

Event Center (PE Outside/Entrance)

1. **Science Day Ceremony/Information**, Rockville Science Center
2. **Science Day Music**, Sticky G Band
3. **Current EVs**, Electric Vehicle Assoc. of Washington DC (EVADC)
4. **Science Day Operations**, Rockville Science Center
5. **Volunteer Room**, Rockville Science Center (room 116)
6. **The Power of DIY**, MoCo Makers, DMV Petri Dish (room 134)
7. **NINDS Brain Lobe-oratorium**®, Nat. Inst. Neurological Disorders (room 135)
8. **DNA Rocks!**, Nat. Human Genome Research Inst. (room 136)

Nature, Environment, Medical (PE Small Gym)

9. **Slime and Medicine Quality**, United States Pharmacopeia
10. **Friendly Bacteria and Viruses**, Integrated Pharma Services
11. **The Immunization Game**, Excelior Lab
12. **Prosthetics and Orthotics**, Ability Ottobock.care
13. **Teamwork, Creativity, Efficiency**, Nat. Center for Advancing Translational Sciences
14. **Pain Management Techniques**, Capital Interventional Pain and Spine Center
15. **Let's Talk Genetics!**, Personal Genetics Education/Dialogue (PGED.org)
16. **From Bags to Riches**, CAPA MC Growing And Giving Club
17. **NIH Office of Dietary Supplements**
18. **Animals Around the World**, Echoes Of Nature
19. **Beautiful Bluebirds**, Maryland Bluebird Society
20. **Waste Reduction and Recycling**, Dept. of Environmental Protection
21. **Watershed Connections**, Croydon Creek Nature Center
22. **The Science of Scuba Diving**, One Ocean Scuba
23. **Make a Splash!: Life in a Stream**, Mont. County Dept. of Environmental Protection
24. **The Natural Place to Be!**, Friends of Seneca Creek & Patuxent River
25. **Second Chance Wildlife Center**
26. **Peer Outreach With Energy Resources (POWER)**
27. **Stonestreet Museum, 19th Century Medicine**, Montgomery County Historical Society

Engineering and Technology (PE Large Gym)

29. **Montgomery Amateur Radio Club (MARC)** (entrance)
30. **Live Concert**, Northwest High School, Secret Society of Science Song Writers (room 131)

31. **Gravity is Optional**
32. **Rube Goldberg Machine/Giant Harmonograph**, 4-H Inventors
33. **Minecraft Programming, Paper Circuits**, Potomac 4H Club
34. **AOE Robotics Club**
35. **FIRST LEGO League Explore**, JSS Spiritual Mission
36. **FIRST LEGO League Challenge Teams**
Lion Robotics, Team 60691
Brickanics, Team 57959
37. **FIRST Robotics(FRC)**, Northwest High School, Team 4638
38. **FIRST Tech Challenge Teams**
North Bethesda Phoenixes Team 24508, 47 Beavers Team 13100
Supernova.exe Team 21774, Redstone.exe Team 19434
Blu Cru Team 6417, Green Gang Team 24158
39. **High School Engineers (Robots, Rockets, Drones)**, Explorer Post 1010
40. **1965 DEC PDP-8 Computer Demonstration**
41. **Your Energy Supplier**, Pepco
42. **Energy Efficiency Residential Team**, Pepco PHI
43. **Powering Progress: The Story of Nuclear Energy**, X-energy
44. **Rare Attractions: The Magic of Magnetism**, KBG Foundation
45. **355Code! JavaScript Python Java!**
46. **STEM Chests: Making Science Accessible**
47. **Learn to Love Math**, Avatar Learning Center
48. **STEAM Summer Camp**, Cyberninjaz Global Inc.
49. **Everyday Physics, Weird Physics**
50. **Relocatable On-Body Wearables**
51. **Interactive STEM**
52. **Video books - New Self-Study Tool**, The READY Academy
53. **Art and Engineering with LEGO League**
54. **Gadget Wizardry, Cyber Systems**, Universities at Shady Grove
55. **Measuring Your World**, National Institute of Standards and Technology (NIST)
56. **Eyes on the Earth**, NASA Global Precipitation Measurement Mission (GPM)
57. **Horology - Clocks and Watches**, National Assoc. of Watch and Clock Collectors
58. **Enigma Cipher Machine**, National Cryptologic Museum
59. **Railroad Timesaver**, Rockville Model Railroad Society
60. **Living History Center**, Button Farm
61. **Truth about Civil War Medicine**, National Museum of Civil War Medicine
62. **WW2 Liberty Ship**, S.S. John W. Brown
63. **National Capital Radio & Television Museum**

