

Season Response Loop

A tree and bird through the seasons

SC.3.L.17.1 "Describe how animals and plants respond to changing seasons."

NAME _____

DATE _____

1 LABEL THE MODEL _____ Word bank below

Read the stages around the loop. Write one process from the word bank in each numbered box.

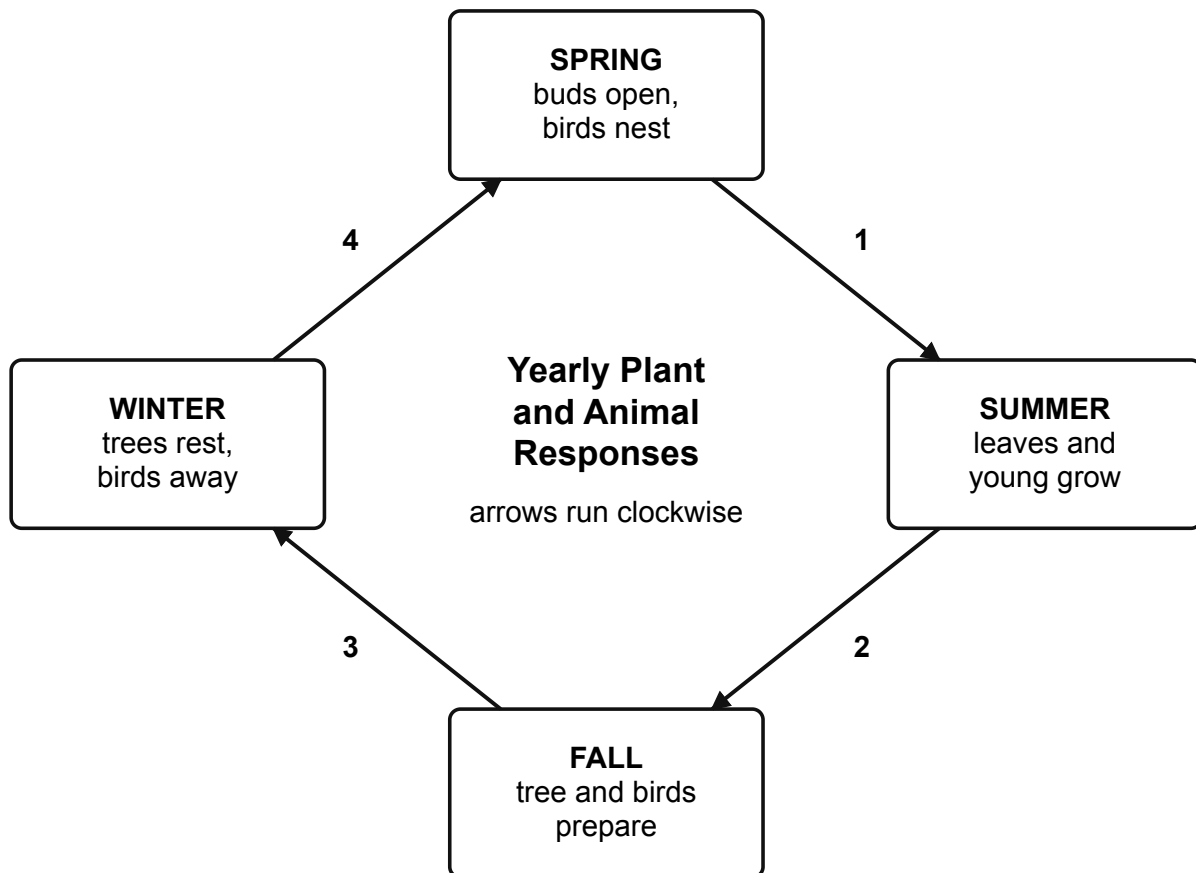
WORD BANK

drop leaves and migrate

grow in warm weather

prepare for winter

return and grow again



Arrow numbers match the response boxes on the next student section.

Label the arrows

Use the word bank to write the process for each numbered arrow.

Arrow 1

Arrow 2

Arrow 3

Arrow 4

2 RUN THE MODEL _____ Use your finished diagram

1 Which process moves the model from SUMMER to FALL?

2 After the tree rests and birds are away, which process happens next?

3 How does the model show a difference between fall and winter?



CHECK IT

Before you turn it in

☐ I used each word-bank process once.

