

2nd Grade Plants and Animals Resources

Next Generation Science Standard: 2-LS2 Ecosystems: Interactions, Energy, and Dynamics

2-LS4-1. Make observations of plants and animals to compare the diversity of life in different habitats.

LS2.A: Interdependent Relationships in Ecosystems

Plants depend on water and light to grow. (2-LS2-1)

Plants depend on animals for pollination or to move their seeds around. (2-LS2-2)

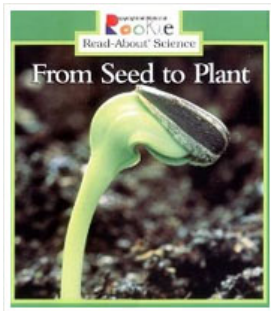
LS4.D: Biodiversity and Humans

There are many different kinds of living things in any area, and they exist in different places on land and in water.

Books:

From Seed to Plant (Rookie Read-About Science) by Alan Fowler (2001)

Describes the Development of a seed into a plant by means of pollination, fertilization and seed dispersal.

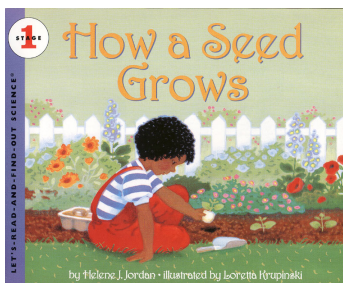


Guided Reading: J

32 Pages

How a Seed Grows (Let's-Read-and-Find-Out Science 1) by Helene J. Jordan (2000 Revised)

Uses observations of bean seeds planted in egg shells to demonstrate the growth of seeds into plants.

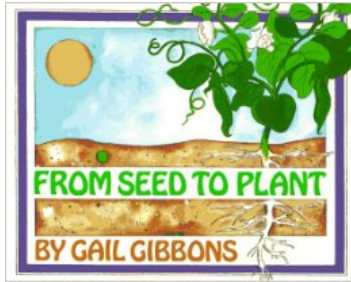


Guided Reading: I

32 Pages

From Seed to Plant by Gail Gibbons (1993)

Explores the intricate relationship between seeds and the plants which they produce.

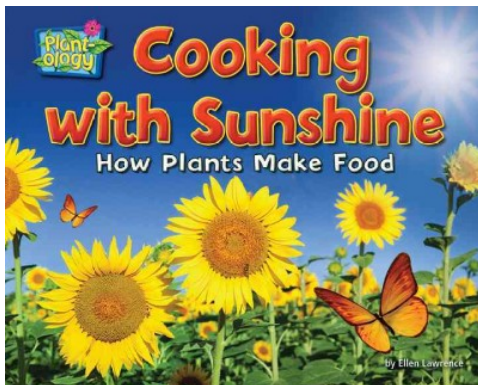


Guided Reading: M

32 Pages

Cooking With Sunshine: How Plants Make Food by Ellen Lawrence (2012)

Examines the process of photosynthesis and how it powers the lives of plants.

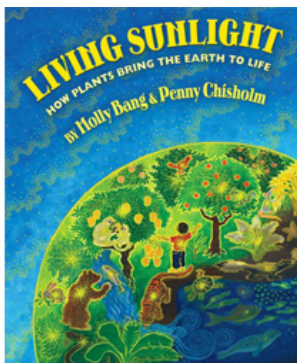


Guided Reading: L

24 Pages

Living Sunlight: How Plants Bring the Earth to Life by Molly Bang (2009)

Explains the cyclical relationship between photosynthesis in plants and respiration in animals.



Guided Reading: J

40 Pages

Plants: Real Size Science by Rebecca Rissman (2013)

Utilizes real-size photographs to teach young learners about different plant parts. Instead of using words alone to explain the appearance and function of leaves, roots, flowers, seeds, and stems, this book conveys information with accurately-sized photographs. Simple, leveled text helps readers access this information and build vocabulary.

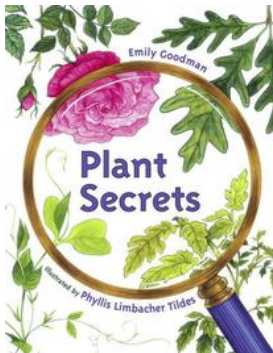


Guided Reading: J

24 Pages

Plant Secrets by Emily Goodman (2009)

Learn the secrets of plant life cycles, using four common (but very different) plants. Simple text and colorful illustrations show the major phases of plant growth: seed, plant, flower, and fruit.

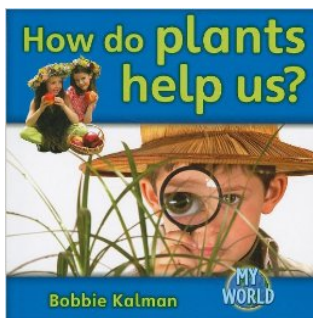


Guided Reading: H

40 Pages

How Do Plants Help Us by Bobbie Kalman (2011)

Discusses the physical characteristics of plants and describes their uses.