Community and Education (Campus Center)

64. **Hands-on Fun, International Latitude Observatory**, Gaithersburg Community Museum
65. **Registration and Poll Workers**, Montgomery County Board of Elections
66. **Discover Science Resources!**, Montgomery County Public Libraries
67. **Women in Science**, Montgomery Women
68. **Boolean Girl STEM**, Boolean Girl
69. **Russian School of Mathematics**
70. **Beast Academy Physics**, Art of Problem Solving (AoPS) Academy
71. **Teamwork, Creativity, and Efficiency**, Nat. Center for Advancing Translational Sciences
72. **The Languages of Science**, National Museum of Language
73. **Locational and Hierarchy Data Naming**, Datamura Solutions
74. **Science Tech Fun**, Bridgeway Technology
75. **Engineering/Computer Science for Kids**, Future Tech Horizons
76. **Problem solving through Chess**, C&O Family Chess Center
77. **Rockville Chess Club**, Rockville Chess Club
78. **The Air Vortex Cannon**
79. **Miocene Fossils Hunt**, Maryland Science Center
80. **LEGOS and Tablets Video Game**, Maryland STEM Festival
81. **Dry Ice**, Mad Science Camps
82. **MBI Café**, Macklin Business Institute
83. **Rocket Build and Fly**, NARHAMS Model Rocket Club

Outside Near Sundial

84. **Big Top**, Rockville Science Center Makerspace
85. **Boy Scout of America**
86. **Mechanical Music Instrument**, Organ Grinder Lola
87. **Van Der Graaf Generator, Questar Telescope (bad hair days and sunspots)**, Montgomery College Planetarium
88. **The Sun and You**, National Capital Astronomers
89. **Exploring Our Daytime Star**, Westminster Astronomical Society
90. **Launching Model and Balloon Rockets**, Caelus Rocketry
91. **STEM Program**, Montgomery County 4-H
92. **Live Honeybees**, Montgomery County Beekeepers Association
93. **Archaeology in Maryland**, Maryland Historical Trust
94. **Archaeology in the Community**, Mid-Potomac Chapter Archeological Society of MD
95. **Build a Solar Power System**, Montgomery College, Engineers Without Borders

Science Building (SC)

