

WHAT DO THE ARTIFACTS FROM RANGE CREEK TELL US ABOUT THE PEOPLE WHO LIVED THERE?

Research Assistant Notebook

Student Name	
Date	
Teacher	

ACKNOWLEDGEMENT

Before you begin we want to acknowledge the point of view presented in this investigation. The place you will be studying and the objects found there are presented to you here through one lens, the field of archaeology. This method of studying a place and the objects of the people who lived there is one used by scientists to understand the past. Still, it is important to recognize this is just one way in which we can learn about this place and the people who call this place home. The descendants of these people have extensive knowledge of these places and their ancestors through stories, beliefs, traditions, and customs that have been passed down from generation to generation.

PERMIT REQUIRED BEFORE YOU BEGIN

Before beginning any archaeological study a **permit** is required. In fact, the work that brought forth the artifacts you will study today were collected under a series of permits that guide research in Range Creek Canyon. Archaeologists had to identify the area they wanted to study, describe the process and methods they would use, and agree to follow strict preservation regulations.

Please take the following pledge to show you understand the importance of protecting archaeological sites and reporting them if you discover one.

I AGREE TO RESPECT AND PROTECT ARCHAEOLOGICAL RESOURCES.

NAME (print)

SIGNATURE

DATE

--	--	--

SECTION 1: WARM-UP

Steps 1-2

Your Task: Examine how archaeologists excavate a site to collect data.

Step 2) **DISCUSSION:** Reflect on these questions with your research team or on your own.

1. What surprised you most about the excavation process?
2. Why do you think detailed note-taking is so important to archaeological data collection?

SECTION 2: SITE SURVEY

Steps 3-7

Your Task: Use your understanding of the archaeological process to develop a research question to guide your investigation.

Step 4) **DEVELOP A RESEARCH QUESTION**

1. What do you want to know about how the Fremont of Range Creek lived? Select a question from the list or develop your own question that can guide your research for our main question, "What do the artifacts from Range Creek tell us about the people who lived there?"

SECTION 2: SITE SURVEY (Cont.)

Steps 3-7

Your Task: Make detailed observations about each Range Creek site. Think about which one will help you answer your research questions.

Step 5) **DESCRIBE & COMPARE:** With your research team or on your own, evaluate each of the sites at Range Creek to determine which site can offer the most useful information to help you answer your research questions.

YOUR RESEARCH QUESTION:	
-------------------------	--

RANGE CREEK OVERVIEW

ELEVATION	LIST KEY FEATURES		

RANGE CREEK SITES

	SITE 1 Residential Village	SITE 2 Storage Area	SITE 3 Rock Shelter	SITE 4 Artifact Scatter
KEY FEATURES: Setting, landscape, environment, etc.				
WHAT WAS THIS SITE USED FOR?				
WHAT TYPES OF ARTIFACTS ARE FOUND HERE?				

REFLECT & DISCUSS: Reflect and discuss with your research team what you can learn from each of these sites.

Do you need to revise your research question? Which site will help you the most with your research question?

Record which site you will study and why in the box below.

SECTION 3: GATHER

Steps 8-9

Your Task: Analyze artifacts from your site and gather expert input to further your research.

STEP 9) **OBSERVE:** Use this graphic organizer to list your artifacts, your observations and the information you gather from archaeology experts. Take careful notes.

ARTIFACT OBSERVATION CHART

SITE:			
ARTIFACT FS#	KEY FEATURES	WHAT IS IT MADE FROM?	WHAT IS IT USED FOR?
SOURCE (EXPERT)			
SOURCE (EXPERT)			
SOURCE (EXPERT)			

*Use copies of the Artifact Observation Chart at the end of your RAN if you are studying more than three artifacts.

SECTION 4: ANALYZE

Steps 10-12

Your Task: Analyze the various activities your artifacts were used for and gather expert input to further your research.

STEP 11) **VISUALIZE:** Download the completed PDF graph from the website or use this graphic organizer to create a bar graph showing the activities your artifact(s) were used for. Create a bar graph of your data by putting an 'X' in each square for each artifact that was used for these activities. You'll use this evidence later when you communicate your findings.

