Children’s Nutrition Education in Federal Programs

What is nutrition education for children?
Nutrition education gets children excited about making healthy food choices, provides children with knowledge and skills for living healthy lives, and creates an environment where healthy choices are the easy choice.1,2,3
Through nutrition education children gain experiences cooking, tasting, gardening and learning about food to become empowered to take responsibility for their own wellbeing.1,4

Why does nutrition education matter?
The investment of federal dollars in child nutrition programs can be maximized when access to healthy food (e.g., school meals with strong nutrition standards) are paired with nutrition education. This offers the best opportunity for children to be responsible and informed about their food - synonymous with giving a child a fishing rod along with guidance and hands-on learning experiences to catch lots of fish.

Even when we know what to eat to be healthy, it’s hard, especially for kids. National food intake surveys show that nearly 100% of children ages 4-8 consume too many high fat foods such as fatty meat, full-fat diary, chips, and fried food and too many high sugar foods such as sweetened beverages and packaged baked goods.5 At the same time they eat too few fruits and vegetables. Successful nutrition education programs are proven to change kids’ eating habits for the better.

Studies show that nutrition education has multiple benefits for kids, including:

- Decreasing overweight and BMI,6,7 which can positively impact health and personal earnings8 throughout their lives.
- Increasing how much kids like and eat fruits and vegetables.9,10,11,12,13,14,15,16,17,18,19,20,21
- Improving kids’ performance in school.22
Examples of combining nutrition education and access to healthy food:

**Garden-based Education with Access to Healthy Food:**
School gardens give kids fun hands-on experiences with fruits and vegetables, and get kids excited to try the foods that they have grown by themselves. Kids who garden in school are more likely to enjoy fruits and vegetables. Many times foods harvested from school gardens are incorporated into school meals, or the types of vegetables grown in the garden are highlighted on school menus.\textsuperscript{10,11,12,13}

**Cooking-based Education with Access to Healthy Food:**
Cooking classes can teach kids how to prepare healthy foods they will see in the cafeteria, which makes them more likely to choose those healthy options at lunch.\textsuperscript{23} Cooking skills give kids the tools to eat well for a lifetime.

**Smart Cafeteria Design and Tastings with Access to Healthy Food:**
Tastings in the cafeteria make healthy eating easy and fun for kids. Offering nutritious foods in a fun, attractive way, such as a salad bar with many different vegetables, creative names for menu items, baskets with fruit, etc., makes healthy choices easier for kids.\textsuperscript{24,3} The more kids have opportunities to taste healthy foods and to try new things, the greater likelihood they will choose and enjoy those foods.\textsuperscript{14,15,16,17,25,9}
Resources and Evidence on Nutrition Education for Children


2. Centers for Disease Control and Prevention. School health guidelines to promote healthy eating and physical activity. MMWR 2011;60:1–76.


