

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 Cycle of a Seed" activity

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 video.
- Discuss the activity prompt.
- Students finish the activity independently or with a partner.

Take It Further: Students chose a specific 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 CYCLE OF A SEED

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.

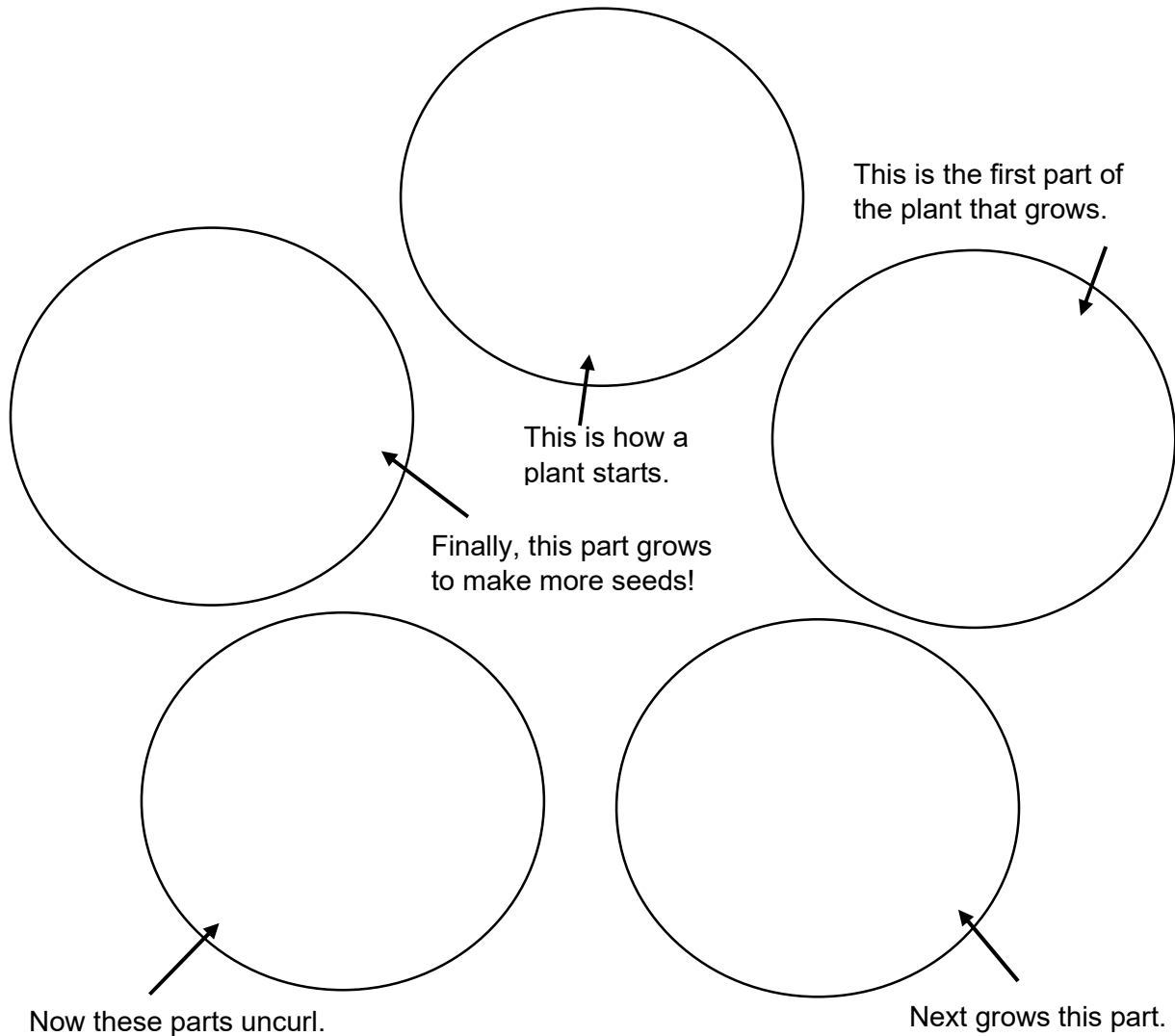
FLOWER

LEAVES

ROOTS

STEM

SEED



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



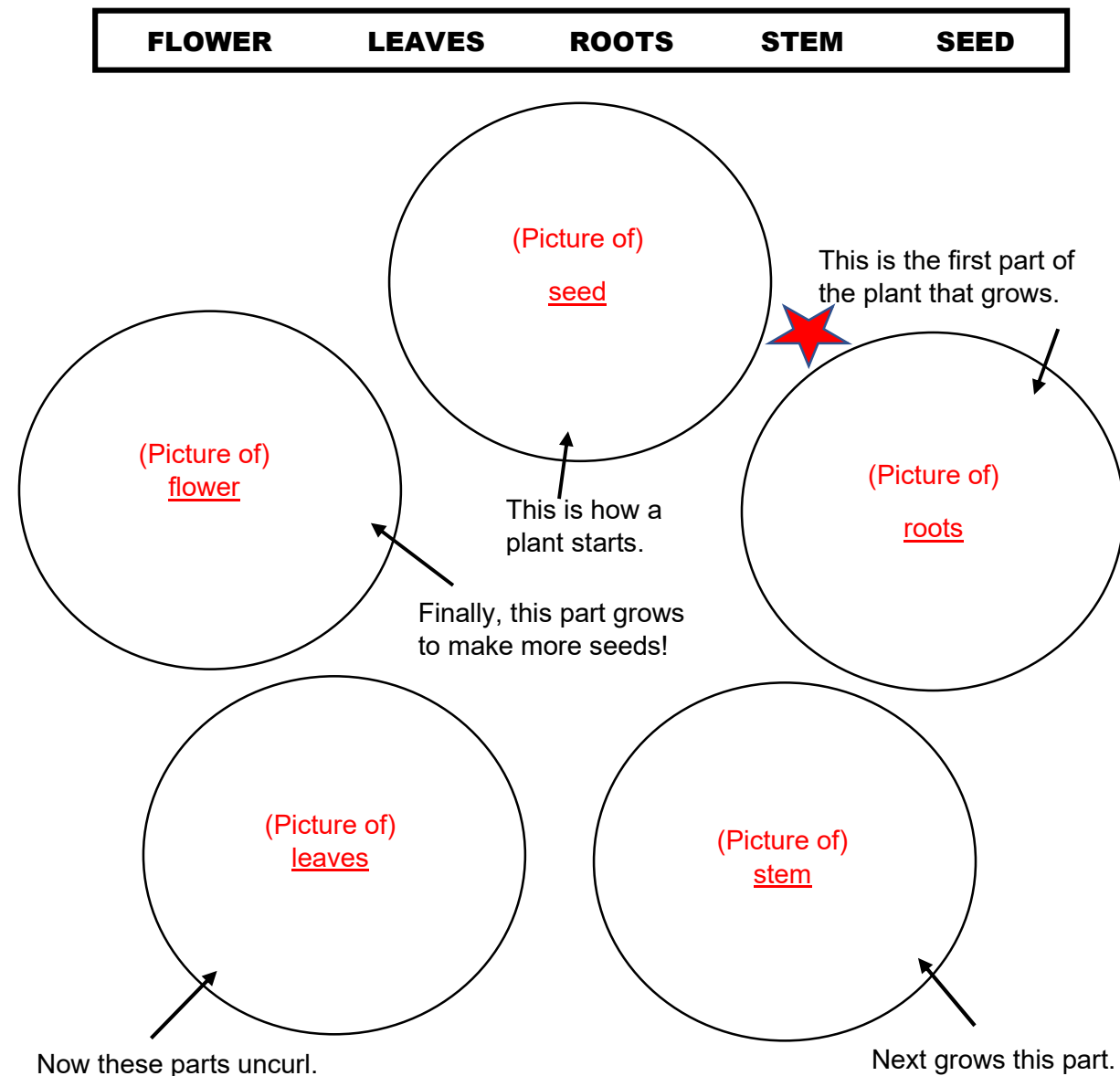
LIFE CYCLE OF A SEED

Grade 3 Science

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.



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

