

STEM Program Topics

Introduction

1. Welcome to TWC
2. Hello from Room 33
3. Introduction

Physical

4. Leonardo da Vinci
5. Galileo Galilei
6. Gabriel Fahrenheit
7. Benjamin Banneker
8. Erie Canal
9. Thomas Edison
10. Albert Einstein

Earth

Weather

11. Meteorology
12. Precipitation and the Water Cycle
13. Hurricanes
14. Tornadoes

Geology

15. Geology
16. Layers of The Earth
17. Rocks of the Earth's Crust
18. Hot Springs and Geysers
19. Volcanoes
20. Deserts
21. Mountains
22. Continental Divide
23. John Muir
24. William Morris Davis
25. Political and Physical Maps

Earth and the Universe

26. Sun, Stars & Galaxies

The Ocean

27. The Ocean Floor
28. Currents and Tides

Life

Human Body

29. The Human Body's Slimy Shields
30. Skin
31. Heart and Circulatory System

Ecosystems

32. Animal Classification
33. Food Chains
34. Marine Life
35. George Washington Carver

Conservation

36. Conservation
37. Rachel Carson
38. Inez Fung

Medicine

39. Clara Barton
40. Elizabeth Blackwell
41. Dr. Daniel Hale Williams
42. Mayo Family & Clinic
43. Dr. Charles Drew
44. Christian Barnard

Evolution and Genetics

45. John Dalton

Science Careers

Physical Science—Energy

46. Dr. Patrick Treuthardt, Physicist

Life Science—Geology

47. Liz Baird, Director of Education
48. Dr. Chris Tacker, Geologist
49. Dr. Emlyn Koster, Geologist

Life Science—Ecosystems

50. Dr. Paul Brinkman, Paleontologist
51. Bob Alderink, Lab Coordinator
52. Dr. Colin Brammer, Entomologist
53. Dr. Jason Cryan, Entomologist
54. Dr. Dan Dombrowski, Veterinarian
55. Chris Goforth, Citizen Science
56. Dr. Roland Kays, Zoologist
57. Dr. Stephanie Schuttler, Mammologist
58. Dr. Julia Stevens, Microbial Ecologist

Life Science—Evolution and Genetics

59. Ben Hess, Collections Manager
60. Dr. Julie Horvath, Evolutionary Genomicist
61. Dr. Julie Urban, Evolutionary Biologist