



The Booklist Project



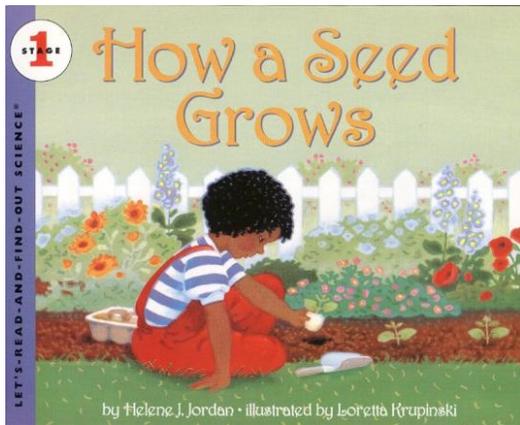
Science Booklist

Focus: Plants

Grades- K-2

Developed by: Kasey Murray

SU I 2013



Jordan, H. (2000.) *How a seed grows (Let's Read and Find Out Science 1)* New York, NY: HarperCollins

ISBN-10: 0064451070

WIDA Proficiency Level: High Emerging

Interest Level: K-3

Grade Level Equivalent: 2.6

Lexile: 400

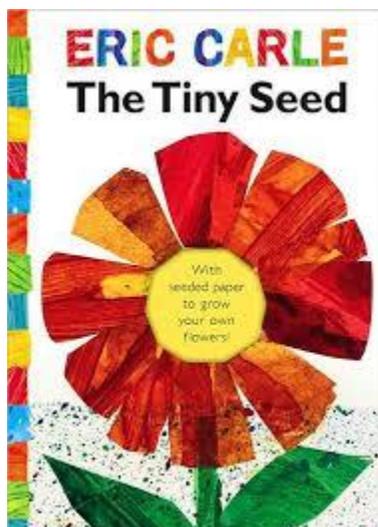
GRL: J

Available Formats: Paperback

The simple and clear text teaches students the process of how a seed planted in the soil will begin to grow underground and soon develop through the soil into a plant. The illustrations from *How a Seed Grows* can be used as a visual tool for English language learners and add to their understanding of the cycle of a seed. The cross-section pictures of the seed as it grows will allow all students to clearly understand the process a seed goes through to become a plant. English language learners will benefit from this piece of literature because the text also explains the various parts of a plant and provides a list of things that comes from seeds along with pictures of different kinds of seeds and where they come from. *How a Seed Grows* allows for the students to make a real-life connection through the text due to the experiment given at the end of the book where students can grow their own plant with the help of an adult.

Online Resource:

<http://peabody.yale.edu/sites/default/files/documents/education/World%20of%20Plants%20Grade%202%20DRAFT.pdf>



http://www.successlink.org/gti/lesson_unit-viewer.asp?lid=2748

Carle, E. (2009). *The tiny seed*. New York, NY: Little Simon; Reprint edition.

ISBN-10: 1416979174

ISBN-13: 978-1416979173

WIDA Proficiency Level: Developing

Interest Level: K-2

Grade Level Equivalent: 2.7 (Permanabound)

Lexile: 400

GRL: L

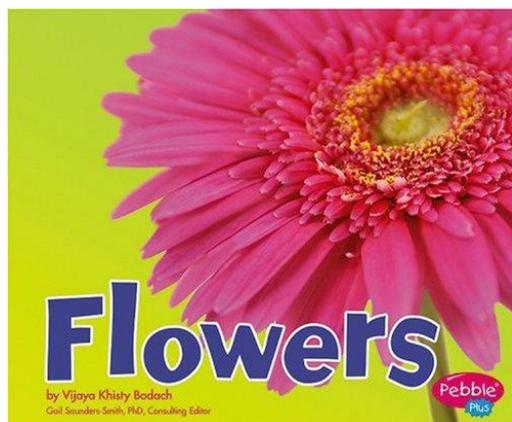
Available Formats: Hardcover and Paperback

The Tiny Seed has brightly colored collage pictures that bring the narrative of a tiny seed's journey to life. The story shares basic and relevant information on the seasons and the life cycle of plants making this piece of literature an age appropriate introduction to science and the exploration of nature. *The Tiny Seed* introduces to English language learners the many hazards faced by seeds and seedlings as they attempt to grow (from falling in water and drowning, being eaten by birds or mice, being overshadowed by large weeds, being stepped on by children, and more) and shows how the ideal environment is a necessity. It also covers the role of sunshine and rain, how the seed swells and bursts open, how the plant develops as it grows, and how it produces and disperses its seeds to carry on the next generation. As a result of the text and intricate illustrations, an English language learner will gain a better understanding of the life cycle of a seed.

Online Resources:

<http://www.eric-carle.com/bb-seed.html>

<http://www.teachingoasis.com/Tiny%20Seed.pdf>



Bodach, V. (2007.) *Flowers (Plant Parts)* Minneapolis, Capstone Press; 1st Edition.

