



PUTTING DOWN ROOTS

FARM TO SCHOOL PROGRAM

— Stark County Schools —

OCTOBER
**HARVEST
OF THE
MONTH**

LEARN ABOUT APPLES

ELEMENTARY

- **[A Is For Apples](#)** - Students will use the five senses to investigate apples, identify and model the parts of an apple, make applesauce, and learn how apples are grown.
- **[Freshest Fruits](#)** - Students will learn about where fruits grow and their nutritional value by completing an activity to observe the size, shape, texture, and seeds of various fruits.
- **[An Apple A Day Keeps the Doctor Away](#)** - Students will explore organic and conventional farming practices by analyzing multimedia texts to investigate the differences between conventionally and organically grown apples.
- **[Apple Science: Comparing Apples and Onions](#)** - Students will explore heredity concepts by comparing observable traits of apples and onions, collecting data on the traits of different apple varieties, and learning about apple production. Additional activities include hands-on methods for testing apple ripeness.
- **[Where Does It Come From?](#)** - Students will explore the connection between geography, climate, and the type of agriculture in an area by reading background information and census data about the agricultural commodities beef, potatoes, apples, wheat, corn, and milk.

MIDDLE SCHOOL

- **[Apple Genetics: A Tasty Phenomena](#)** - Using the context of apples, students will apply their knowledge of heredity and genetics to explain how new varieties are developed and propagated to meet the demand for a tasty, uniform, consistent product.
- **[FoodMASTER Middle: Fruits](#)** - Students will learn the concept of enzymatic browning and methods for decreasing enzymatic oxidation by observing three types of fruit. Students will also understand the relationship between oxidation and antioxidants and the role fruits play in health and nutrition.

HIGH SCHOOL

- **[Apples and the Science of Selection](#)** - Students will distinguish between natural and artificial selection and use a student-centered learning activity to see how science has used both asexual and sexual plant reproduction methods to first create different varieties of apples; and then to produce the final product commercially.



Stark County
educational
service center