

LESSON PLAN

Subject: Grade 3 Science

Lesson: Life in the Garden

Standard Addressed: Summarize the distinct stages of the life cycle of seed plants. (NC.3.L.2.3)

Objective:

- Students will be able to use information about a plant's life cycle to sequence and label the stages of development for a seed.

Materials Needed:

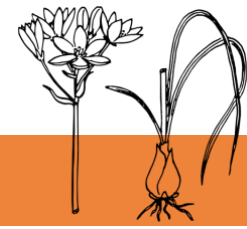
- Device for showing *Life in the Garden* video
- "Life in the Garden" activity sheet
- Garden Plants Research Materials
- Clay

Outline:

- Prior to this lesson, students should know the basic parts of a plant (roots, stems, leaves, flowers). Students should also know that plants create seeds in order to reproduce.
- Show the 10-minute video, *Life in the Garden* (<https://youtu.be/E99QkwWwWil>).
- Discuss the activity prompt.
- Students finish the activity independently or with a partner.

Take It Further: Students chose a garden plant to research how long it takes for it to grow from seed to the point of producing its own seeds.

Cross-Curriculum Connection: Students view the "Claymation" video found at <https://www.youtube.com/watch?v=dJjNh2pMSB8> to watch a seed grow into a flowering plant. Students then use clay to represent one of the stages in a plant's life cycle.



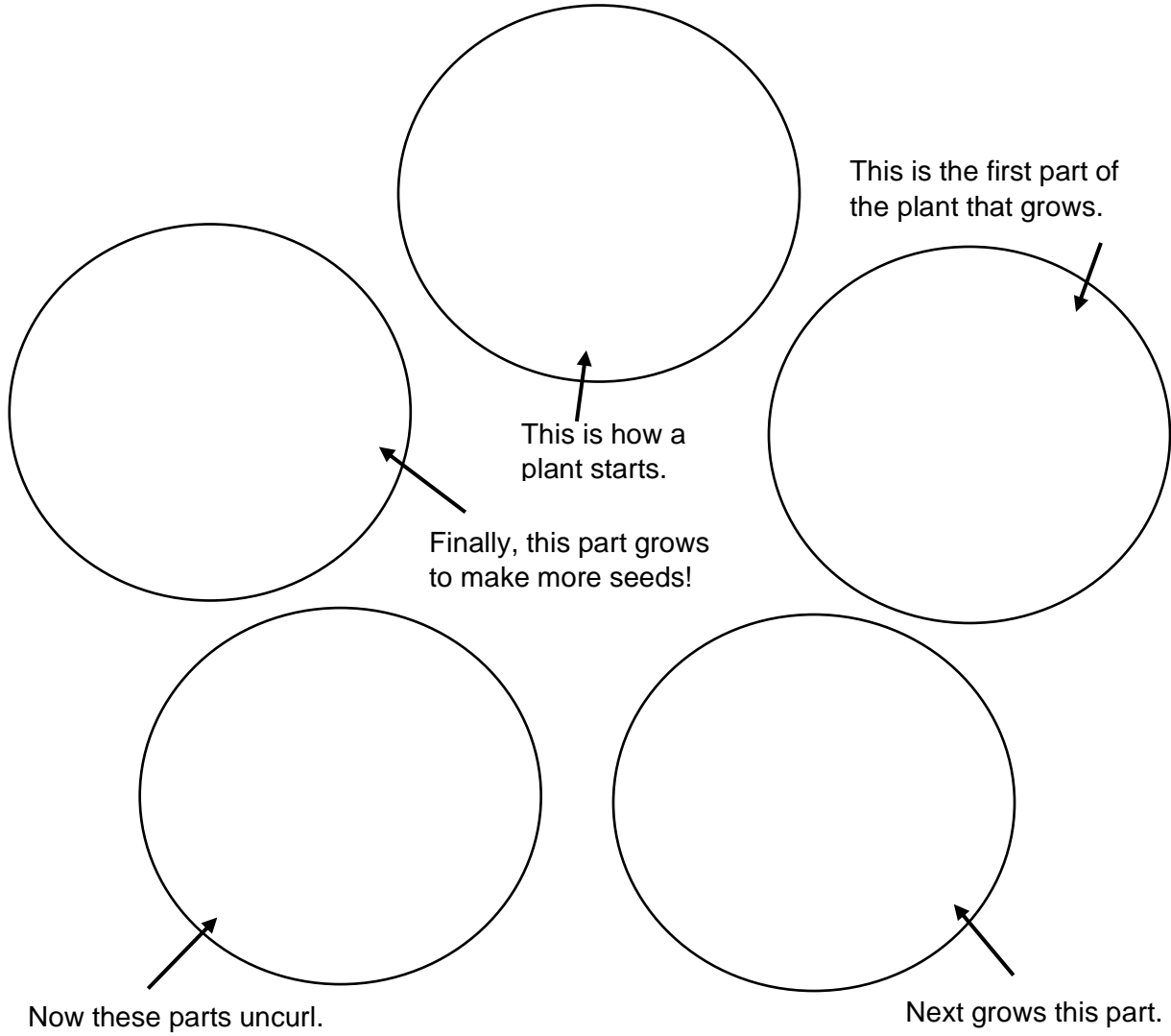
LIFE IN THE GARDEN

Grade 3 Science

Student Name: _____ Date: _____

There are many different types of seeds that are planted in the gardens at Old Salem. Use the words in the word bank to help you draw pictures representing each stage a seed goes through in its life cycle. Label your pictures with the words from the word bank.

