

Science Building (SC)

85. **Montgomery County Science Fair Exhibits**
ScienceMONTGOMERY
86. **Science Day Short Talks**,
"The Archaeology of the Mind"
"What is Klingon?"
"Model Rockets"
"The Story of Radiation"
87. **Science-Friendly Folk Music**, Charlie Bryant
88. **DMV Petri Dish Showcase**, DMV Petri Dish
89. **ignITe Hub - Swift Playgrounds Demo**, ignITe Hub (Montgomery College)
91. **Climate Change & Photosynthesis**, Montgomery College Biology Department
92. **CSW and STEM ED Club celebrate Earth Week 2023**, Chemical Society of Washington (CSW), and Montgomery College STEM ED Club
93. **STEM in Action**, Montgomery College Chemistry Department
94. **Solar Observing at Montgomery College**, Montgomery College Astronomical Observatory

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 Colors: Naval Sea Cadets Corps
National Anthem: Sophia Teitelbaum, Rockville High School
Announcements, Comments, Recognition

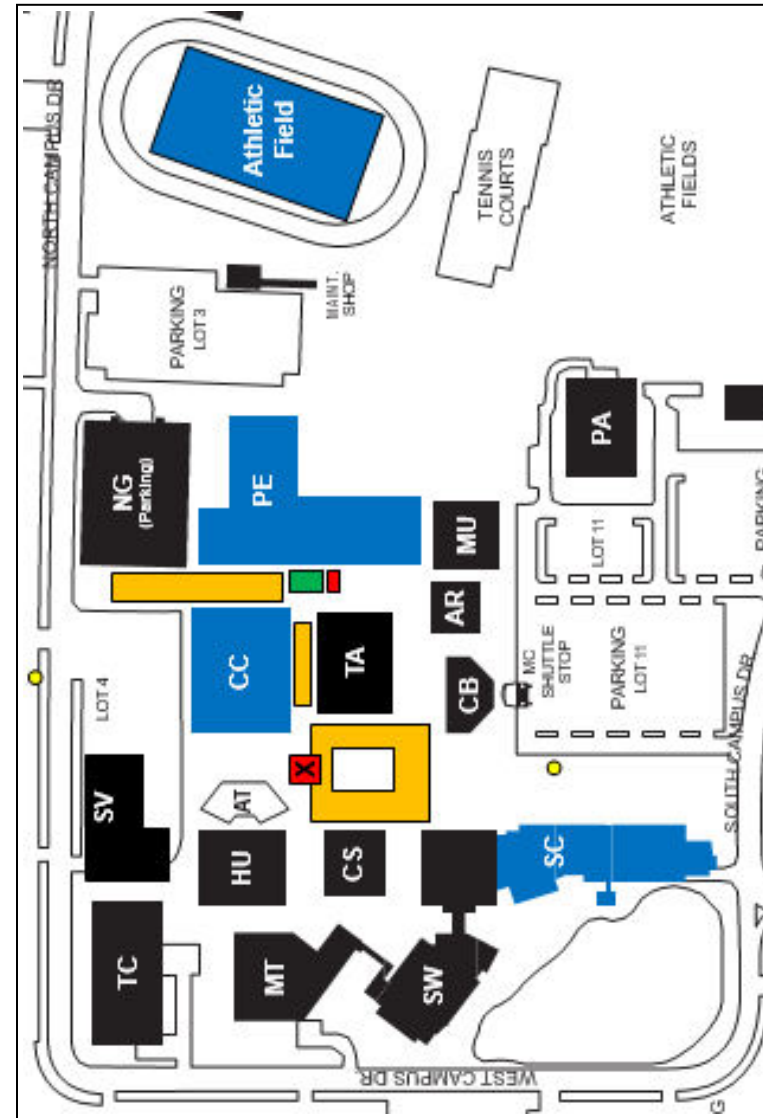
3:30PM – **Rocket Launch**, Athletic Field

5:00PM – **Exhibits Close**
See you again in 2024!

