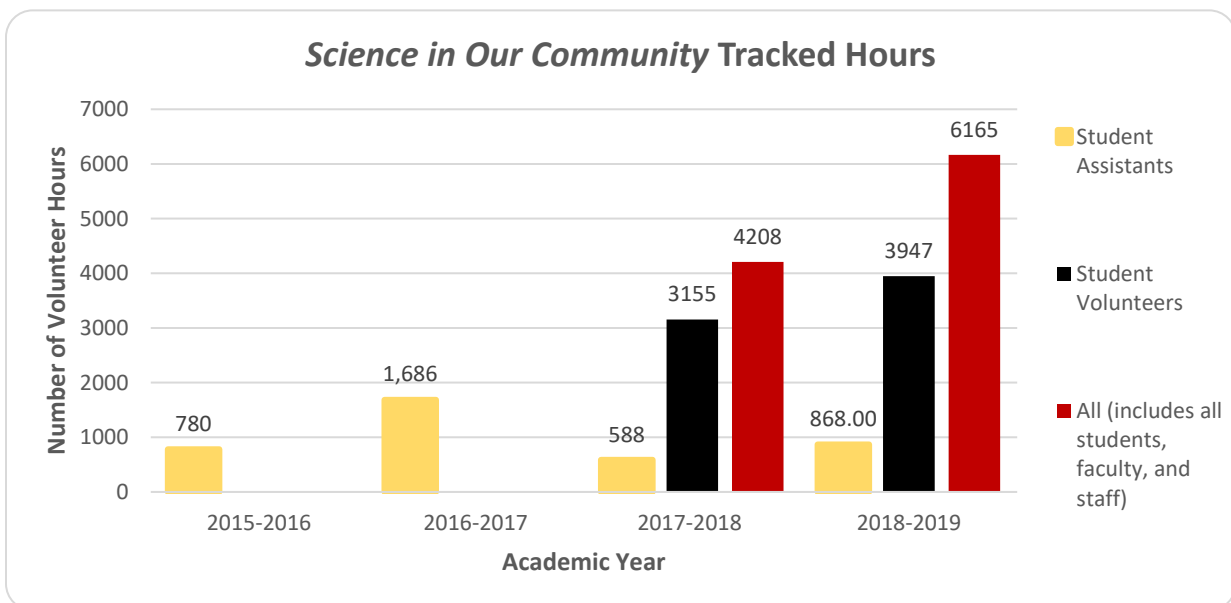
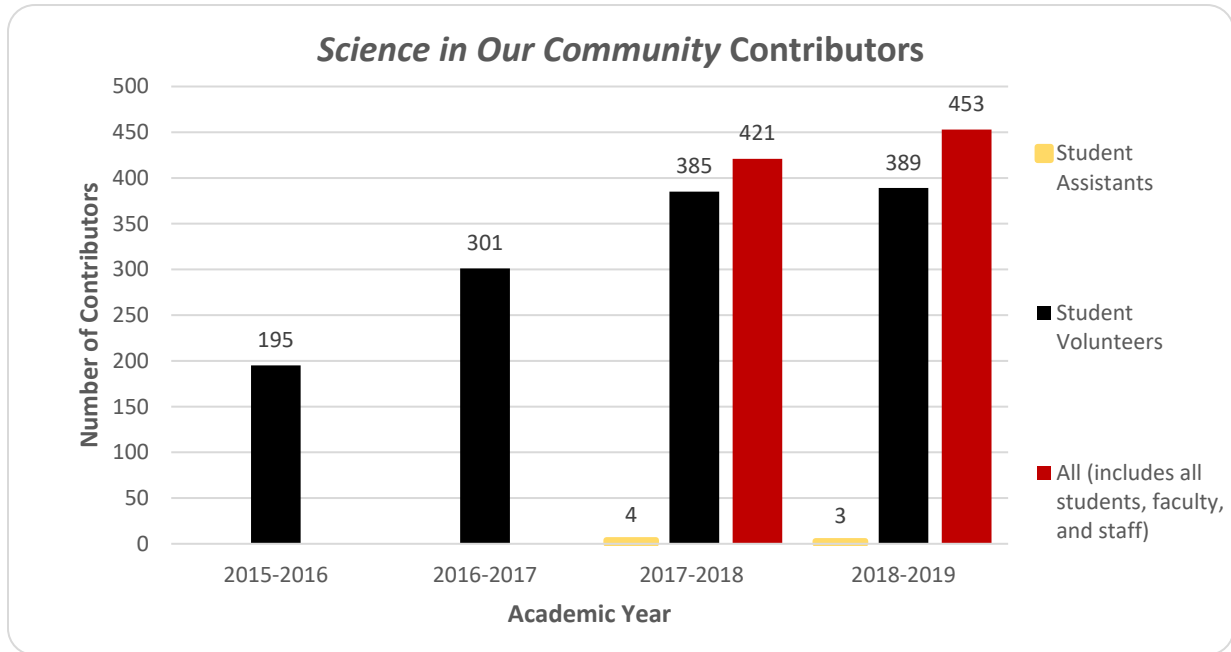


