

Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

# \* ANCIENT \* ASTRONOMY \*

## Activity 1 – The Ancients Saw Whaaa?

Look at the 4 different ancient structures. Each is found on a different areas separated by an ocean or sea.

	What shape is the structure?	What is it made of?	Does it look large or small?"
Salisbury, Engand (Stonehenge)			
Nabta, Africa (Nabta Playa)			
Lovell, Wyoming (The Medicine Wheel)			
Gosek Germany (Gosek-Henge)			

## Analysis Questions

- Looking at the data table above, what pattern(s) do you notice (ccc)?
- All of these are old. Why do you THINK there are so many similarities with the structures? (this is an inference or best guess with the key word "THINK")

Crazy enough, each of the **structures** were created to **function** (notice the ccc) in a way that helped each of the ancient cultures. Our ancient ancestors had AMAZING observation skills. Modern technology, such as cell phones, telescopes, cameras, etc., was not around 9,000 years ago. Our ancient ancestors actually walked outside at night and studied the night and day sky and used the patterns to create structures to keep track of time. They MEMORIZED the motions of the sun, moon and 5 known planets (yup, there are more we will get to that later) and noticed repeating cycles (patterns). This was no easy task, as it took generations to refine and perfect.



**Activity 2 – What Did They Notice?**

The classroom red textbook of knowledge is full of valuable information to help you with this next part. Use pages **482** and **483** to complete the data table below.

Word	What does it mean?
Calendar	
Year	
Month	
Day	
Leap Year	

**Activity 3 – What Did They Know**

Continue using the textbook of knowledge (red textbook) to discover what each ancient culture observed or what they could explain better than other cultures during that time. Use **pages 484 and 485** to obtain the amazing information.

Ancient Culture	What did they observe? What could they do? What did they know?
The Babylonians	
Ancient Chinese	
Ancient Greeks	
Native Americans	
Ancient Arabs	