



1600 Riverside Road  
Jamestown, NY 14701

auduboncnc.org  
(716) 569-2345

## Audubon Classroom Program – PA

### **Before the Audubon presenter comes:**

Please review the Curriculum Integration Guide information and materials with your class. We don't need you to teach the lesson, but it helps if students have some basic background in the concepts that we are teaching.

### **When the Audubon presenter is in your class:**

Please remember that we are guests in your school. We appreciate you being present during the lesson, helping with discipline and making connections between our lesson and other things that your students are doing.

### **After the Audubon presenter leaves:**

Please keep the learning going. There is a post visit activity to do, along with many other ways to keep the students learning.

There is a teacher survey at <http://auduboncnc.org/classroomevaluation> that you can complete to tell us how we are doing and what we can do to better suit your needs.

## Seeds n' Such

### Curriculum Integration Guide

#### Pre-visit activities

- Make a list of plants
- Have each student use construction paper to make a plant with the different parts
- Talk about life cycles in general, that things start out as babies and get older. As they do that, sometimes they change.
- Ask them to name some seeds.

#### Extending the learning

- Have seed snacks.
- Go outside on a seed hunt.
- Take small bags of seeds and have students sort them – by color, shape, if they have wings, type of covering, how many seeds are inside, size, texture, etc.
- Make pictures using seeds (birdseed and beans work well).
- Grow seeds on the windowsill.
- Watch plants grow in the schoolyard – visit them regularly and keep a journal or take photos.
- Make a bird feeder to fill with seeds.
- Dissect fruits and vegetables to see seeds inside them, eat the fruit as a snack, sort the fruit into groups (one big seed, many little seeds, seeds on the inside, seeds on the outside, etc).
- Read a seed book, or a plant life cycle book.

#### Books

- *A Seed is Sleepy* by Dianna Hutts Aston and Sylvia Long. This book teaches readers about a variety of plants and how their seeds are moved.
- *Seeds* by Ken Robbins. This book teaches readers how seeds grow, and how they vary in shape, size, and dispersal patterns.

#### PA Standards

**3.1.1.A.5** - Identify and describe plant parts and their functions.

**3.1.1.A.9** - Participate in investigations about living and/ or nonliving things to answer a question or to test a prediction.

#### Objective of the program







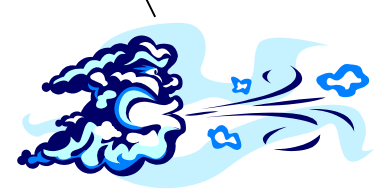
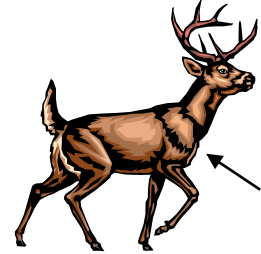

Students will grasp the basic concepts of a plant life cycle and photosynthesis. They will learn that seeds turn into plants. Students will learn that there are different ways that plants disperse seeds, and that there are different groups of seeds.

## Seeds and Such

### Post-visit Activity

Today you learned about **seeds** and how they travel to a new place to grow.

1. Draw a line to match the seed to how it is dispersed, or how it finds a growing place. The first one is done for you.

					
Dandelion	Berry	Burdock	Sunflower	Apple	Milkweed
					
Wind					
					
	Animal fur				
					
		Animal storing or eating and pooping			



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2. On a separate sheet of paper, draw a seed.  
Give it everything it needs to find a growing place – tasty fruit, wings, or hooks.

# Seeds and Such Answer Key

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