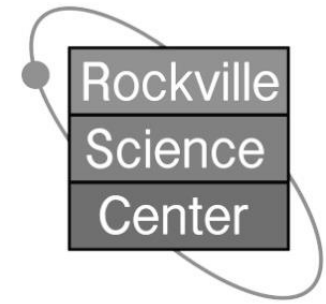
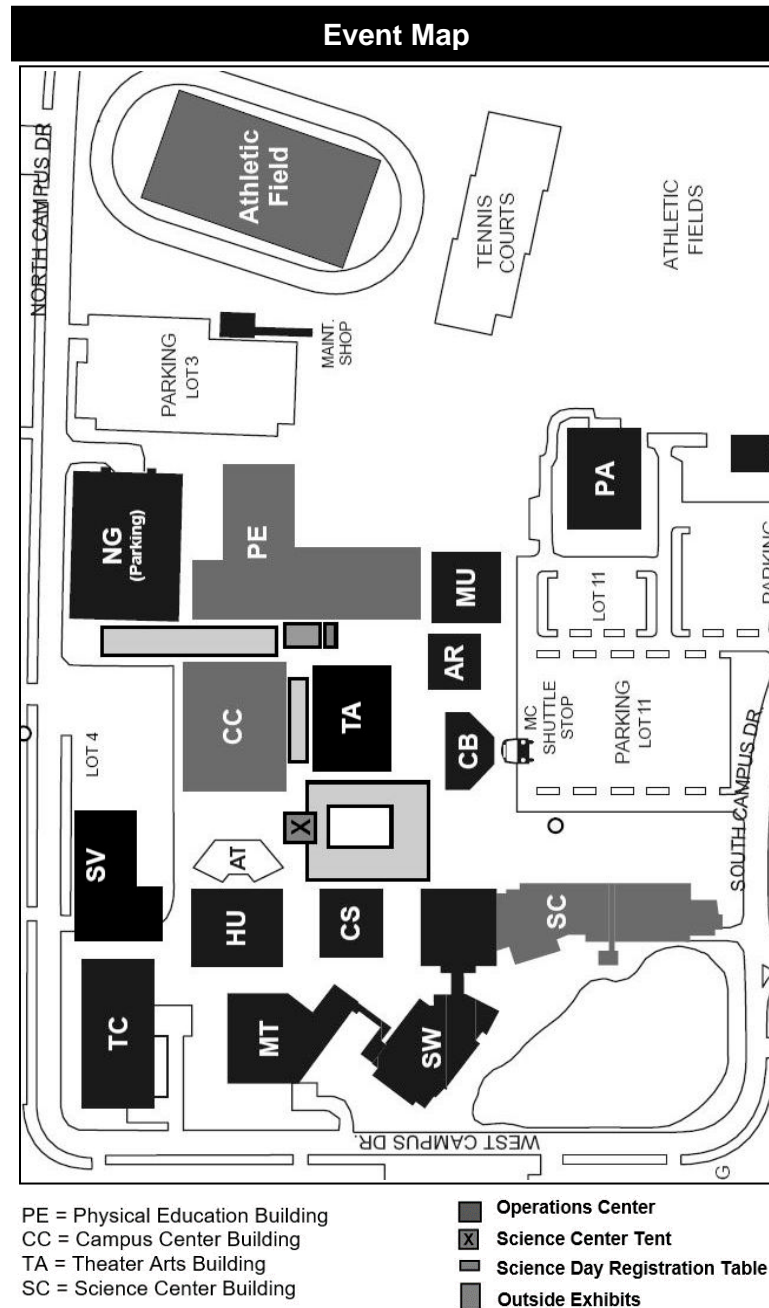
97. **Pond Water Zoo**, Montgomery College, Biology Dept. (outside)
98. **Annual Montgomery County Science Fair**, ScienceMONTGOMERY (1st floor)
99. **Montgomery County Science Fair Projects 2024** (1st floor)
100. **Instrumental Music**, Charlie Bryant (1st floor)
101. **Science Day Short Talks** (room 126)
 - Stormwater Control & Stream Restorations
 - Model Rockets, how they work
 - Powering Progress: Story of Nuclear Energy
 - Bees & People: They Depend on One Another
 - Honeybees
102. **Apple Swift Playground**, Montgomery College, ignITe (room 125)
103. **MD/DC Regional Science Bowl**, Montgomery College (room 124)
104. **Fun With Mathematics**, Montgomery College, Mathematics Dept. (1st floor)
105. Montgomery College, Applied Technologies (1st floor)
106. **Chemistry in Action**, Montgomery College, Chem. Dept. (3rd floor)
107. **Chemists Celebrate Earth Week**, Chemical Society of Washington, (3rd floor)
108. **Science, Engineering and Technology**, Montgomery College, Engineering and Computer Science Dept. (4th floor)
109. **Solar Observing**, Montgomery College Observatory (roof)

Event Schedule

- Noon – Exhibits Open
 - Noon-12:50PM – **Rocket Build Sign-Up**
Campus Center, Faculty Dining Room
 - 1:00PM – **Welcoming Ceremony**
In Front of Physical Ed Building
Posting Flags: United States Naval Sea Cadets Corps
National Anthem: Meredith Feys, Northwest High School
Announcements, Recognition, Comments
 - 1:00PM-4:00PM – **Science Day Short Talks**
Science Building
 - 3:30PM – **Rocket Launch, Athletic Field**
 - 5:00PM – Exhibits Close
- See you again in 2025!

Sign up for the Rockville Science Center Newsletter at
<https://www.rockvillesciencecenter.org>

Food for Sale in the Campus Center Cafeteria
Grounds to Grounds, by Macklin Business Institute



Rockville Science Day 2024

Our 33rd Year

Sunday, April 21, 2024
Noon to 5:00 P.M.

Montgomery College
Rockville Campus

Exhibits located in
Physical Education Gyms,
Campus Center, Science Center,
Outdoors, and Athletic Field

A program of
Rockville Science Center, Inc.

Supported by
City of Rockville
Montgomery College, Rockville Campus

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web: <https://www.rockvillesciencecenter.org>