

Science: Plant Life Cycle

1st & 2nd Grade
Print & Digital

A Plant's Life Cycle



By: _____

Date: _____

Life Cycle



Magi
CORE

What is Included?

Google Slides
Versions

Video Resource List,
Guide, and Worksheets

2 Flip Flap Activities

2 Labs

Student Book

Vocabulary
Cards

Quiz

Name: _____ Date: _____

How Does a Seed Grow?

Objective: To understand the life cycle of a plant.

Materials: pinto or kidney beans, wet paper towel, plastic bag, hand lens

Procedure:


1. Wet a paper towel so it is damp.
2. Put 4 seeds on the towel and place the towel in the bag.
3. Seal the bag and tape it to a window.
4. Observe the seeds every other day and record observations.


Hypothesis: What do you think will happen to the seeds over time?


One Day: Nothing will change after 1 day.

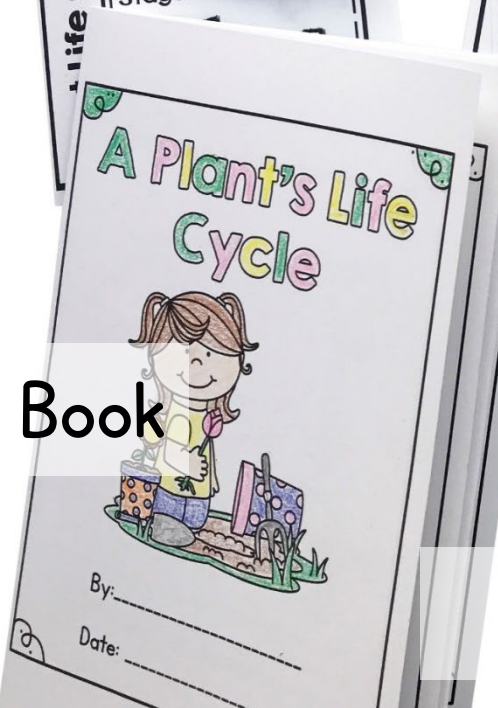
3 Days: The seed will begin to sprout.

7 Weeks: The seed will turn into a seedling.

Sketch 

Sketch 

Sketch 



All About the Plant Life Cycle

Table of Contents

1. Teacher Page: video resources & video comprehension worksheets (4 pgs)
2. Brainstorming Blocks (1 pg.)
3. Vocabulary Cards (life cycle, seed, seedling, adult)
4. A Plant's Life Cycle book (10 pgs.)
5. Plant Foldable Activities (4 pgs.)
6. How Does a Seed Grow? Exploration Lab (3 pgs.)
7. How Does Air Affect Seed Growth? Exploration Lab (3 pgs.)
8. Quiz (1 pg.)