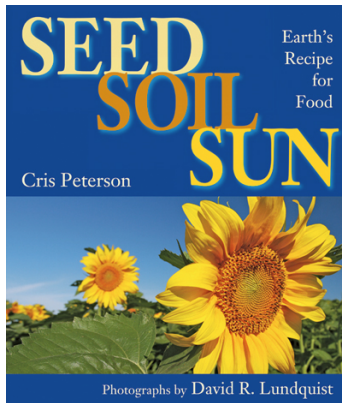


Guided Reading: I

16 Pages

Seed, Soil, Sun: Earth's Recipe for Food by Cris Peterson (2012)

Shows how plants germinate, grow, and produce food; looks at the composition of soil; and discusses the creatures who live in the soil.

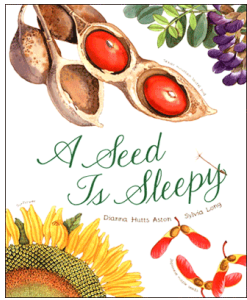


Guided Reading: n/a

32 Pages

A Seed is Sleepy by Diana Hutts Aston (2007)

An introduction to seeds; explaining their varying shapes and sizes, where they are found, and their life cycles.

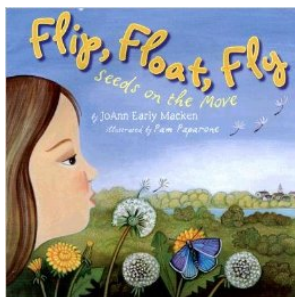


Guided Reading: O

40 Pages

Flip, Float, Fly: Seeds on the Move by Joanne Early Macken (2008)

Illustrations and simple text introduce children to how seeds travel from place to place and help propagate plants.

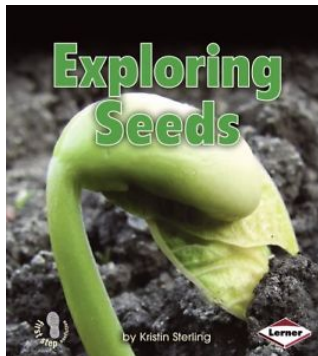


Guided Reading: M

32 Pages

Exploring Seeds by Kristin Sterling (2012)

Includes index. Color photographs and text provide information about seeds, what they are, and their role in helping plants grow.

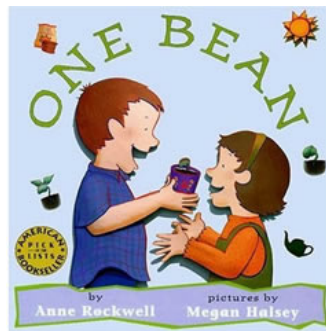


Guided Reading: H

23 Pages

One Bean by Anne Rockwell (1999)

Describes what happens to a bean as it is soaked, planted, watered, repotted, and eventually produces pods with more beans inside.

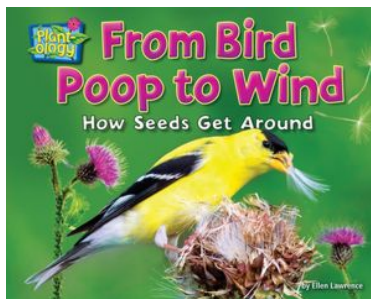


Guided Reading: I

32 Pages

From Bird Poop to Wind : How Seeds Get Around by Ellen Lawrence (2013)

Looks at the different ways that plants spread their seeds, from burrs and dandelion parachutes to floating coconuts and squirting cucumber plants.

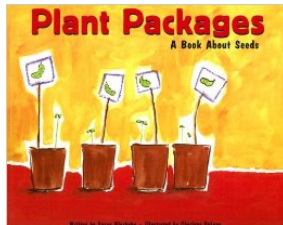


Guided Reading: M

24 Pages

Plant Packages: A Book About Seeds by Susan Blackaby (2003)

Includes bibliographical references and index. All kinds of seeds -- How seeds travel -- From seed to plant -- Seed sayings -- Fun facts -- Words to know -- Two kinds of seeds. Describes different kinds of seeds, explains how they turn into plants, and includes seed sayings, fun facts, and words to know.

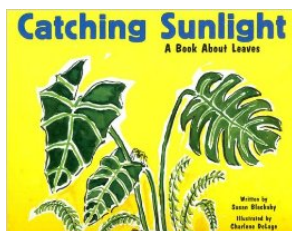


Guided Reading: J

24 Pages

Catching Sunlight: A Book About Leaves by Susan Blackaby (2003)

Includes bibliographical references and index. Leaves making food -- Leaves in spring -- Leaves in summer -- Leaves in autumn -- All kinds of leaves -- Leaf seasons -- Fun facts -- Words to know -- Comparing leaves. Explains what leaves do to help plants survive, describes the various types of leaves, and provides fun facts, words to know, and a leaf-related activity.

