 degrees. Spray two loaf pans (7- by 4-inch) with canola baking spray.
2. In a large mixing bowl, combine all ingredients until just blended.
3. Pour batter evenly into pans and bake for one hour until top is lightly golden brown and the sides pull away from edges. Remove from oven and cool.

Makes 24 servings. Each serving has 210 calories, 8 g fat, 33 g carbohydrate and 4 g protein.

Recipe courtesy of Sheri Coleman, Northern Canola Growers, www.northerncanola.com

Quick Tip:
Make this recipe on the weekend so it's ready for quick snacks.

Yogurt Grahams

1 graham cracker (large rectangle)
2 Tbsp. low-fat fruit-flavored yogurt

1. Break graham cracker in half. Spread yogurt on one half and top with the other.
2. Wrap in plastic wrap and freeze.

*Makes one serving, with 80 calories, 1.5 g fat, 14 g carbohydrate and 2 g protein.
Source: Colorado State University Extension Service*

Waffle Snack

1 frozen waffle
1 Tbsp. low-fat cream cheese or peanut butter
1 tsp. jam

1. Toast waffle in toaster.
2. Spread cream cheese or peanut butter on top.
3. Top with jam.

Makes one serving, with 190 calories, 8 g fat, 22 g carbohydrate and 5 g protein.

Vegetable Dip

- 1 c. cottage cheese
- 1 c. low-fat plain yogurt
- 1-ounce package ranch-style dressing mix

1. Put ingredients in a blender.
2. Blend on medium speed for about 30 seconds or until mixture is smooth.
3. Serve with assorted vegetables.

*Makes eight servings (¼ cup per serving).
Each serving has 120 calories, 1 g fat,
5 g carbohydrate and 5 g protein.
Source: Penn State Cooperative Extension*

Fruit Dip

- 2 c. low-fat sour cream
- 1-ounce package sugar-free instant vanilla pudding mix
- ¼ c. fat-free milk
- 4 tsp. lemon juice

1. Whisk together all ingredients until well-blended.
2. Serve with assorted fruit.

*Makes eight servings (¼ cup per serving).
Each serving has 90 calories, 5 g fat,
7 g carbohydrate and 4 g protein.
Source: Penn State Cooperative Extension*

Simple Snack Mix

- 1 c. whole-grain cereal
- ¼ c. dried fruit of your choice
- ¼ c. nuts (walnut pieces, slivered almonds, pistachios)
- ¼ c. small whole-grain snack crackers or pretzels

1. Place all ingredients in a large zip-close baggie or storage container.
2. Shake it up.

Makes three servings. Each serving has 180 calories, 7 g fat, 27 g carbohydrate and 4 g protein.

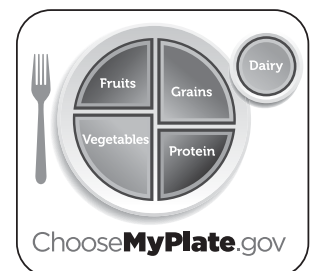
Source: www.kidshealth.org

Eat Smart. Play Hard. Together

Don't forget to eat smart **and** play hard. Kids need 60 minutes of active play every day.

- To learn more about healthy eating, visit www.choosemyplate.gov.
- To learn more about kids' nutrition and physical activity, visit www.ndsu.edu/eatsmart.

"Eat Smart. Play Hard." is an initiative of the Food and Nutrition Service, U.S. Department of Agriculture.



The NDSU Extension Service does not endorse commercial products or companies even though reference may be made to tradenames, trademarks or service names. NDSU encourages you to use and share this content, but please do so under the conditions of our Creative Commons license. You may copy, distribute, transmit and adapt this work as long as you give full attribution, don't use the work for commercial purposes and share your resulting work similarly. For more information, visit www.ag.ndsu.edu/agcomm/creative-commons.

For more information on this and other topics, see www.ag.ndsu.edu

County commissions, North Dakota State University and U.S. Department of Agriculture cooperating. North Dakota State University does not discriminate on the basis of age, color, disability, gender expression/identity, genetic information, marital status, national origin, public assistance status, sex, sexual orientation, status as a U.S. veteran, race or religion. Direct inquiries to the Vice President for Equity, Diversity and Global Outreach, 205 Old Main, (701) 231-7708. This publication will be made available in alternative formats for people with disabilities upon request, (701) 231-7881.

5M-8-08