

Investigating Decompositio n



Ready Your Notebook Page!

Open the Science Notebook document and get ready to record your observations!

When you're ready, move on to the next slide to watch the time-lapse video.

Name:

Date:

Session 4 Investigation Decomposition Time Lapse

Directions: Watch the time lapse video of a watermelon decomposing provided in the Google Slides. As you watch the video, take notes and record what you observed and make a prediction on what you think is happening.

When you are done, continue on to Page 2 and respond to the reflection questions for the article reading, *Recycling the Dead*.

Why does the watermelon seem to shrink and get smaller as time goes on?

As the watermelon is being broken down, where does the watermelon go?

Did you see any evidence of decomposers present in the video? If so, what type of decomposer is present?

What do you predict is happening?





Ready Your Notebook Page!

Open the scientific article, *Recycling the Dead*, and start reading! As you read, respond to the reflection questions in your Science Notebook.

Link to the *Recycling the Dead* article:

<https://crystalcove.org/wp-content/uploads/2020/05/PCC-Session-4-Recycling-the-Dead.pdf>

Session 4 Investigation *Recycling the Dead* article reading

Directions: Read through the article titled, *Recycling the Dead* to get a better understanding of what you observed in the time lapse video of the watermelon. Use the science notebook page or another piece of paper to use what you have learned through the time lapse video and the reading to draw a model of what happened to the watermelon as it decomposed.

Afterwards, relate your findings back to Moro Canyon. Based on what you saw with the watermelon, make a prediction on what you think will happen to our mulch as it decomposes.

Using what you have learned through the time lapse video and the reading, explain what you think is happening to the watermelon. Draw a model showing what happened to the watermelon as it decomposed.

What do you think will happen to our mulch in Moro Canyon as it starts to decompose?

What happened to the watermelon?

Can you use what you learned from the reading to explain what you observed in the decomposing watermelon time lapse video?

In your *Decomposition Time Lapse* Science Notebook page (or on another piece of paper), draw a model showing what happened to the watermelon as it decomposed. Consider the following questions:

- What happened as the mold began to break down the watermelon?
- Where did the disappearing watermelon go?

