**Unit 3: Coastal Zones**

1. What is a coastal zone?
2. Describe the three subsystems of the coastal zone.
3. Explain the difference between shoreline and coastline.
4. Describe what factors impact the shaping of a shoreline.
5. What is a Longshore current and how does it impact the coastline?
6. What is coastal erosion?
7. On what type of shore does erosion have the most impact? Why?
8. What are some features of an erosional shore?
9. What are some features of a depositional shore?
10. Describe how sand moves along a beach.
11. What are the four types of hard stabilization?
12. Describe how and why each type of hard stabilization is used.
13. What are the pressures on coastal zones?
14. What are the six priorities of the Government of Nova Scotia has toward the coast
15. How are we protecting our coasts?

**Unit 4: Fisheries and Aquaculture**

1. How do we classify our marine resources?
2. Describe the fishing industry in Nova Scotia.
3. What are the major types of commercial fisheries? Which is the biggest?
4. Describe the different types of fishing methods.
5. What net is the most devastating to the ocean floor?
6. What is by-catch?
7. Describe how technology has impacted the fishing industry.
8. What are some reasons for the declining fish populations?
9. What are the impacts of fishing on humans?
10. Describe the consequences of overfishing.
11. Explain what happened to cause the Northern Cod fishery collapse. Include what was done to prevent this and why it didn’t work.
12. What are the problems associated with predicting catch allotments?
13. What are some realistic solutions to overfishing?
14. What is aquaculture?
15. Describe the phases of aquaculture.
16. Describe the 3 systems of aquaculture.
17. How does water flow through each system (give advantages and disadvantages of each).
18. What are some positive aspects of aquaculture?
19. What are some negative aspects of aquaculture?
20. What are some strategies to help improve the aquaculture industry?