1st 8 Weeks Exam – Study Guide – Key

1. Always follow your teacher’s instructions and textbook instructions exactly
2. New evidence contradicts it
3. Testable
4. Variables
5. Manipulated variable
6. Record the data
7. Graph
8. Astronomy
9. Oceanography
10. Geology
11. Environmental science
12. Meteorology
13. Destructive
14. Model
15. Energy
16. Teacher
17. Safety
18. The Milky Way
19. The formation of the Solar system
20. A nebula
21. Speeds at which galaxies are moving
22. A large group of stars held together by gravity
23. Universe
24. How the universe was formed
25. All of the different types of electromagnetic waves
26. Gather and focus visible light
27. A mirror instead of an objective lens
28. The distance light travels in a year
29. Distance from Earth
30. Size, brightness, and temperature
31. Nuclear fusion starts
32. Mass
33. Spiral galaxy
34. Big bang
35. Planets revolve around the sun
36. Liquid water, suitable temperature range, and suitable atmosphere
37. Jupiter, Saturn, Uranus, Neptune
38. Kepler
39. Uranus
40. They are all fluid planets of liquid and gas
41. Carbon dioxide in the atmosphere traps the sun’s heat
42. It is the only planet in our solar system known to support life
43. The sun and the planets move in orbits around Earth
44. Ptolemy
45. The sun is at the center of the solar system
46. They both go through phases
47. Jupiter, Saturn, Uranus, Neptune
48. Mars
49. Temperature
50. Evening star
51. Planetesimals
52. It cannot support life
53. Uranus
54. Mars
55. Nuclear fusion
56. Earth
57. How much of the sunlight side of the moon faces Earth
58. The moon must be directly between Earth and the sun
59. Full moon
60. When the sun, Earth, and moon are nearly in a line
61. Craters
62. About one-fourth the diameter of Earth
63. A large object struck the Earth, and ejected material from the collision combined
64. Neither end of Earth’s axis is tilted toward or away from the sun
65. You never see the far side of the moon
66. First quarter and third quarter
67. Reaction force
68. The moon’s umbra only covers a small area on Earth’s surface
69. Gravity and inertia
70. Inertia
71. Gravity
72. The masses of the objects and the distance between them
73. No atmosphere
74. Only within the moon’s umbra
75. Umbra
76. The launch of Sputnik 1
77. The United States and The Soviet Union
78. Can be used many times to carry astronauts into orbit
79. Earth’s rotation on its axis
80. Velocity
81. Yuri Gagarin
82. Alan Shepherd