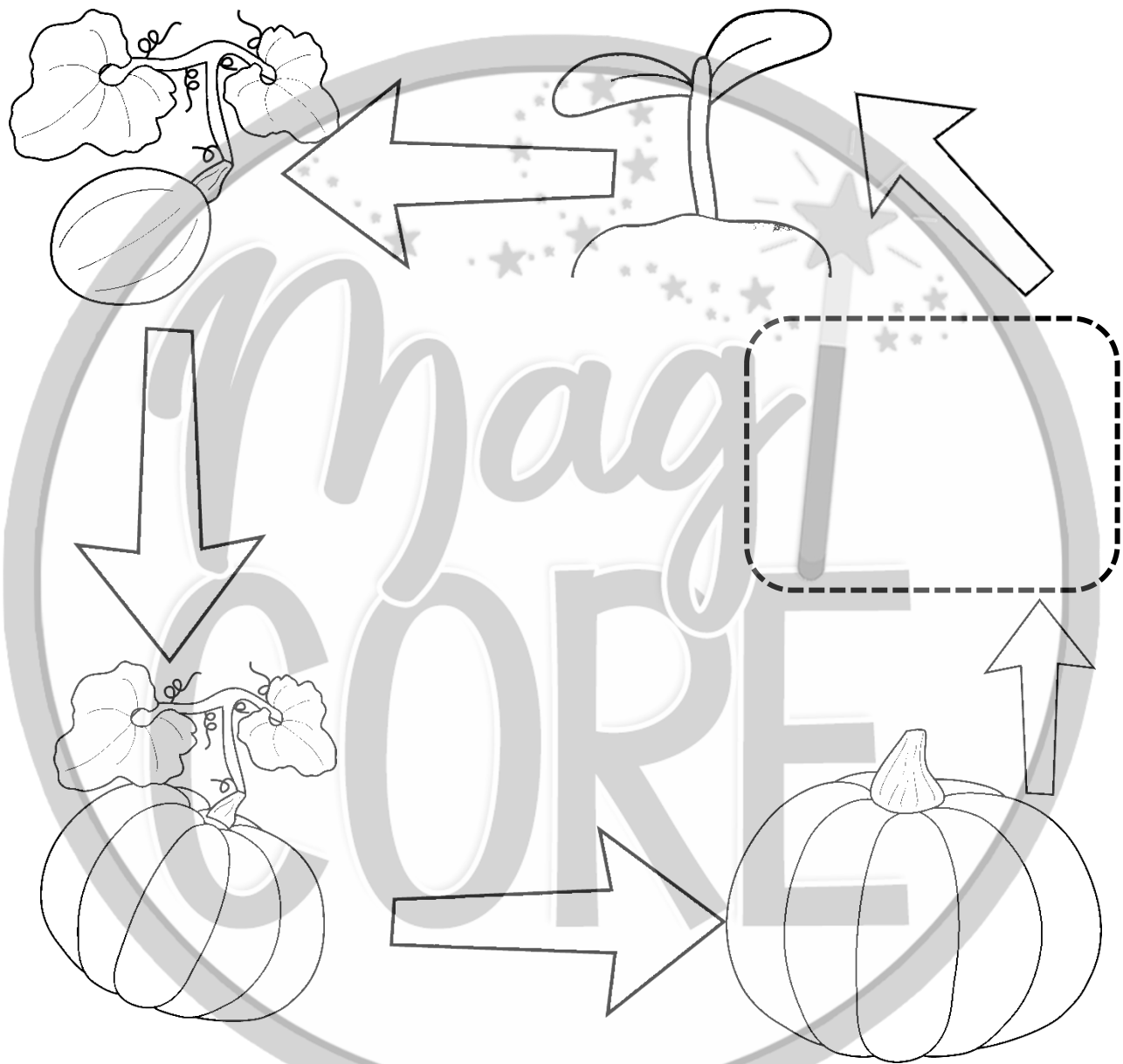
A Plant's Life Cycle



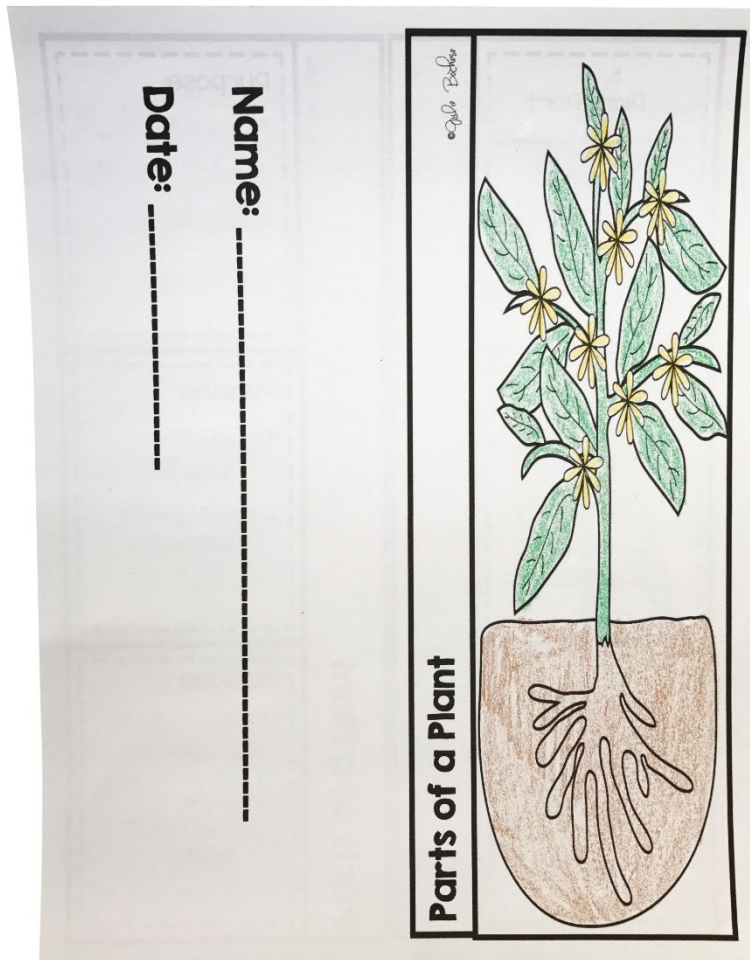
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Draw the missing stage in the Pumpkin life cycle:

