

Science Story Adventures



Seeds II

Learning outcomes

» Students know many plants depend on animals for pollination and seed dispersal, and animals depend on plants for food and shelter. (Grade 4 - Life Sciences)

» Students know flowers and fruits are associated with reproduction in plants. (Grade 2 - Life Sciences)

From: California's Science Content Standards

Books we read

A Seed is Sleepy by Dianna Hutts Aston

The Tiny Seed by Eric Carle

Planting the Wild Garden by Kathryn O. Galbraith

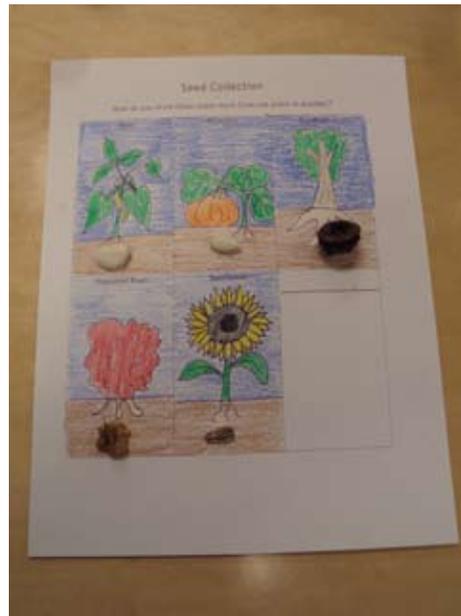
Activities we did

» We talked about why seeds disperse and move away from the parent plant.

» We looked at some different seeds (coconut, maple 'helicopter' and acorn) and talked about how they might travel.

» We did the "Little Sprout" activity from *Project Seasons: Hands-on Activities for Discovering the Wonders of the World* by Deborah Parrella, which introduces the parts of a seed and how they help it grow into a plant.

Today's craft: Seed Collection



You will need:

- » Seed collection template (included)
- » Cardstock
- » Crayons or colored pencils
- » Bean seed
- » Pumpkin seed
- » Hopseed bush seed
- » Eucalyptus fruit
- » Sunflower seed
- » Glue
- » Pencil

Directions:

1. Print out the seed collection template on cardstock.
2. Color in the plants.
3. Glue the seeds for each plant in the soil underneath it.
4. Find another seed in your yard or neighborhood. Draw a picture of it in the blank square and write its name on the line.

Want to find out more?

Here is a selection of further resources to explore in the Naturalist Center, in the public library or at home. Please ask if you can't find what you're looking for.

Books

Flip, Float, Fly: Seeds on the Move by JoAnn Early Macken.
Nat. Ctr. Juv. QK929 .M23 2008
Explores the movement of seeds, using some fantastically descriptive onomatopoeia.

From Seed to Pumpkin by Wendy Pfeffer. Nat. Ctr. Juv.
SB347 .P44 2004
Find out what pumpkins look like in the springtime.

How Seeds Travel: Poppuns and Parachutes by Jane Belk Moncure. Nat. Ctr. Juv. QK929 .M66 1990
Illustrates all the different ways seeds travel, and shows who helps them.

The Reason for a Flower by Ruth Heller. Nat. Ctr. Juv. QK49 .H47 1983
Explores the relationship between flowers, seeds, birds and bees.

Sprouting Seed Science Projects by Ann Benbow and Colin Mably. Nat. Ctr. Juv. QK661 .B43 2009
Ten experiments allow you to get your hands dirty with seeds.

DVDs

Plant. Nat. Ctr. Media QK901 .P53 2006
Learn how seeds grow and propagate as DK Eyewitness explores the plants of the world

Websites

The Junior Seed Site
Learn how to collect, sow and grow seeds.
<http://theseedsite.co.uk/junmain.html>

My First Garden
All the FUNdamentals, so you can see what happens to seeds when they grow up.
<http://urbanext.illinois.edu/firstgarden/index.cfm>

Seabean.com
Curious about "drifter" seeds? Explore them with games, facts, pictures and even an ID guide.
<http://www.seabean.com/>

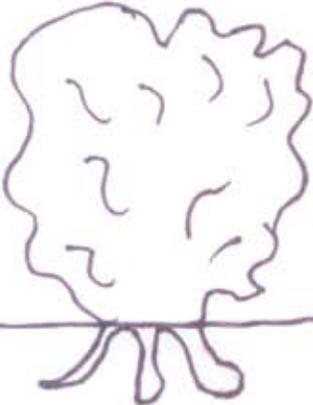
Seeds
The Kidipede entry for seeds begins with the plants of 360 million years ago!
<http://www.historyforkids.org/scienceforkids/biology/plants/reproduction/seeds.htm>

Seeds of Change Garden
Take a matching quiz on seeds and dispersal methods.
<http://dnr.wi.gov/org/caer/ce/eeek/cool/seedy.htm>

Sock Seeds
A cool experiment to see what seeds are in your local biome.
<http://pbskids.org/zoom/activities/sci/sockseeds.html>

Seed Collection

How do you think these seeds move from one place to another?

<p>Bean</p> 	<p>Pumpkin</p> 	<p>Eucalyptus</p> 
<p>Hopseed Bush</p> 	<p>Sunflower</p> 	<hr data-bbox="998 1117 1404 1123"/>