



Name: _____

Date: _____

WASHAKIE MUSEUM & CULTURAL CENTER

High School Scavenger Hunt

This scavenger hunt consists of 35 questions addressing the two permanent galleries of the museum. They follow the basic layout of the museum, and each section is labeled with the room and display area.

The Ancient Basin

Room 1

1. What makes the Big Horn Basin's climate so good for fossil and artifact preservation?

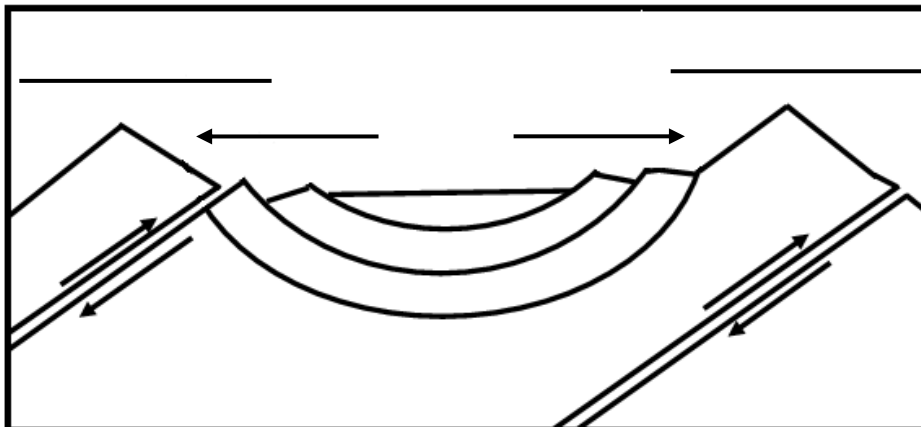
2. Who was the first paleontologist to reach the Big Horn Basin?

3. Why do you think so many more scientists from back east came to the Big Horn Basin as opposed to local scientists?

4. How large is the Big Horn Basin?

Width _____ Length _____ Surface Area _____

5. On the diagram below, label the arrows with relative age from oldest to youngest and the mountain ranges. Bonus if you identify the rock layers as well.



6. Why does the basin have this shape?

7. What happens to the Wind River once it enters the Big Horn Basin?

8. Use the pull-out drawers to find the ammonite and the nautilus. List some similarities and differences.

Similarities

Differences

1. _____

1. _____

2. _____

2. _____

Room 2

Morrison Formation

9. Which two nearly complete dinosaur skeletons were found at the Howe Quarry

Species: _____

Nicknames: _____

10. Howe Quarry Statistics

Paleontologist	First Year Excavated	Number of Dinosaurs	Number of Bones

Meeteetse Formation

11. How old are the fossils of the Meeteetse Formation? How were they preserved?

12. How did paleontologists get the partial Hadrosaur skeleton back to the lab for study?

Sundance Formation

13. Find the dinosaur footprints. Why was this discovery so unexpected?

14. Trackway Statistics

Year Discovered	Site Name	# of Trackways	Speed

Cloverly Formation

15. How did John Ostrom change the view of dinosaurs in the 1960s?

16. What are some differences between the depictions of dinosaurs in the past vs. modern ones?

Ft. Union and Willwood Formations

17. What does PETM stand for?

P— _____
E— _____
T— _____
M— _____

18. When did the PETM take place and how long did it last?

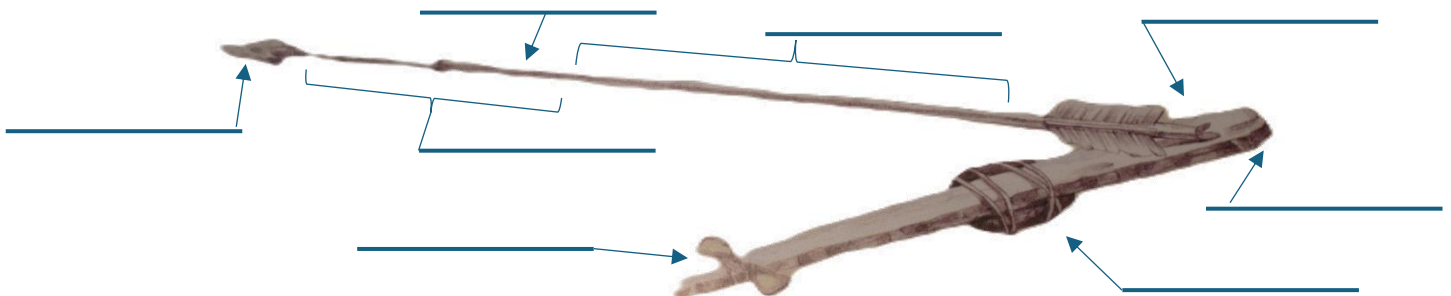
19. What was so significant about the PETM?

Room 3

20. What does it mean to be a hunter-gatherer?

21. Why do you think that Mammoths disappeared? (Write out your thoughts first, then read the two scientists' opinions.) Do their ideas change yours? If so, how?

22. Label the parts of the weapon used by Paleoindians across every continent including the Big Horn Basin.



23. Find the modern bison with a hole in its skull. Why does the skull have a hole in it?

A Good Place to Live

24. What happened around 9,000 years ago and what did Paleoindians do to cope?

Sheltered Through Time

25. Fill out the chart below from the 5 wall displays at the back of the museum (select one item in each display and briefly describe its use):

	Ochre/Shell/Stone	Plant Fiber	Wood	Hide/Hair/Sinew	Bone/Horn/Antler
Item					
Use					

What is Archaeology?

26. List some similarities and differences between Archaeology and Paleontology

Out of the Weather

27. List the five types of dwellings for Paleoindians found in the Big Horn Basin

1. _____
2. _____
3. _____
4. _____
5. _____

The Last West

For this part of the Scavenger Hunt, keep to the left and follow the displays in order from oldest to youngest.

1. Why did it take until the late 1800s for white settlers to move into the Big Horn Basin?

1. _____
2. _____
3. _____
4. Bonus: _____

2. Who were the “Cattle Kings”?

Life in the Saddle

3. How many cowpunchers did it take to brand a calf and what were their jobs?

1886-1887

4. What was the Maverick Law?

1890s

5. Why did sheep herding take off in the 1890s?

1900s

6. What is a “dugout”?

1905

7. What 3 events helped transform the Big Horn Basin in the early 1900s and how did they interconnect?

1. _____
2. _____
3. _____

8. Worland won the bid for the railroad, but what odd catch uprooted the whole town?
