

# The Fossil Track Mystery

Name \_\_\_\_\_ Hour \_\_\_\_\_

Fossil footprints were recently uncovered near Utah's National Monument. Anthropologists worked with excitement over the course of three days uncovering more footprints everyday. Can you help them figure out the fossil track mystery?

Day 1:

Brainstorm with your group to solve the mystery of day one. Record at least 4 **observations** below that you make about the fossil footprints under the correct category. Include observations from each category.

Qualitative Observations	Quantitative Observations
1	1
2	2
3	3
4	4

Discuss the footprint mystery with your group. Make four **inferences** about what could have happened during day one.

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

Day 2:

Brainstorm with your group to solve the mystery of day two. Record at least 4 **observations** below that you make about the fossil footprints under the correct category. Include observations from each category.

Qualitative Observations	Quantitative Observations
1	1
2	2
3	3
4	4

Discuss the footprint mystery with your group. Make four inferences about what could have happened during day two.

1. \_\_\_\_\_  
\_\_\_\_\_
2. \_\_\_\_\_  
\_\_\_\_\_
3. \_\_\_\_\_  
\_\_\_\_\_
4. \_\_\_\_\_  
\_\_\_\_\_

Day 3:

Brainstorm with your group to solve the mystery of day three. Record at least 4 **observations** below that you make about the fossil footprints under the correct category. Include observations from each category.

Day 3 continued:

Qualitative Observations	Quantitative Observations
1	1
2	2
3	3
4	4

Discuss the footprint mystery with your group. Make four inferences about what could have happened during day three.

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

Individual summary:

On your own, write a paragraph (4 to 6 sentences) summarizing your findings of the fossil track mystery. Cite two observations that give evidence to support your findings. Attach notebook paper if you run out of room to complete your summary here.

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