



## 5 or more servings of fruits and vegetables

Fruits and vegetables provide a lot of nutrients and water without a lot of calories. They also contain fiber and a variety of phytochemicals that help prevent cancer, heart disease, and other diseases. Young children often reject new foods at first – it may take several exposures to a new food before it is accepted so keep trying!

- Prepare meals and snacks at home using fruits and vegetables and let children help in the kitchen so they learn how to make healthy foods.
- Eat together as a family and model healthy eating to your children.
- Offer a variety of fruits and vegetables and other healthy foods at planned times throughout the day. Let children choose whether and how much they eat.

## 2 or fewer hours of recreational screen time<sup>+</sup>

<sup>+</sup>review guidelines on parenting strategies to encourage quality screen time (AAP, 2015)

Screen time is free time spent in front of screens – like televisions, video games, and the internet. It is possible to get enough physical activity and still engage in an unhealthy amount of screen time – so encourage your family to find other fun ways to spend their free time!

- Same parenting rules apply to screen time – set limits.
- Role modeling is critical – limit your own screen time.
- Children learn better from live interactions than from passive videos – talk to your children!
- Content matters – review what your children are watching and don't just set a timer!

## 1 or more hours of physical activity

Moving your body is a great way to burn calories, improve your mood, boost your energy, prevent cancer and cardiovascular diseases, and help you sleep better at night – plus, it can be a lot of fun! Look for activities your family can enjoy together so everyone can reap the benefits and help keep one another stay on track!

- Use activities instead of foods as incentives – a trip to the park, sledding hill, laser tag arena, skating rink, batting cage, or community pool can be a great alternative to the ice cream shop to celebrate a job well done.
- Walk or bike as a family to get where you're going.
- Set up activity dates with like-minded families or sign up your family for a charity walk – if you're accountable to someone else you may be more likely to stay active.

## 0 sweetened beverages

It is important to drink fluids to stay healthy, but sweetened beverages add extra sugar and calories to the diet. Watch out for drinks with the following ingredients: sugar, honey, sweetener, syrup (e.g., corn syrup, brown rice syrup), and/or ingredients ending in "ose" (e.g., glucose, dextrose).

- Make water the norm for quenching thirst – drink water when you are thirsty and offer water to thirsty children.
- Sparkling water, still water with slices of lemon, and fruity herbal iced teas are fun alternatives to plain water.
- Nonfat and 1% milk and 100% vegetable juices contain beneficial nutrients and calories, so think of them as foods that contribute towards your family's healthy diet.

Contact 5210 at [5210@psu.edu](mailto:5210@psu.edu) or [www.5210.psu.edu](http://www.5210.psu.edu) for help identifying programs and resources targeting nutrition, physical activity, and screen time!

References:

- Birch, L. L. & Marlin, D. W. (1982). I don't like it; I never tried it: Effects of exposure on two-year-old children's food preferences. *Appetite*, 3(4), 353-360.
- Brown, A., Shifrin, D.L., Hill, D.L. (2015). Beyond turn it off: How to advise families on media use. *American Academy of Pediatric News*, 36(10), 1-1.
- Gillman, M. W., Rifas-Shiman, S. L., Frazier, A. L., Rockett, H. R. H., Camargo, C. A., Field, A. E., Berkey, C. S., & Colditz, G. A. (2000). Family dinner and diet quality among older children and adolescents. *Archives of Family Medicine*, 9(3), 235-240.
- Gortmaker, S., Long, M., & Wang, Y. C. (2009). *The negative impact of sugar-sweetened beverages on children's health*. Retrieved from <http://www.rwjf.org/en/research-publications/find-rwjf-research/2009/11/the-negative-impact-of-sugar-sweetened-beverages-on-children-s-h.html>
- Heyman, M. B., & Abrams, S. A. (2017). Fruit Juice in Infants, Children, and Adolescents: Current Recommendations. *Pediatrics*, e20170967.
- Mancino, L., Todd, J. E., Guthrie, J., & Lin, B. (2009). Separating what we eat from where: Measuring the effect of food away from home on diet quality. *Food Policy*, 34(6), 557-562.
- McNeill, L. H., Kreuter, M. W., & Subramanian, S. V. (2006). Social environment and physical activity: A review of concepts and evidence. *Social Science & Medicine*, 63(4), 1011-1022.
- National Association for Sport and Physical Education. (2009). *Active start: A statement of physical activity guidelines for children from birth to age 5*. Retrieved from <http://www.aahperd.org/naspe/standards/nationalGuidelines/ActiveStart.cfm>
- Office of Disease Prevention & Health Promotion, U.S. Department of Health and Human Services. (2008). *2008 Physical Activity Guidelines for Americans*. Retrieved from <http://www.health.gov/paguidelines/guidelines/default.aspx>
- Popkin, B. M., Armstrong, L. E., Bray, G. M., Caballero, B., Frei, B., & Willett, W. C. (2006). A new proposed guidance system for beverage consumption in the United States. *American Journal of Clinical Nutrition*, 83(3), 529-542.
- Salmon, J., Timperio, A., Telford, A., Carver, A., & Crawford, D. (2005). Association of family environment with children's television viewing and with low level of physical activity. *Obesity Research*, 13(11), 1939-1951.
- Satter, E. (1995). Feeding dynamics: Helping children to eat well. *Journal of Pediatric Health Care*, 9(4), 178-184.
- Savage, J. S., Fisher, J. O., & Birch, L. L. (2007). Parental influence on eating behavior: Conception to adolescence. *The Journal of Law, Medicine & Ethics*, 35(1), 22-34.
- U.S. Department of Agriculture. (n.d.). *ChooseMyPlate.gov*. Retrieved from <http://choosemyplate.gov>
- U.S. Department of Agriculture & U.S. Department of Health and Human Services. (2010). *Dietary guidelines for Americans 2010*. Retrieved from <http://www.cnpp.usda.gov/DGAs2010-PolicyDocument.htm>
- Winston, C., & Beck, L. (1999). Phytochemicals: Health protective effects. *Canadian Journal of Dietetic Practice and Research*, 60(2), 78-84.