GRAPHING ARTIFACTS ACTIVITY

SITE NAME:													
FARMING													
HUNTING/TOOL-MAKING													
COLLECTING													
STORING/ CACHING													
PREPARING FOOD													
TRAVELING/TRADING													
SEWING/WEAVING/MAKING													
ORNAMENTATION/DECORATING													
BUILDING													

ANALYZE: Use your bar graph to think about the following questions.

1. What patterns do you notice in the graph?
 - a. Which activity categories have more evidence?
 - b. Which activity categories don't have any evidence?
2. How does this information help you answer your research questions?

MY NOTES (things I want to remember):

STEP 12) **EXAMINE:** Use the expert videos to learn about archaeological research taking place at Range Creek and what experts know about the activities that took place there. *Take notes here with information you want to remember.*

ACTIVITY CATEGORIES	(Optional) RESEARCH METHOD(S) USED: <small>(circle or highlight all that apply)</small>	WHAT DOES THIS TELL YOU ABOUT HOW THEY SPENT THEIR TIME AND USED THEIR SKILLS AND KNOWLEDGE?
FARMING	Archaeology Ethnography Experimental	
HUNTING/TOOL-MAKING	Archaeology Ethnography Experimental	
COLLECTING	Archaeology Ethnography Experimental	
STORING/ CACHING	Archaeology Ethnography Experimental	
PREPARING FOOD	Archaeology Ethnography Experimental	
TRAVELING/TRADING	Archaeology Ethnography Experimental	
SEWING/WEAVING/ MAKING	Archaeology Ethnography Experimental	
ORNAMENTATION/ DECORATING	Archaeology Ethnography Experimental	
BUILDING	Archaeology Ethnography Experimental	

(Optional) **DATA COLLECTION: HOW DO THESE EXPERTS KNOW WHAT THEY KNOW?** Reflect on the research methods and how those methods provide more data to inform your research questions. Discuss this with your research team and record ideas you want to remember.

--	--	--

SECTION 5: INTERPRET

Steps 13-14

Your Task: Using your research, develop an evidence-based explanation of what daily life was like for the Fremont people of Range Creek.

STEP 14) **SYNTHESIZE:** Organize your ideas and evidence. You'll use these notes to communicate your findings.

Take notes here or download your PDF from the website.

<p>YOUR RESEARCH QUESTION:</p>	
<p>WHAT I KNOW: The artifacts at Range Creek tell me the Fremont people who used these artifacts: <small>(List the activities that relate to your research question.)</small></p>	<p>The people who lived in Range Creek participated in [insert activities that help answer your research question].</p> <p>I know this because the [list artifacts] provide me with evidence of these activities.</p>
<p>HOW I KNOW: Because the Fremont people engaged in these activities I know: <small>(Explain how these activities and evidence tell you about Fremont people.)</small></p>	<p>[Artifact 1] provides [strong, weak, or disconfirming] evidence of [name activity(ies) and [describe what that tells you about the people].</p> <p>[Artifact 2] provides [strong, weak, or disconfirming] evidence of [name activity(ies) and [describe what that tells you about the people].</p> <p>[Artifact 3] provides [strong, weak, or disconfirming] evidence of [name activity(ies) and [describe what that tells you about the people].</p>

SECTION 6: COMMUNICATE

Steps 15-18

Your Task: Using your research, develop an evidence-based explanation for daily life in Range Creek.

STEP 16) ARCHAEOLOGICAL REPORT: Use what you've learned to complete an archaeological report of your findings. Be sure to include answers to the following questions. You can write this report on your own or use one of the templates on Step 16 of the investigation.

- What is Range Creek?
- When did the Fremont people live there?
- What types of areas (sites) did they live and work?