SCIENCE IN OUR COMMUNITY

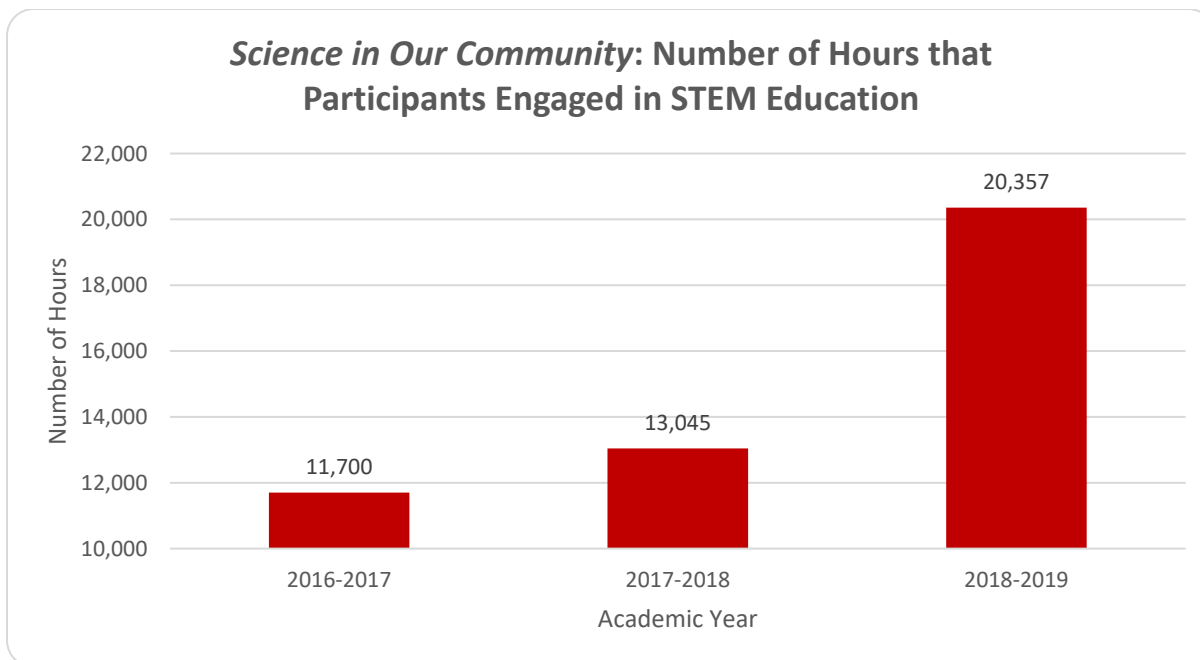
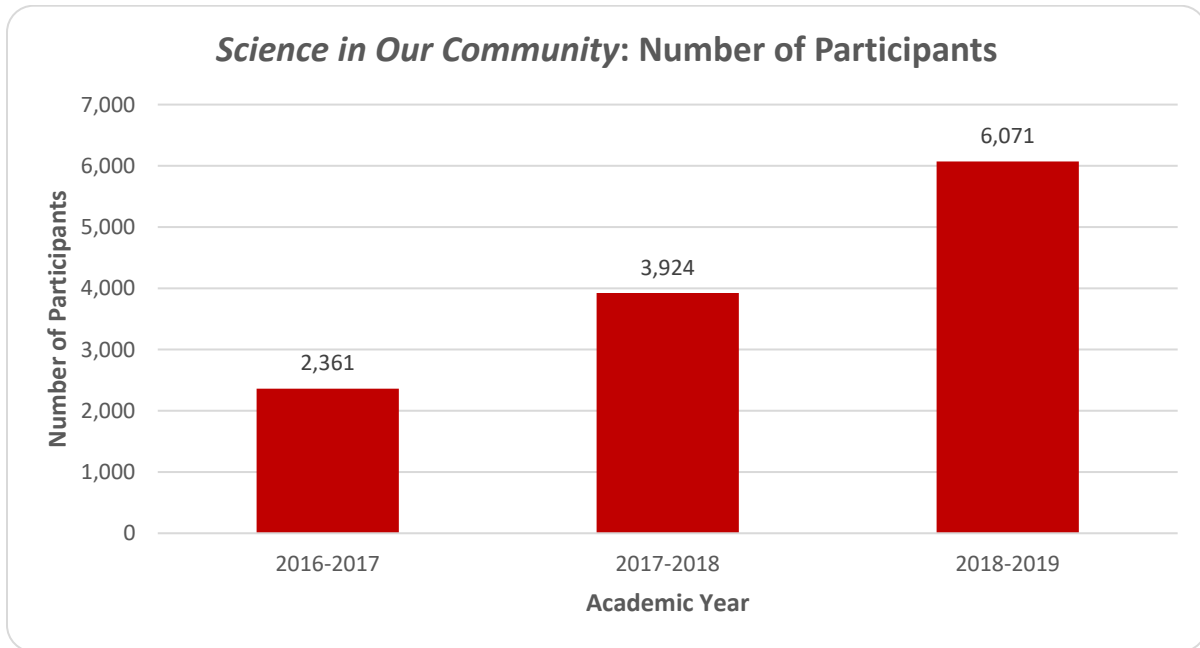
Data Collection for Academic Years: 2015-2016, 2016-2017, 2017-2018, 2018-2019