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

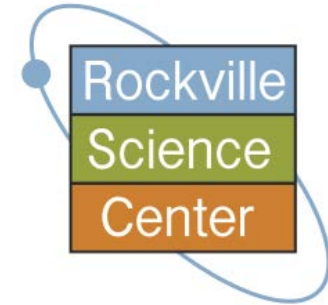
Food for Sale in the Campus Center Cafeteria
Grounds to Grounds, by Macklin Business Institute

Event Map



PE = Physical Education Building
CC = Campus Center Building
TA = Theater Arts Building
SC = Science Center Building

Operations Center
Science Center Tent
Science Day Registration Table
Outside Exhibits



Rockville Science Day 2023

Our 32nd Year

Sunday, April 23, 2023
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 the
Rockville Science Center, Inc.

Supported by
City of Rockville
Montgomery College, Rockville Campus

email: scienceday@rockvillesciencecenter.org
web: <https://www.rockvillesciencecenter.org>

Event Center (PE Outside/Entrance)

1. **Event Central**, Rockville Science Center
2. **Science Day Music**, Sticky G
3. **Amateur Radio (Ham Radio) Demonstrations and Exhibits**, Montgomery Amateur Radio Club (MARC)
4. **Civil War Medicine & Surgery**, National Museum of Civil War Medicine
5. **Electric Vehicles - The Future is Available Today**, Electric Vehicle Association of Greater Washington DC (EVADC)
6. **Guided Tours of Electric Vehicles**, given by Owners
7. **Medical Imaging: Vascular Ultrasound**, Adventist HealthCare Shady Grove Medical Center Vascular Department
8. **Medical Instructions**, Campaign Pay It Forward
9. **Advancing Military Medicine**, Henry M. Jackson Foundation for the Advancement of Military Medicine
10. **Volunteer Lounge**, Rockville Science Center
11. **4SW Science Songwriters Live Concerts**, Secret Society of Science Songwriters Northwest High School

Nature and Environment (PE Small Gym)

13. **What does Slime have to do with Medicine Quality?**, US Pharmacopeia
14. **Innovations in Biotechnology**, Integrated Pharma Services, LLC
15. **Dietary Supplements: What You Need to Know**, National Institutes of Health (NIH) Office of Dietary Supplements
16. **Echoes Of Nature sharing Animal Adaptations**, Echoes Of Nature
17. **Energy Exploration**, Montgomery Energy Connection
18. **What's That Trace?**, Maryland Park Service (Maryland Conservation Corps)
19. **Reptile Wonders-The Nature Center on the Go**, Reptile Wonders - The Nature Center on the Go
20. **Friends of Seneca Creek & Patuxent River State Parks**, Friends of Seneca Creek & Patuxent River State Parks.
21. **Your Backyard Habitat**, Croydon Creek Nature Center
22. **Gaithersburg Latitude Observatory**, Gaithersburg Community Museum
23. **Montgomery County Department of Environmental Protection: Waste Reduction and Recycling**, Department of Environmental Protection, Recycling and Resource Management Division
24. **Backyard Science & Nature Study for Children & Adults**, Retired Biologist & Environmental Scientist

Engineering and Technology (PE Large Gym)