ISBN-10: 0736896198

ISBN-13: 978-0736896191

WIDA Proficiency Level: Emerging and Developing

Interest Level: K-1

Grade Level Equivalent: 1.6 (Permabound)

Lexile: 360

GRL: I

Available Formats: Hardcover and Paperback

The “*Plants Parts*” series consists of six books titled Roots, Seeds, Flowers, Fruits, Stems and Leaves. The books are aimed at the very earliest readers, from first to second grade students. The sentences are very short with a limited vocabulary, in the face of which the factual presentation is nonetheless very nicely done. Each page of text is paired with a full-page photo. The photos are beautiful and aptly illustrate the text. Most of the photos use subjects that would be quickly recognized by English Language learners connect to the text and gain understanding. The photos add to the appeal of the book and help English Language Learners recognize words and vocabulary. Each book in the series has a glossary, an index, and a list of further readings. In addition, reference is made to a child-friendly search engine that would be useful to children at the upper edge of the

target audience. English language learners will benefit from the series due to its simple and age-appropriate introduction to plants.

Online Resources:

<http://www.iustmontessori.com/montessori-curriculum/week-27-day-2/>

[http://www.cfelessonplans.org/teacher/pdfs/2423_2099_Evangelista-Seed to Plant.pdf](http://www.cfelessonplans.org/teacher/pdfs/2423_2099_Evangelista-Seed%20to%20Plant.pdf)

Fowler, A. (2001). From seed to plants. New York City. Childrens Press Books

ISBN-10: 0516273078

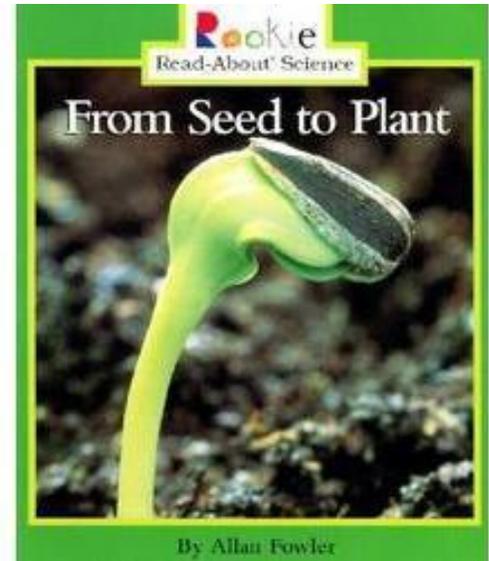
ISBN-13: 978-0516273075

WIDA Proficiency Level: High Developing/ Expanding

Reading Level: K-2

Grade Level Equivalent: 2.3

Available Formats: Hardcover and Paperback



From Seed to Plant is a great resource to utilize when learning about the plant cycle because of the vivid explanations and details. Students are introduced to pollination, seed dispersal and growth. The text goes into details about pollination and the growth of plants. The photographs allow English Language Learners to acquire the process of how a plant grows from a seed to a plant. English Language Learners are allowed to further their understanding of the plant cycle by completing the experiment provided at the back of the book. In this experiment, students are able to see the stages of a bean plant growing and actually see the seed start to sprout and develop. This piece of literature also helps English Language learners connect to the text by providing interesting facts and vocabulary words at the end of the book to explain more about plants.

Online Resources:

<http://peabody.yale.edu/sites/default/files/documents/education/World%20of%20Plants%20Grade%202%20DRAFT.pdf>

http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_011397.pdfStevens, Janet (1995). **Tops & Bottoms.** New York, NY. Harcourt Children's Books; First Edition edition.

Stevens, J. (1995). Tops & Bottoms. New York, NY. Harcourt Children's Books; First Edition edition.

ISBN-10: 0152928510

ISBN-13: 978-0152928513

WIDA Proficiency Level: Expanding and Bridging

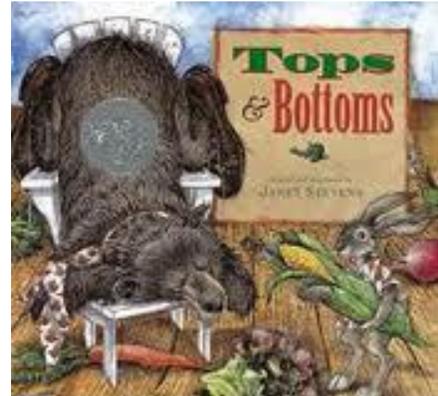
Interest Level: K-2

Grade Level Equivalent: 3.2

Lexile: 580

GRL: M

Available Formats: Hardcover



Tops and Bottoms, a Caldecott Honor Book, is drawn in a rather original format. Rather than holding the book with the spine horizontal, instead this tale can only be read with the spine completely vertical. Pictures are long here, rather than wide, and the result is an eclectic new way of telling a tale. The illustrations are essential to the story contribute to the telling and meaning of the text. *Tops and Bottoms* could be used as a picture book for English language learners because they are very detailed and intricate. The text of the book also shows English language learners that sometimes we use the roots, sometimes we use the leaves and sometimes we use the fruits/seeds.