- Comparison Report



Data Collection for Academic Years: 2016-2017, 2017-2018, 2018-2019

- *Comparison Report: Continuation*



SCIENCE IN OUR COMMUNITY: APPENDIX II

Data Collection for Academic Year: 2018-2019

Science in Our Community: Titles of Lectures and Activities

1. *Biology in your Backyard: Botany*
2. *Biology in your Backyard: Herpetology*
3. *Biology in your Backyard: Ichthyology*
4. *Biology in your Backyard: Mammalogy and Ornithology*
5. *Biology in your Backyard: Entomology*
6. *Physics: Mechanical Motion*
7. *Physics: Waves, Sound, and Buoyancy*
8. *Physics: Trebuchet*
9. *Physics: Electricity*
10. *Physics: Magnetism*
11. *Physics: Optics*
12. *Chemistry: Building Spectrophotometer*
13. *Chemistry: Identify elements found in the space*
14. *Chemistry: observing light from atoms and molecules when heated to glowing*
15. *Bridges and Structures*
16. *Bridge building with 3D pen*
17. *Introduction to engineering software*
18. *Science Olympiad Warmup: Titration*
19. *Science Olympiad Warmup: Heat and thermometer*
20. *Science Olympiad Warmup: Ionic Solutions*
21. *Science Olympiad Warmup: Solubility*
22. *Science Olympiad Warmup: Dilutions*
23. *Science Olympiad Warmup: Benedict's Solution*
24. *Science Olympiad Warmup: Identifying Solutions*
25. *Science Olympiad Warmup for Elementary School: Deep Blue Sea*

26. *Science Olympiad Warmup for Elementary School: Catapult*
27. *Science Olympiad Warmup for Elementary School: Bridge Building*
28. *Science Olympiad Warmup for Elementary School: Straw Egg Drop*
29. *Science Olympiad Warmup for Elementary School: Knock, Knock, Who's There?*
30. *Science Olympiad Warmup for Elementary School: Write It, Do It*
31. *Science Olympiad Warmup for Elementary School: Crime Busters*
32. *Science Olympiad Warmup for Elementary School: Elements, Compounds, Mixtures*
33. *Science Olympiad Warmup for Elementary School: Picture This Room*
34. *Science Olympiad Warmup for Elementary School: Mystery Architecture*
35. *Fall Leaf Chromatography*
36. *Meal Worm Environment*
37. *Dirty water clean-up*
38. *Microscope Lab: Learn how to use a microscope*
39. *Microscopes Lab: Learn the difference between dissecting and light microscope*
40. *Circuits*
41. *Bottle Cap Bots*
42. *Sheep Heart*
43. *Ozobots: Create your own*
44. *Greenhouse tour*
45. *Trans-California pathway tour*
46. *Water plant tour*
47. *Life in a Cell*
48. *Baggy in a cell*
49. *Microscope Lab: Learn the difference between plant and animal cells*
50. *Ozobots: Maze*
51. *Delhi Medical Academy Lab: Muscle Activity using EMG program*
52. *Delhi Medical Academy Lab: Athletics gene using BlastX*
53. *Delhi Medical Academy Conference: Spectrophotometers & the Universe*
54. *Delhi Medical Academy Conference: Molecules & Light*