WORD BANK: **FLOWER** **LEAVES** **ROOTS** **STEM** **SEED**



This is the first part of the plant that grows.

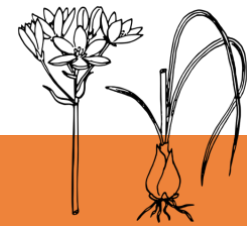
This is how a plant starts.

Finally, this part grows to make more seeds!

Now these parts uncurl.

Next grows this part.

BONUS: Draw a star by your picture that shows where germination has occurred.



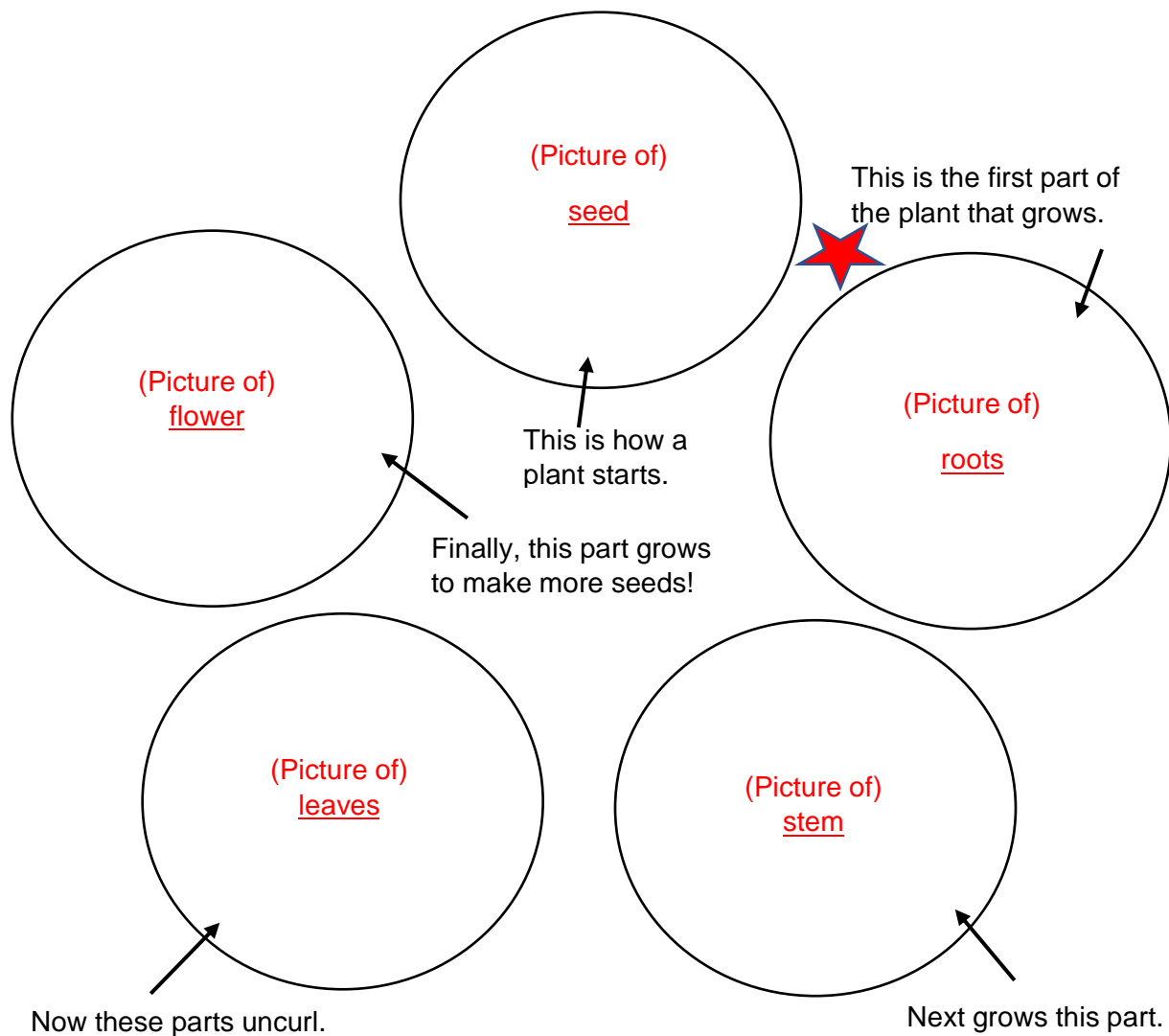
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Answer Key

There are many different types of seeds that are planted in the gardens at Old Salem. Use the words in the word bank to help you draw pictures representing each stage a seed goes through in its life cycle. Label your pictures with the words from the word bank.

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