Online Resources:

<http://www.agintheclassroom.org/teacherresources/interestapproaches/tops&bottoms.pdf>

<http://smittenwithfirst.blogspot.com/2013/03/tops-or-bottoms.html>

Kalman, B. (2000). What is a plant? (The Science of Living Things) New York, NY : Crabtree Publications Co.

ISBN-10: 0865059829

ISBN-13: 978-0865059825

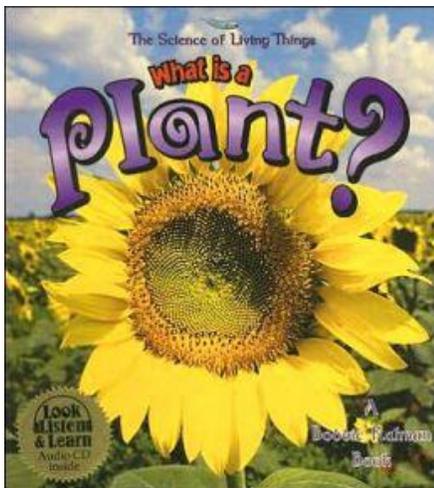
WIDA Proficiency Level: High Expanding and Bridging

Interest Level: K-3

Grade Level Equivalent: 5.5

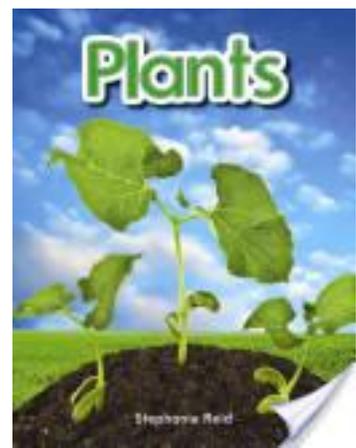
Lexile: 830

Available Formats: Hardcover & Paperback



Biology comes alive in *What is a Plant?* (*The Science of Living Things*) as the

various aspects of plant life are discussed and illustrated. Defining plants, their importance on this earth, parts of plants, their systems of survival and the great variety are discussed sufficiently enough to inform and inspire, but not overwhelm an elementary age English language learner. The book



introduces English language learners to a variety of plant types including ferns, carnivorous plants, mosses and trees through informational and age-appropriate text. Though none of the plant facts and information is oversimplified, it is rather generalized. Though the information provided is simple, the language is a bit too difficult for entering English language learners. Many of the scientific terms are boldfaced and defined in the text and/or in the glossary. It is best for the educator of K-2 students, especially English Language learners, to utilize this book as a read aloud and whole group interaction.

Reid, S. (2010). Plants. California: Teacher Created Materials.

ISBN: 1433393182

WIDA Proficiency Level: Entering

Interest Level: Kindergarten

Grade Equivalent Level: Kindergarten

Available Formats: Paperback

Subject: Juvenile Fiction, Wordless picture book

English language learners will be inspired to tell their own stories with this wordless picture book filled with engaging colorful images that show the growth of a plant seed to a flower. This wordless picture book allows for a wonderful shared reading experience for children who do not know yet how to read or who are just beginning to read. For English language learners who are “entering”, this book is perfect to share in the classroom. The photographs and images show the steps of how a seed grows and develops into a plant. In addition, the photographs tell a story for their own and allow English language learners to feel at ease when reading the book.

Online Resources:

N/A

Cave, K. (2003). One child, one seed: A South African counting book. New York, NY: Henry Holt and Co.

ISBN-10: 0805072047

ISBN-13: 978-0805072044

WIDA Proficiency Level: Expanding

Interest Level: K-2

Grade Level Equivalent: 3.7

Available Formats: Paperbacks



One Seed, One Child is a simple counting book with eye-catching full-page photographs that follows a young girl as she plants a pumpkin seed, watches it grow and harvests the fruit for cooking.

"One child, one seed. Two hands to plant the seed. Three ways to help it grow," and so forth. With beautiful color photos of a contemporary South African child and her extended family in a small rural community in Kwazulu, Natal, this text shows English language learners the daily struggle for food and shelter and the hard work and close bonds that make things happen. On the left of each double-page spread is a simple counting story, starting with one child, Nothando, and one pumpkin seed. Two hands plant the seed, and so on, ending with 10 dinner plates piled high with food. The opposite pages fill in the facts with words and photos allow English language learners a visual representation of the cycle of a seed and the steps involved in this process.

