

Seed to Seed

Build the cycle, then track a growing seed.

S2L1.b "Plan and carry out an investigation of the life cycle of a plant by growing a plant from a seed and by recording changes over a period of time."

NAME _____

DATE _____

1 LABEL THE MODEL _____ Word bank below

Write one word-bank process in each numbered box. Then grow a seed in a cup and use the completed model to record your plant's stage and height each day.

WORD BANK

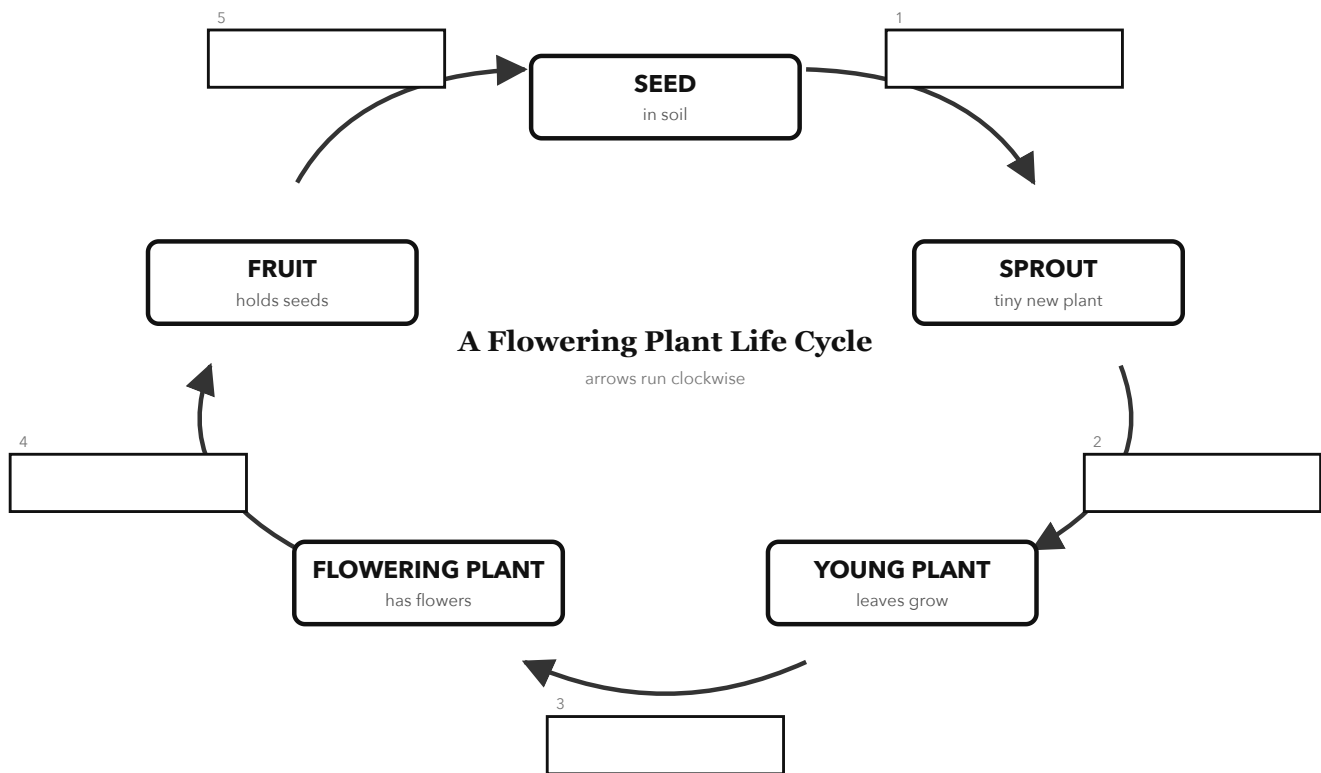
flowers form fruit

grows taller

makes flowers

seeds land in soil

sprouts



2 RUN THE MODEL Use your finished diagram

1 Which word-bank process takes a SEED to a SPROUT?

2 Plan your daily record chart. Write these headings: Date and Plant Stage. What third heading can you add to measure a change?

3 Your plant has flowers. Which stage should you look for next?

3 CHECK IT Before you turn it in

☐ I wrote one process in each box.

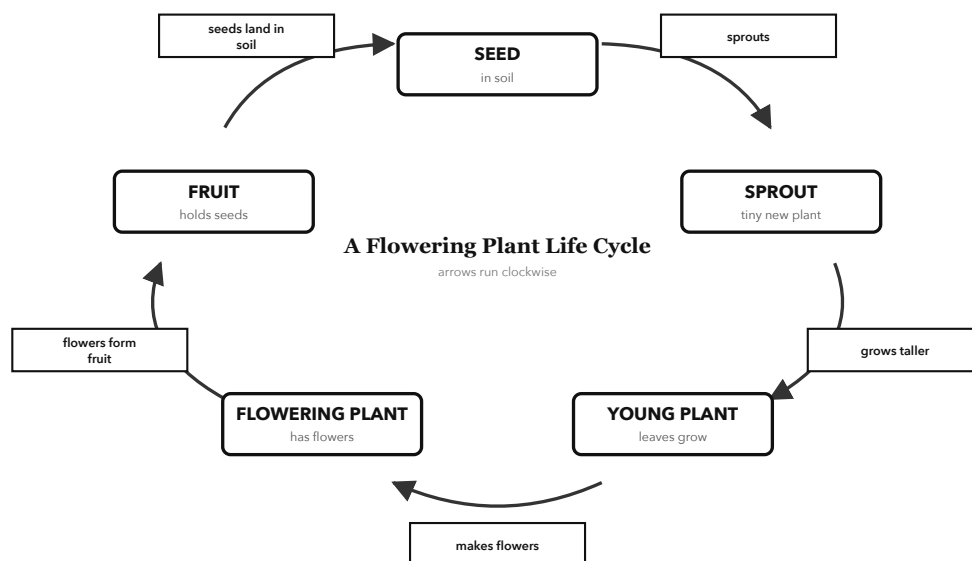
☐ I planted a seed.

☐ I recorded my plant's changes.

TEST THE MODEL

Finish the sentence: "This model leaves out ____." Think about things that can change how a real plant grows.

PART 1 • COMPLETED MODEL



PART 2 • RUN THE MODEL

1. **sprouts** (Which word-bank process takes a SEED to a SPROUT?)
2. **Plant Height** (Plan your daily record chart. Write these headings: Date and Plant Stage. What third heading can you add to measure a change?)
3. **FRUIT** (Your plant has flowers. Which stage should you look for next?)

TEST THE MODEL (SAMPLE ANSWERS)

- This model leaves out how much water the plant gets.
- This model leaves out that some seeds do not sprout.

Accept the processes only in the cycle order shown. Daily records should include a date, the plant stage or a drawing, and plant height when the plant can be measured.