

Theme 6: New  
Frontiers: Oceans  
and Space  
**THE  
ADVENTURES OF  
SOJOURNER**

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Key Vocabulary

1. analysis
2. engineers
3. interpreted
4. maneuvers
5. monitoring
6. navigation
7. rover
8. sensors
9. stereoscopic

Other Vocabulary

1. descent
2. belly-flop
3. painstaking
4. transmit
5. retracted
6. rehearsals
7. array
8. barnacles
9. 3-D
10. virtual reality
11. predicament
12. lasers
13. panorama
14. unforgiving
15. uncontaminated
16. perilous
17. auxiliary
18. tempered
19. bits

**LITTLE BROTHER,  
BIG IDEA**

1. aeronautics
2. inflatable
3. innovation
4. skeptical
5. intuition

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**FRANKLIN R.  
CHANG-DIAZ**

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Key Vocabulary

1. aeronautics
2. applicants
3. astronaut
4. demonstrated
5. laboratory
6. methodically
7. physics
8. qualifications
9. rocketry
10. simulate

Other Vocabulary

1. satellite
2. cosmonauts
3. income
4. scholarship
5. temporary
6. visa
7. plight
8. rectify
9. laid off
10. engineering
11. thermonuclear
12. fusion
13. dormant
14. soliciting
15. preliminary
16. visionary
17. avionics
18. integration
19. renovation

**BUILD AND  
LAUNCH A PAPER  
ROCKET**

1. efficient
2. uniform
3. delta

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and Space  
**BENEATH BLUE  
WATERS**

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Key Vocabulary

1. crustacean
2. gelatinous
3. menagerie
4. oceanographers
5. submersible
6. tentacles
7. undulates
8. unfathomable

Other Vocabulary

1. hydrothermal
2. mesopelagic
3. panoramic
4. prow
5. starboard
6. bioluminescence
7. sparse
8. tether

**SHARKS  
UNDER ICE**

1. frigid
2. insulated
3. cavernous
4. parasites
5. copepods
6. elusive
7. lubricant

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Space  
**OUT THERE**

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Key Vocabulary

1. abandoned
2. afterdeck
3. bulkhead
4. buoy
5. derelict
6. discount
7. inquiries
8. port side
9. visibility

Other Vocabulary

1. jetty
2. steerage way
3. knots
4. stern
5. cabin cruiser
6. galley
7. bow
8. cleat
9. berths
10. coroner
11. fore
12. aft
13. sergeant
14. Loch Ness  
Monster
15. render
16. deputy
17. charged
18. UFO's
19. contaminated
20. civilian
21. overboard
22. posted
23. Library of  
Congress
24. starboard
25. wheelhouse
26. incident
27. bridge
28. oceanographic
29. kraken
30. larvae
31. beam
32. harpooning

33. grizzled
34. wharf
35. scoff
36. laughingstock
37. trade journal
38. preliminary

**EXPLORING THE  
DEEP**

1. marine
2. grouper
3. trawlers
4. dredge
5. fertilizers
6. algae
7. aquatic