Name: _____

DATA LOG

Cycle: _____

Location: _____

(should stay the same for each observation)

	Observation #1	**Observation #2**	**Observation #3**	**Observation #4**	**Observation #5**	**Observation #6**
Date						
Time (note AM or PM)						
Observations as *Qualitative Data* What do you see, smell, or touch? What physical properties do you notice? Be specific: notice color, shape, texture, size, etc. Be consistent with what you observe each time.						
Measurements or *Quantitative Data* Find a scientific way, which may be inventive, to measure the changes you observe. This can be as simple as marking the level of the tide on a stick in the sand, or tracing the shape of the moon through its phases but use numbers/units.						

	Observation #7	Observation #8	Observation #9	Observation #10	Analysis	Conclusion
Date					Whap pattern or trends do you notice?	What can you conclude about your analysis of this cycle?
Time (note AM or PM)						ON A SEPARATE SHEET OF PAPER, CONCLUDE ABOUT THE PATERNS AND TRENDS YOU HAVE OBSERVED. ATTACH THE SEPARATE SHEET TO THIS LOG. WHAT CAUSED THE PATTERNS AND TRENDS YOU RECOGNIZED? HOW DOES THE PASSAGE OF TIME AFFECT THE **SUBJECT YOU** ARE OBSERVING. ARE THERE ANY OTHER FACTORS THAT AFFECT YOUR SUBJECT? ERROR?
Observations as Qualitative Data What do you see, smell, or touch? What physical properties do you notice? Be specific: notice color, shape, texture, size, etc. Be consistent with what you observe each time.					HER ANALYZE THE PATTERN /TRENDS OBSERVED IN THE CYCLE.	
Measurements or Quantitative Data Find a scientific (inventive way) to measure the changes you observe. This can be as simple as marking the level of the tide on a stick in the sand, or tracing the shape of the moon through its phases but use numbers/units.						