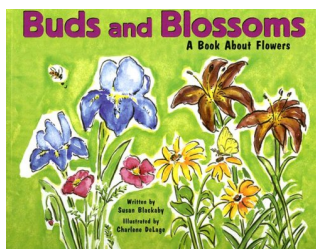


Guided Reading: N

24 Pages

Buds and Blossoms: A Book About Flowers by Susan Blackaby (2003)

Includes bibliographical references and index. Flower features -- Shades and shapes -- Insects, birds, and nectar -- How pollen gets around -- How seeds begin to grow -- Bugs and our planet -- First class flowers -- Fun facts. Describes the features, shades, and shapes of flowers, and looks at how flowers work together with insects and birds to reproduce. Includes fun facts and a glossary.



Guided Reading: M

24 Pages

Pebble Plus Plant Parts Series by Vijaya Bodach (2007)

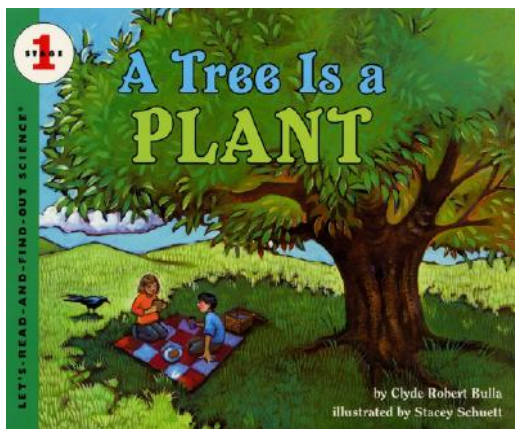
Includes six titles: Flowers, Fruits, Leaves, Roots, Seeds and Stems.



Guided Reading: I (Flowers, Leaves and Stems) H (Fruits, Roots and Seeds)
24 Pages Each

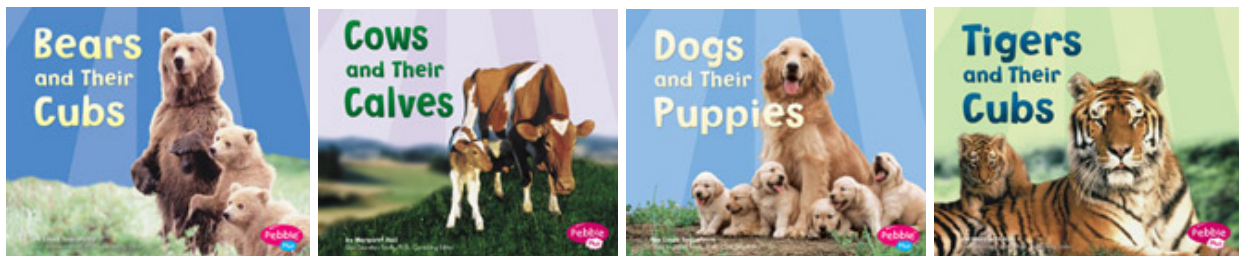
A Tree is a Plant by Clyde Robert Bulla (2001)

Describes how an apple tree grows from seed and explains how its roots obtain food and how its leaves change with the season.



Guided Reading: I
40 Pages

Pebble Plus Animal Offspring Series by Margaret Hall and Linda Tagliaferro (2004)

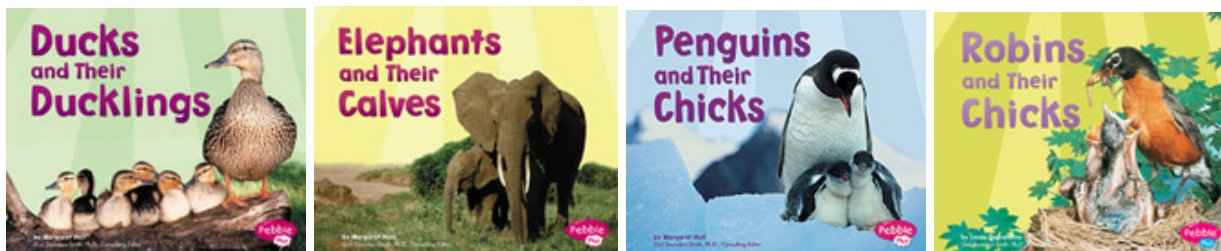


Guided Reading: H

Guided Reading: F

Guided Reading: G

Guided Reading: G



Guided Reading: F

Guided Reading: F

Guided Reading: G

Guided Reading: G

Pebble Plus Living in a Biome Series by Carol K. Lindeen (2004)

Animals adapt in a wide variety of environments. Their adaptations make it possible to eat, drink, and find shelter in places as diverse as the desert and the rain forest.



Guided Reading Levels: H and I
24 Pages

Adapted to Survive Series by Angela Royston (2014)

Each book in the *Adapted to Survive* series looks at a selection of high-interest animals that share a common skill, examining how each animal has adapted to survive in its own particular environment.



Guided Reading: M
32 Pages

Why Living Things Need Series by Daniel Nunn (2012)

This series describes the basic needs of most plants and animals. Young readers can compare and contrast their own needs with those plants and animals. Other features include spreads with questions and answers and quizzes related to books content.



Guided Reading: H
24 Pages