



# Inside a Seed!



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Printed in the U.S.A.

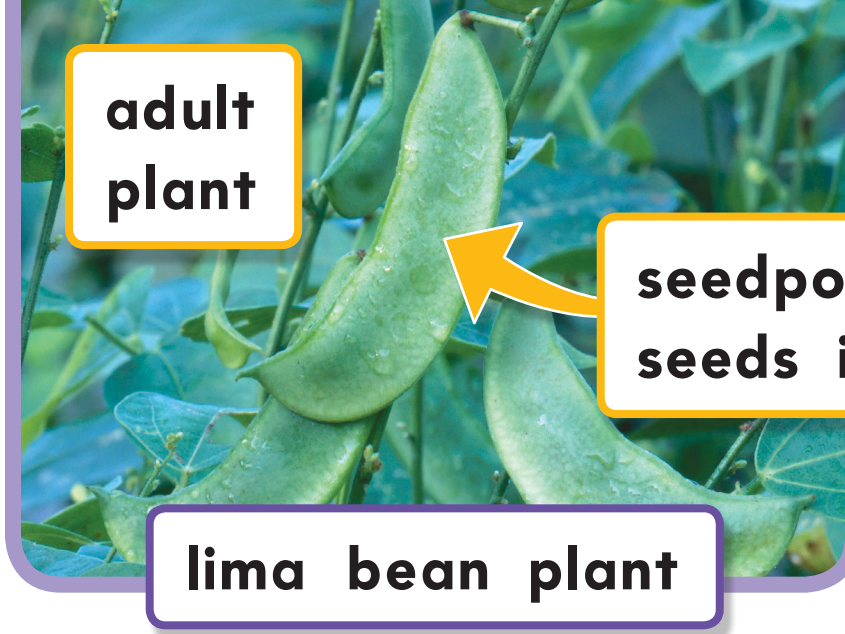
ISBN: 978-0-544-07207-7

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**adult  
plant**

**seedpod with  
seeds inside**

**lima bean plant**

Plants have a life cycle.  
Many plants grow from seeds.  
They grow to be adult plants.



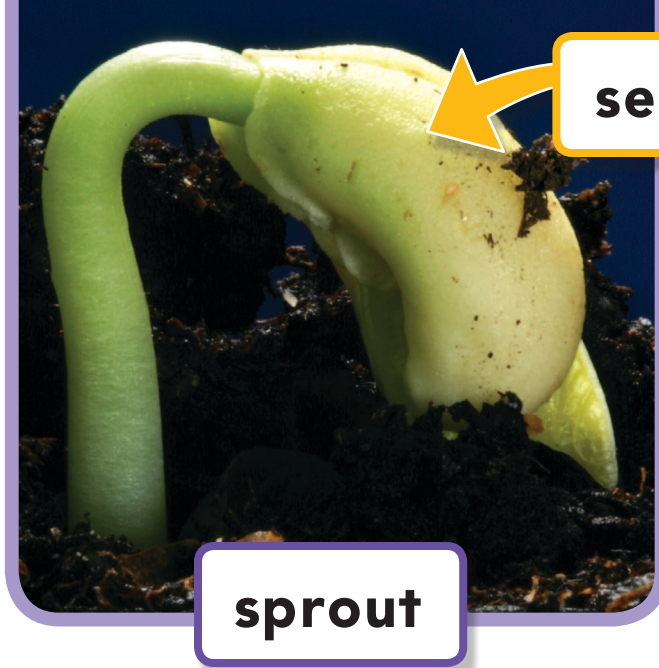


**lima bean**

**food**

A bean is a seed.

If you open the seedpod, you can see the beans.



**seed coat**

**sprout**



**roots**

The seed coat opens.  
It gets light, air, and water.  
It has space to grow.



**leaf**

**stem**

**soil**

Leaves grow on the stem.  
The stem grows taller.





**adult plant**

**flower**

The plant keeps growing.  
It becomes an adult plant.  
It has seedpods with seeds inside.



**seed pod**

The adult plant makes seeds.

The seeds may grow new plants.

The new plants will look like their parent plant.



# Responding

## Observe a Life Cycle

Plant a fast-growing, flowering plant, such as a marigold. Observe the plant as it changes from a seed to an adult plant. Draw pictures to show the different stages in the plant's life cycle, including seed, seedling, and flower. Have children discuss why a plant looks like its parent plant.

## Identify Plant Parts

Look at a picture of a flowering plant in a book or magazine. Use self-stick notes to label the plant's parts. Work with a partner to use resources in your classroom and/or library to learn how the plant uses its parts. Write sentences about what you learned. Ask your teacher for help as needed.

## Vocabulary

adult plant	seed coat
air	seedpod
flower	seeds
leaf	soil
life cycle	space to grow
light	sprout
roots	stem



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