Online Resources:

<http://books.google.com/books?id=nGEawhxKyqYC&pg=PA16&dq=one+child+one+seed+%2B+activities&hl=en&sa=X&ei=8zjIUf2KDaWDOQHMKlAg&ved=0CFEQ6AEwBA#v=onepage&q=one%20child%20one%20seed%20%2B%20activities&f=false>

<http://books.google.com/books?id=7IBp42adDVkC&pg=PA316&dq=one+child+one+seed+%2B+activities&hl=en&sa=X&ei=8zjIUf2KDaWDOQHMKlAg&ved=0CFEQ6AEwBg#v=onepage&q=one%20child%20one%20seed%20%2B%20activities&f=false>

**Gibbons, G. (1993) From seed to plant. New York, NY:
Holiday House Inc.**

ISBN-10: 1430110791

ISBN-13: 978-1430110798

WIDA Proficiency Level: Bridging

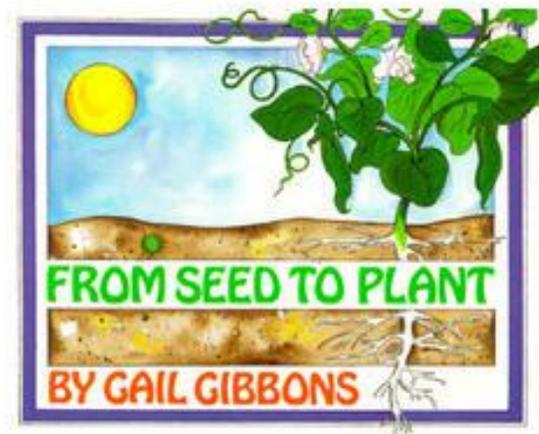
Reading Level: K-2

Grade Level Equivalent: 3.4

Lexile: 600

GRL: M

Available Formats: Hardcover, Paperback & CD

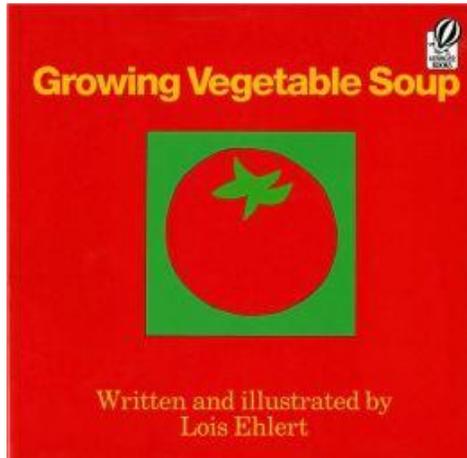


From Seed to Plant offers clear yet basic information about the life cycle of a plant cycle from seed pollination to mature growth. Gibbon's distinctive bold and colorful illustrations include easy-to-read labels, with simple and clear descriptions throughout the text English Language learners would benefit from having this story being read aloud or listening to the read aloud on available CD. Erin Mallon, the narrator on the CD, reads the text clearly and well-paced, allowing students to read along easily. Educators can use this text as a cooperative learning approach by completing the project at the end of the book. Included at the end of the text are simple facts about seeds and plants as well as a "From Seed to Plant" project that explains how to grow a bean plant.

Online Resources:

<http://www2.lhric.org/mcsd/austin/science/Orgles.htm>

<http://freepdfdb.org/pdf/from-seed-to-plant-chicago-foundation-for-education-40895162.html>



Ehlert, L. (1991). Growing vegetable soup. San Anselmo, CA: Sandpiper Publishing.

ISBN-10: 0152325816

ISBN-13: 978-0152325817

ISBN-10: 0547734972 (Bilingual Board Book)

WIDA Proficiency Level: Emerging and Developing (+ up)

Reading Level: K-2

Grade Equivalent Level: 2.0

Available Formats: Hardcover, Paperback & Bilingual Board Book

The illustration's bold colors hold children's attention and fit well with lessons for younger English language learners on what seeds/plants need to grow and the growing process and life cycle of a plant. *Growing Vegetable Soup* allows English language learners to follow the process of preparing a garden, planting seeds and seedlings, watering the garden, weeding, picking vegetables and finally cutting up the vegetables to prepare a soup. The illustrations and simple vocabulary, which is very simple, clear and easy to follow, encourage English language learners to become interested in growing, preparing and eating vegetables. Educators can implement a cooperative learning approach in the classroom by utilizing the recipe found in the back of the book for making one's own vegetable soup.

Online Resources:

<http://peabody.yale.edu/sites/default/files/documents/education/World%20of%20Plants%20Grade%202%20DRAFT.pdf>

<http://www.dshs.state.tx.us/kids/lessonplans/vegsoup.shtm>

REACH. INSPIRE. CONNECT.



The Booklist Project

A Project of the
M.Ed. In TESL Program,



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