Video Worksheet The Endless Voyage, episode 16: "On the Coast" Name: \_\_\_\_\_

- 1. How much of the US population lives in coastal counties?
- 2. Human impact on coasts is generally \_\_\_\_\_
- 3. What is the fate of buildings on coastal bluffs in California?
- 4. Where is ocean productivity concentrated?
- 5. What processes shape a 'primary coast'?
- 6. A 'secondary coast' is more influenced by which processes?
- 7. List some examples of submergent coastlines:
- 8. What may be a predominant cause of a coastline to be emergent?
- Describe the differences between a high-energy coastline and a low-energy coastline:
- 10. When considering the tectonic environment, what two types of coastlines can be distinguished?
- 11. To combine classification systems, list the three processes that contribute to the elements of the coastline, and the time scale of each of their importance:
- 12. How do waves affect the shoreline?
- 13. What are the general characteristics of the passive tectonic environment of the coastline on the East Coast and Gulf Coast of the United States?
- 14. Describe barrier islands:
- 15. How is the California coast different from the East Coast? (be specific)
- 16. What are possible reactions to sea level rise impacting structures?
- 17. Which is most sensible solution?
- Coastal processes of hurricanes, tsunamis, erosion and sea-level rise cause the coastline to \_\_\_\_\_\_.
- 19. How effective is a 'grand plan' to limit coastal development?
- 20. Is there a 'happy medium' between natural processes and development?