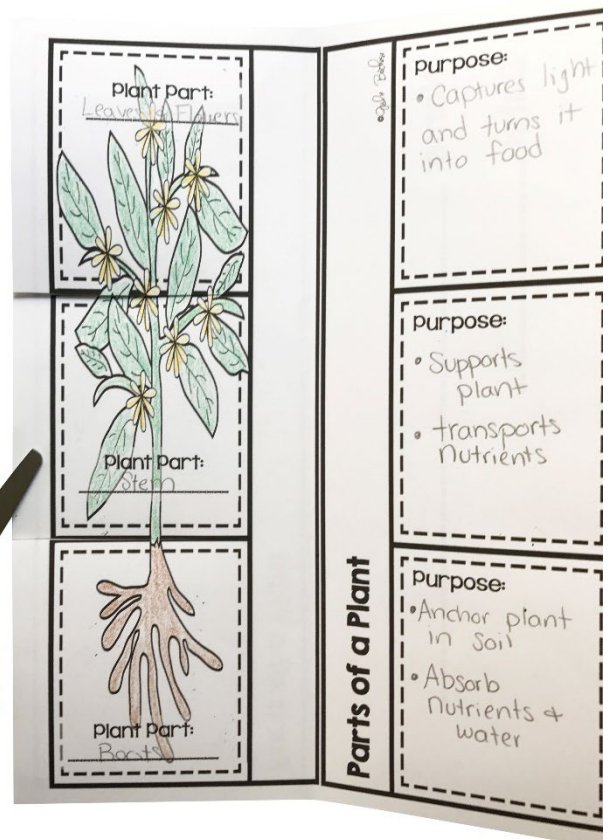


The way living things grow and change is called a _____. Every living thing has a life cycle. Even plants have a life cycle!



FLIP FLAP ACTIVITY DIRECTIONS

1. Print pages 2-sided.
2. Fold paper in half.
3. Cut the page with the plant parts along the solid black lines.
4. Fill in facts and color.



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Hypothesis: What do you think will happen to the seeds over time?

One Day: _____

Sketch

____ Days: _____

Sketch

____ Weeks: _____

Sketch

Collect Data: Observe the bean seeds every other day.
Record your observations below:

Date	Observations

Interpret Data: Write sentences explaining the data you collected.



Two horizontal dashed lines for writing.



Two horizontal dashed lines for writing.