- What kinds of things did they make?
- What kinds of activities did they engage in?
- What do those artifacts and activities tell us about the Fremont people who lived in Range Cree

Notes & Workspace:

EXTENSION ACTIVITY

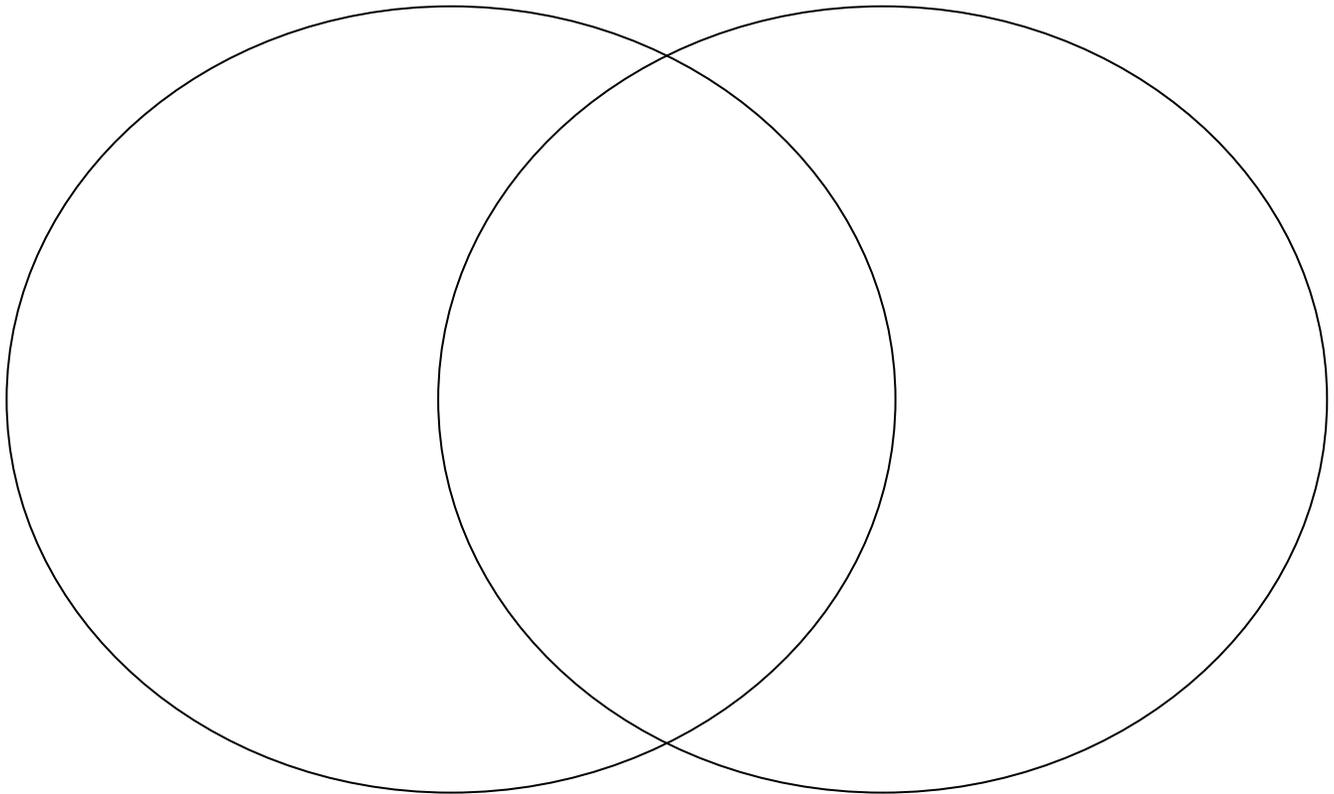
STEP 18) **COMPARE:** Use the Venn-Diagram to compare your life to the lives of the Fremont people who lived in Range Creek.

Take notes here or download your PDF from the website.

How does your life compare to those who lived in Range Creek?

Your Daily Life

Daily Life at Range Creek



SUMMARIZE: Why do you think there are similarities between your life and the Fremont people who lived in Range Creek?

Additional Page for Step 9 Notes

ARTIFACT OBSERVATION CHART

SITE:			
ARTIFACT FS#	KEY FEATURES	WHAT IS IT MADE FROM?	WHAT IS IT USED FOR?
SOURCE (EXPERT)			
SOURCE (EXPERT)			
SOURCE (EXPERT)			