

TABLE OF CONTENTS

Matter and Energy	1-50
5.6A	1-20
1. Physical Properties	
2. Substance Comparison	
3. Mass	
4. Magnetism and Conductors	
5. Density	
6. States of Matter	
7. Volume of a Liquid	
8. Volume of a Solid	
9. Solubility	
10. Conductors and Insulators	
5.6B	21-30
11. Mixtures	
12. Separating Substances	
13. Separation Sequence	
14. Change or Not	
15. Maintaining Mixtures	
5.6C	31-40
16. Solutions	
17. Solutions Are Mixtures	
18. Combining Substances	
19. Solutions Change	
20. Baking Solutions	

5.6D	41-50
21. Matter Exists	
22. State of Particles	
23. Particle Solutions	
24. Interdependence	
25. Particles Matter	
Force, Motion, and Energy	51-100
5.7A	51-60
26. Forces	
27. Equal and Unequal	
28. Movement	
29. Direction	
30. Which Way?	
5.7B	61-70
31. Effects of Force	
32. Friction Investigation	
33. Investigating Force	
34. Design Challenge	
35. Forceful Launch	
5.8A	71-80
36. Energy Transformation	
37. Generating Electricity	
38. Boilers	
39. Boiling Water	
40. Airplanes	
5.8B	81-90
41. Complete Circuit Characteristics	
42. Electrical Energy	
43. Transforming Energy	

- 44. Energy Evidence
- 45. Energy Hot Spots

5.8C **91-100**

- 46. Light Behavior
- 47. Light Actions
- 48. Shadows
- 49. Light Scenarios
- 50. Light Statements

Earth and Space **101-150**

5.9 **101-110**

- 51. Describing Rotation
- 52. Effects of Earth's Rotation
- 53. Changing Shadow
- 54. Rotation Scenarios
- 55. Rotation Observations

5.10A **111-120**

- 56. Water Cycle and Weather
- 57. Sequencing Events
- 58. Sun and Ocean Interactions
- 59. Weather and Water Cycle Statements
- 60. Affecting Weather

5.10B **121-130**

- 61. Model Investigation
- 62. Fossil Fuel Formation
- 63. Formation Descriptions
- 64. Building a Model
- 65. Finding Fossil Fuels

5.10C	131-140
66. Deltas	
67. Land Formation	
68. Valley	
69. Sand Dunes	
70. Processes and Agents	
5.11	141-150
71. STEM Recycling	
72. A Series of Events	
73. Plastic Bags	
74. Solving Problems with EDP	
75. Environmental Solutions	
Organisms and Environments	151-200
5.12A	151-160
76. Organism Observations	
77. Factor Interactions	
78. Biotic vs. Abiotic Interactions	
79. Lions	
80. Building a Terrarium	
5.12B	161-170
81. Algae Growth	
82. Burmese Pythons	
83. Human Impact	
84. Food Web What Ifs	
85. Hours of Energy	
5.12C	171-180
86. Beneficial vs. Harmful	
87. Wildfire Effects	
88. Flooding Effects	

- 89. Urban Prairies
- 90. Deforestation Effects

5.13A **181-190**

- 91. Water Life
- 92. Desert Biome
- 93. Structures
- 94. Structures and Functions
- 95. Bird Characteristics

5.13B **191-200**

- 96. Squirrel Behaviors
- 97. Human Behaviors
- 98. Instinctual vs. Learned Behaviors
- 99. Wasps
- 100. Tiger Sharks