55. *Delhi Medical Academy Conference: How and Why to become a Nurse*
56. *Delhi Medical Academy Conference: Evolution*
57. *Delhi Medical Academy Conference: Daphnia on Drugs*
58. *Delhi Medical Academy Conference: Virtual Immunology Lab*
59. *Having Fun with Electricity*
60. *Microscopes Powered by Solar Energy*
61. *Weathering and Erosion*
62. *Solar Suitcase: Global Energy/Access*
63. *Solar Suitcase: Solar 101*
64. *Solar Suitcase: Basic Electricity for Solar*
65. *Solar Suitcase: System Wiring*
66. *Solar Suitcase: System Assembly*
67. *Telepresence Robots*
68. *Drones and 3-D Printing*
69. *Math – It's Not Just Bubbles!*
70. *Rocks and Minerals*
71. *Fossils and Other Dead Things*
72. *The Physical World*
73. *Optics and Electricity*
74. *Endangered Species and Animal Adaptations*
75. *Parasites*
76. *Life in Cold Blood: Dinos to Now*
77. *Get Psyched: The Science of Psychology and Child Development*
78. *Your Vocal Cords*
79. *Cells Alive*
80. *Coloring Science*
81. *Elements of the Universe*
82. *Chemistry is Out of This World!*
83. *Chemistry Elements of the Earth's Crust*

84. *Which Elements Are in Outer Space?*
85. *Microbes are Everywhere*
86. *Geocaching the Pathway*
87. *Know your Vegetables*
88. *Solar Telescope and North Observatory*
89. *Women in Science*
90. *Rover, Rover Send Cody Right Over*
91. *Coding with Ozobots*
92. *Enochs High School Forensic Biotech Program*
93. *Robots in Healthcare*
94. *Hands-Only CPR*
95. *The Digestive System and Making Poo*
96. *Hearts*
97. *pH Lab*
98. *Cheek Cell DNA*
99. *Cell Baggie Model*
100. *Learn more about reptiles*
101. *How Small is a Nano?*
102. *BioPac used to measure respiration*
103. *Online Evolution Stimulation Lab*
104. *How to recycle and make new paper*
105. *Density Column*
106. *The Great Ketchup Caper*

SCIENCE IN OUR COMMUNITY: APPENDIX III

Data Collection for Academic Year: 2018-2019

Science in Our Community: Schools Where Participants Came From

1. *Agnes Baptist Elementary School*
2. *Bernal Hughes Elementary School*
3. *Brown Elementary School*
4. *California Virtual Academy*
5. *Cesar Chavez Junior High School*
6. *Connecting Waters Charter School*
7. *Creekside Elementary School*
8. *Crowell Elementary School*
9. *Cunningham Elementary School*
10. *Daniel J. Savage Middle School*
11. *Delhi Medical Academy*
12. *Denair Elementary Charter Academy*
13. *Dennis Earl Elementary School*
14. *Dutcher Middle School*
15. *Elizabeth Ustach Middle School*
16. *Emile J. Ross Middle School*
17. *Enochs High School*
18. *Hazel Mahone College Prep*
19. *Hensley Junior High School*
20. *Hidahl Elementary School*
21. *Hilmar Middle School*
22. *Hughson Elementary School After School Program*
23. *Julien Elementary School*
24. *Lakewood Elementary School*
25. *Livingston Middle School*
26. *Medeiros Elementary School*



27. *Modesto Christian School*
28. *Monache High School*
29. *Modesto High School*
30. *Mountain view Middle School*
31. *Northmead School*
32. *Oakdale High School*
33. *Osborn Two-way immersion Elementary School*
34. *Patricia Kay Beaver Elementary School*
35. *Pitman High School*
36. *Prescott Junior High*
37. *Salida Middle School*
38. *Signs of Agape Academy*
39. *Sisk Elementary School*
40. *Somerset Elementary School*
41. *Sonoma Elementary School*
42. *Sonora Elementary School*
43. *Sunnyside High School*
44. *Thomas Downey High School*
45. *Tracy Area Homeschool Academy*
46. *Tracy-Monte Vista Middle School*
47. *TRIO Renner Elementary*
48. *Turlock High School*
49. *Turlock Junior High School*
50. *Valley Home School*
51. *Van Renner Elementary*
52. *Vanguard Prep Academy*
53. *Wakefield Elementary School*
54. *Walnut Elementary School*
55. *Whitmore Charter High School*