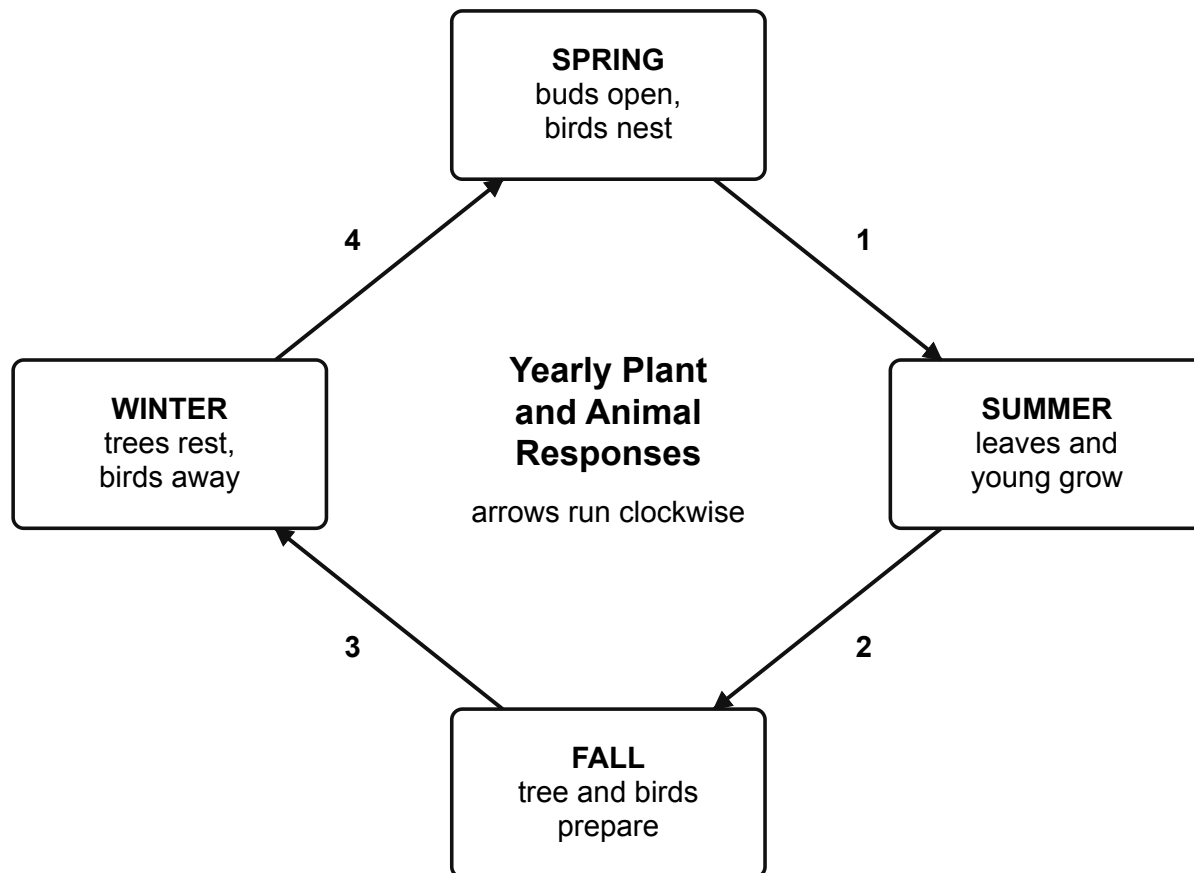
☐ I matched each process to its arrow.

☐ I followed the loop all the way around.

TEST THE MODEL

What is one way a real plant or animal might respond differently than this model shows?

PART 1 • COMPLETED MODEL

**Arrow 1**

grow in warm weather

Arrow 2

prepare for winter

Arrow 3

drop leaves and migrate

Arrow 4

return and grow again

PART 2 • RUN THE MODEL

1. **prepare for winter** (Which process moves the model from SUMMER to FALL?)
2. **return and grow again** (After the tree rests and birds are away, which process happens next?)
3. **In fall, the tree and birds prepare. In winter, trees rest and birds are away.** (How does the model show a difference between fall and winter?)

TEST THE MODEL (SAMPLE ANSWERS)

- Some birds stay in the same place all winter.
- Some trees keep their leaves in winter.

Correct arrow order is: grow in warm weather, prepare for winter, drop leaves and migrate, return and grow again. This model shows one deciduous tree and one migratory bird, so accept other accurate seasonal responses as limits.