26. **Gravity is Optional**, Gravity is Optional

27. **Rube Goldberg Machine, Giant Harmonograph, and Giant Robot Operations Game**, 4H Inventors
28. **Exploring Scientific Principles**, Rockville Science Center
29. **FIRST LEGO League Robotics (FLL)**, FLL Team 57376 Axolegos
FLL JSS Robotics Energy Express and FLL Explore Team
FLL Academy of Excellence Robotics Club
FLL Team 58316 BOTologist and FLL Explore Team 27211
FLL Team 52349 Golden Girls Super Powered
FLL Team 45973 BLT (Build Legos Together)
FLL Team 58556 Quantum Dots
30. **FIRST Robotics Competition (FRC)**
FRC Clopper Robotics/Team 4638 Jabots Robots
FRC Team 5115 Wheaton High School Robotics
31. **FIRST Tech Challenge Robotics (FTC)**
FTC Team 13100 47 Beavers
FTC Orca Robotics
FTC Team 19890 Distractors.exe
FTC Team 22202 Infinity.exe
32. **High School Engineering (Robots, Rockets, Drones)**, Explorer Post 1010
33. **A Flying Tank, AI and Computer Vision**, Robotic Research Autonomous Industries
34. **STEM - Key to our Children's Future**, Hobby Works
36. **The READY Academy's Community STEM**, The READY Academy
37. **Build and Launch Your Own Rocket!**, STEM Chests
38. **Block Programming and Robots**, Potomac 4H Community Club
39. **Space Robotics**, NASA's Exploration and In-space Services (NEXIS) Projects Division, Goddard Space Flight Center
40. **Connect the Drops- NASA's Global Precipitation Measurement (GPM) Mission**, NASA/GSFC/GPM
41. **Timesaver Railroad Train Switching Layout**, Rockville Model Railroad Society
42. **Mechanical Timekeeping**, Washington DC Chapter 12 National Association of Watch and Clock Collectors
43. **Gadget Wizardry**, UMD A. James Clark School of Engineering, Cyber-Physical Systems Engineering
44. **The Math Learning Center**, Mathnasiam
46. **Rockville of Tomorrow**, Peer Outreach With Energy Resources (POWER)
47. **Examination of Lightbulb Energy Consumption**, Pepco
48. **Sustainable Generation of HHO**, Thomas Chon, Jr.
49. **Tic-Tac-Toe Computers**, Computer Museum @ System Source
50. **National Capital Radio & Television Museum**
51. **1965 DEC PDP-8 Computer Demonstration**, David Gesswein
52. **Make It Yourself**, MoCo Makers

Community and Education (Campus Center)

54. **Are You A Conductor?**, Maryland Science Center
55. **Maryland STEM Festival**, Maryland STEM Festival
56. **Maryland Elections**, Montgomery County Board of Elections
57. **Exploring Science in the Library**, Montgomery County Public Libraries
58. **Cyberninjaz Summer Tech Camp**, Cyberninjaz Global Inc.
59. **College Admissions**, No Anxiety Prep
60. **Teaching Coding and Engineering to Girls**, Boolean Girl
61. **NSA K-12 Academic Outreach**, National Security Agency (NSA)
62. **Hands on STEM projects - Circuits & Robotics**, STEM Afterschool Academy
63. **Building Powerful Minds Through Mathematics**, Russian School of Mathematics
64. **Chess Puzzles & Play**, C&O Family Chess Center
65. **Rockville Chess Club**, Rockville Chess Club
66. **Learn to LOVE Math with AvatarMath**, Avatar Learning Center
67. **Electric Writing**, Big Learning (MCCPTA Educational Programs)
68. **Bubbling Potions!**, Mad Science
69. **Build and Fly a Model Rocket**NARHAMS Model Rocket Club

Outside Near Sundial

71. **Rockville Science Center Big Tent**
72. **Scouts BSA (Seneca District)**, Scouts BSA (Seneca District)
73. **Hands-on Music Making and Mechanics**, Organ Grinder Lola - Mechanical Music Instrument
74. **Sunspots & Van de Graaff generator**, Montgomery College Planetarium
75. **Keep Looking Up**, Westminster Astronomical Society
76. **Safely See the Sun as You've Never Seen It!**, National Capital Astronomers
77. **Astronomy and the Sun**, National Capital Astronomers
78. **Joint Polar Satellite System**
79. **Button Farm Living History Center**, Button Farm Living History Center
80. **SS John W. Brown**, Project Liberty Ship
81. **How does pollution end up in our rivers and streams?**, Potomac Riverkeeper Network
82. **Electric Rocket**, Jon Everett
83. **Organ Grinder**, Terry Bender
84. **Stewarding Archaeological Resources**Archaeology Program of Montgomery County Parks & Mid-Potomac Chapter of the Archeological Society of Maryland