



Use your memory to fill in the spaces...If two or more words are used as the answer, no spaces are between words. Good Luck!☺

Across

1. A boat that was a part of a deep sea drilling program.
4. His Mare Liberum or Freedom of the High Seas insisted that no country lays claim to the seas.
5. A drilling ship that collected sea floor samples.
6. Drove his boat the *Fram* into the Artic and proved it is just ice.
8. Made a map in 140 that was used for 1000 years.
12. Used Toscanelli's map to discover the shape of the planet.
13. Prince and navigator, he schooled his captains for the good of the country.
15. His *bathybius* theory really turned out to be cleaning alcohol and sea water...not primordial ooze.
16. Captain who sailed with a chronometer and used vitamin C to prevent scurvy.
17. First to sail around the world (or at least his boats did!).
18. Portuguese captain who opened Indian trade routes via the sea – around the horn of Africa.
20. German boat that echosounded the deep sea to make maps.
24. First to use a compass.
25. A ten year study of the resources of the sea (abbreviation).
27. He accurately mapped the Gulf Stream.
28. His theory of evolution and natural selection are still controversial.
29. Sailed with stick charts that showed currents with curved bamboo and islands with shells.

Down

2. Accurately calculated the circumference of the Earth two thousand years ago!
3. Royal ship first assigned to study all of the ocean and created volumes of data. (Remember..ROYAL ship...)
7. Said the sea doesn't overflow and doesn't dry up.
9. Matthew F. who, as a U.S. Navy officer, wrote the first oceanography text.
10. Venerable - he predicted the tides for London 500 years into the future correctly.
11. His *AZOIC* theory said that no life was found in the deep ocean.
14. English pirate/explorer knighted by the queen.
15. Has a bay named for him in North America after he explored the area.
17. Sir John who mined phosphates and made a fortune so he could fund his own marine research.
19. First ocean sensing satellite.
21. Man who put echosounding data together in the form a map of the sea floor.
22. The year 1957-58 with a study of the geological world (abbreviation).
23. First to dominate the Mediterranean and sailed as far north as the British Isles for tin.
26. The area was extended to 200 nautical miles so countries had oil drilling and resource rights over a greater area!