

Audubon Center & Sanctuary

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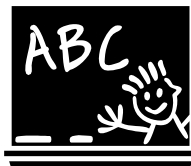
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Seeds 'n Such: Curriculum Integration Guide

Get their Brains warmed up



- 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.
- Ask them to collect some seeds to bring in and share.

Activities and Ideas for Extending the Learning

- Make a seed collection
- 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.
- Write a seed poem
- 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. Dianna Hutts Aston, Sylvia Long. Ages 4-8, 40 pages, Chronicle Books 2007. ISBN-10: 0811855201
- Seeds. Ken Robbins. Ages 4-8, 32 pages: Atheneum 2005 ISBN-10: 0689850417, ISBN-13: 978-0689850417

NYS Standard 4 - The Living Environment

Major Understanding: 1.1b Plants need air, water, nutrients, and light in order to live and thrive; **2.2b; 3.1b** Each plant has different structures that serve different functions in growth, survival, and reproduction; **3.1c** In order to survive in their environment, plants and animals must be adapted to that environment; **4.1b** Each kind of plant goes through its own stages of growth and development that may include seed, young plant and mature plant; **4.1c, 4.1d, 6.2a,**

PA Biology Standard: 3.3.4 A1, B2

PA Ecology Standard: 4.6.4 A3

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.