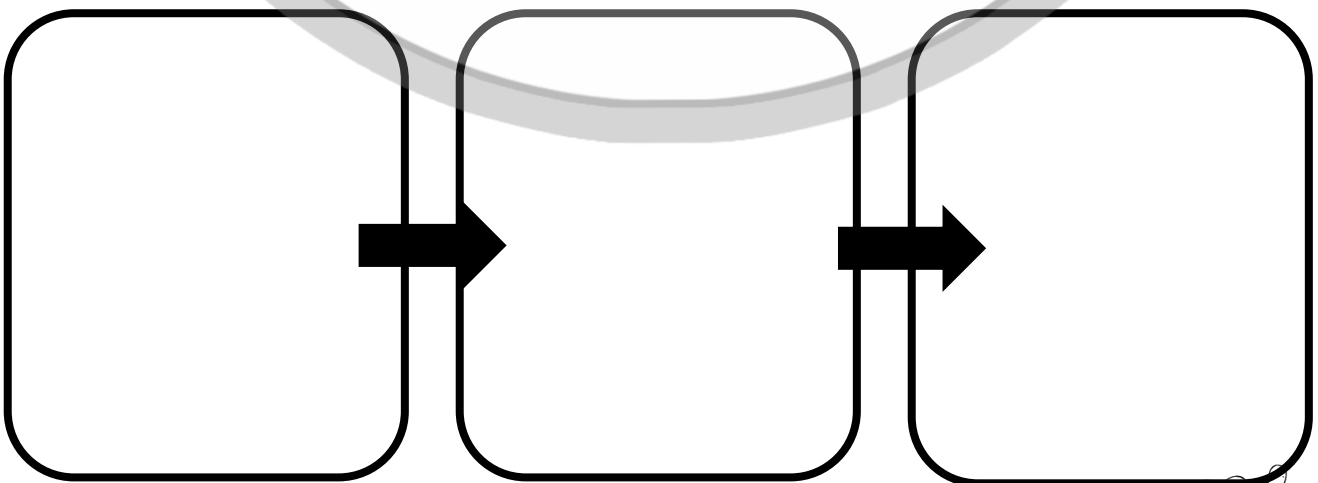
Two horizontal dashed lines for writing.

Drawing Conclusions:

My hypothesis was _____ (correct/ incorrect). I discovered... (What did you learn about a plant's life cycle?)

Reflections: What questions do you have? What do you wonder? Would you like to change anything in this experiment?

Draw a picture of the stages your bean plant went through:



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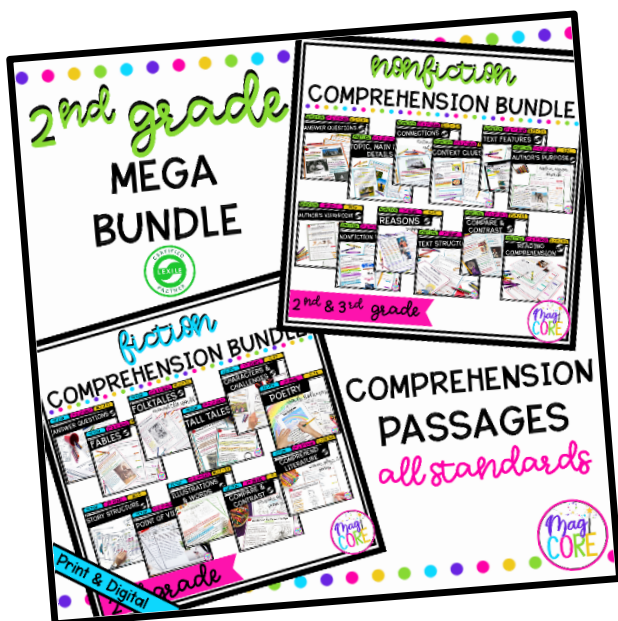


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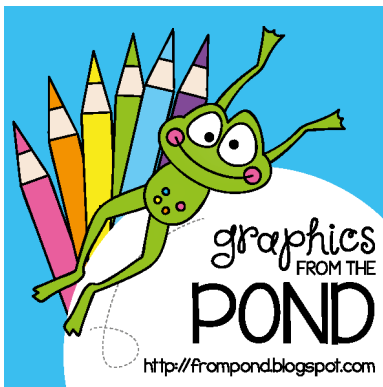
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