



Tide pool Research Questions

Group/Name _____

1. **Prior Knowledge** - What do you know or what can you guess about tide pools?
2. **Observation** - What are 3 ingredients needed to form a tide pool?
3. **Check for understanding** - When is the best time to see tide pools? Explain.
4. **Research** - What causes the tides to change or how can we find out?
5. **Discuss/Collaborate** - How can sea animals survive the tides?
6. **Reasoning** - Why might plants live in the tide pools?
7. **Recalling & Research** - What is special about invertebrates? List some types of invertebrates that live in tide pools.
8. **Inquiry-based research** - Sea life in tide pools includes living (**biotic**) things such as _____ and non-living (**abiotic**) things such as _____.
9. **Writing for understanding and review** – Use 5-7 key words from your study to create a paragraph welcoming visitors to a tide pool. (Use true facts, with a fictional or actual tide pool name and location)
10. **Chart Reading & Analysis (Map & Tide Table)**
 - Which California State Park has tidepools near your school?
 - Tide Table: Find a tide table for today's tides.
 - List the location name, date, and times for high and low tides.
 - Compare the information with high and low tides for tomorrow.
 - Compare your findings with a partner or the class.