

## Chemistry MEA Answer Key

- 1.
2. D
- 3.
4. D
5. D, SOLID, LIQUID
6. A
7. C
8. B
9. B
10. B
11. A
12. C
- 13.
14. B
15. A
16. D
17. D
18. A
19. D
20. A
21. C
22. D
23. B
24. D
25. A
26. C
27. B
28. C
29. A
30. B
31. C, P, C, P, C, P, P, P, P
32.  $D = M/V$  A- S, B-S, C-F, D-F
33. Evaporation, molecules escape from surface
34. C
- 35.
36. 80 deg C thermal expansion

## Earth MEA Answer Key

1. A
2. D
3. A
4. C
5. B
6. C
7. A
8. C
9. D
10. B
11. D
12. B
13. D
14. C
15. C
16. D
17. D
18. C
19. C
20. A
21. B
22. D
23. D
24. A
25. D
26. D
27. B
28. B
29. B
30. D
31. B
32. A
33. A
34. C
35. B
36. C
37. D
38. B
39. D
40. C
41. A
42. B
43. A
44. A
45. A
46. C
47. A
48. D
- 49.
50. A. erosion/sedimentation/decomposition  
B. different organic matter, different original rocks, different weathering patterns
51. b
52. b- SW
53. A
- 54.
- 55.
56. C
57. B
- 58.
59. D
60. A
- 61.
- 62.
63. Spiral, disk
- 64.
65. asteroid, volcano, massive flooding
- 66.
67. Site 2- trapped by clay

## Physics MEA Answer Key

1. A
2. C
3. B
4. B
5. B
6. A
7. B
8. B
9. B
10. B
11. C
12. B
13. A
14. B
15. D
16. B
17. C
18. D
19. A
20. C
21. C
22. B
23. C
24. C
25. A
26. A
27. B
28. B
29. NEWTON
30. D
31. C
32. C
33. D
34. liquid and gas
35. 5 m/s
36. A. light and sound are both waves B. sound needs medium, light you can see, light is faster
37. rest/ in motion - where your seatbelt!
38. friction, force, wind, air resistance, elastic PE
39. A- PE 1st Law, B/C- KE and acceleration 2nd Law, D - deceleration and 3rd Law
40. 1) Student 1 2) none 3) move to the left
41. A. L - 0.5km/min M- 0 km/min  
N- 1 km/min P- 0.5 km/min  
B. 0.6 km/mi C. stop light
42. D

Life MEA Answer Key

1. C
2. D
3. A
4. A
5. A
6. A
7. D
8. D
9. B
10. B
11. D
12. C
13. A
14. C
15. A
16. D
17. C
18. B
19. B
20. B
21. C
22. D
23. A
24. D
25. C
26. B
27. D?
28. B
29. D
30. B
31. A
32. D
33. C
34. B
35. D
36. D
37. A
38. Revolution/orbit and rotation
39. A?
40. D
41. A
42. C
43. B
44. B
45. A
46. B
47. D
48. Oxygen
49. asexual
50. Mammal
51. loss of food, loss of habitat, parasitism
52. B
53. A
- 54.
55. B
56. A
57. B
58. D
59. D
60. C
61. D
62. D
63. B
64. D
65. D
66. B
67. C
68. C
69. D
70. A
71. C
72. A
73. A
74. A
75. During
76. Place both in the same exact setting:  
maintain same light, same height to window.  
Use two of the same species. Use more than  
two test plants, use many plants, especially  
to give acid to to do more comparisons
93. C
94. D