



# SCIENCE FESTIVAL™

Presented by THE BIOGEN FOUNDATION

## 2016 Final Report





## CONTACTS

### North Carolina Science Festival

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**North Carolina Science Festival** is a statewide two-week celebration of STEM — science, technology, engineering and mathematics — with community-based events hosted by museums, science centers, colleges, universities, businesses, parks, libraries and other sites.

Founded in 2010 by Morehead Planetarium and Science Center at the University of North Carolina at Chapel Hill, the Festival has served more than one million participants of all ages since its inception.

The Festival is made possible through generous support from leading business and government partners and through the participation of hundreds of event hosts across North Carolina.

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***Thank You!***

**This year the North Carolina Science Festival set a new record: We held events in 99 of N.C.'s 100 counties!**

We couldn't have done it without the support of our sponsors, event hosts and many volunteers.

More than 3,500 STEM professionals volunteered their time and talents throughout the Festival in an incredible number of ways that included: visiting middle school classrooms, demonstrating hands-on science at community expos, leading behind-the-scenes tours of their research labs and so much more. We are grateful to all of them!

▲ Eighty teams from all over the state registered to race soap box derby cars in downtown Lenoir as part of the 2016 NC Gravity Games.

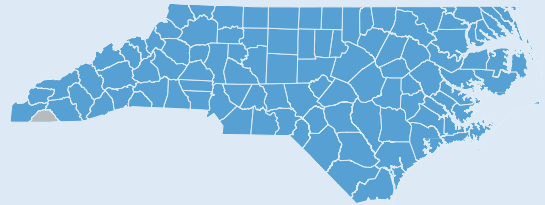


# By the Numbers

# 410,935

## TOTAL PARTICIPANTS

### 918 EVENTS *in* 99 OF NC'S 100 COUNTIES



## 136,139

### PUBLIC EVENT ATTENDANCE

508 PUBLIC EVENTS

*photo credit: Mike Hermann*



## 21,471

### PRE-FESTIVAL EVENT ATTENDANCE

47 PRE-FESTIVAL EVENTS



## 209,908

### ON-AIR/ONLINE EVENT PARTICIPANTS

8 ON-AIR/ONLINE EVENTS



## 36,891

### K-12 PROGRAM ATTENDANCE

299 K-12 EVENTS

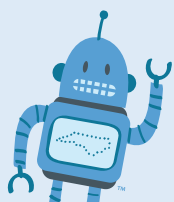


## 6,526

### STAR PARTY ATTENDANCE

56 STAR PARTY EVENTS

*The Statewide Star Party is made possible thanks to the support of North Carolina Space Grant.*





## K-12 PROGRAMS



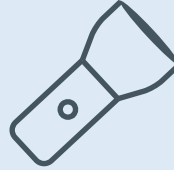
**133**  
**DUKE ENERGY  
SCIENCE NIGHTS**

*Elementary grades*



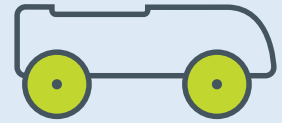
**107**  
**INVITE-A-  
SCIENTISTS**

*Middle grades*



**4**  
**SCIENCE  
SPOTLIGHTS**

*High school*



**41**  
**NC GRAVITY  
GAMES**

*Teams recruited*

**37:1**

**RATIO OF ATTENDEES  
TO STEM PROFESSIONALS  
AT PUBLIC EVENTS**



**3,566**

**STEM PROFESSIONALS  
INVOLVED**

**10** **BALLOONS  
IN SPACE**

*photo: The Unacceptable Risks,  
Durham Technical Community College*

## FUNDING PROGRAMS

### **UNC Challenge Award Program**

*Awarded to **11** UNC institutions  
that held **13** events.*

### **Event Sponsorship Program**

*Awarded to **21** organizations that  
held 21 events.*





▲ NC State Parks hosted several Statewide Star Party events. Park rangers led demonstrations and activities, including “Create a Constellation.”

▶ Kelvin and a friend gather around a campfire at Elk Knob State Park (where it can definitely snow in April).

*Photo credit: Brandy Belville*


# Parks

## NC State Parks Celebrates its 100th Birthday by Partnering with the NC Science Festival

In celebration of turning 100, NC State Park superintendents, rangers and staff explored the theme of Science in the Great Outdoors during 50 special NC Science Festival events across the state. More than 4,700 visitors participated in hands-on fun through programs like *S’more Science*, *the Reptile & Amphibian BioBlitz* and the *Statewide Star Party*.





A child in a blue winter jacket is sitting on the snow next to a campfire. The campfire is built with dark grey rocks and has a fire burning in the center. The background shows a snowy forest with bare trees.

“ Real science happens every day in North Carolina State Parks. Our 200-plus park rangers are trained naturalists and outdoor scientists themselves and are a natural fit for this effort. ”

**MIKE MURPHY**

Director of NC Division of  
Parks and Recreation





- ▲ Dr. Chris Emdin discussed new approaches to STEM education in *Rethinking STEM*, at Caldwell Presbyterian Church in Charlotte.
- ▼ Festival educators led outdoor science demonstrations before the event.

# Diversity

## The Festival strives to serve the 10 million people of our great state.

This year, we had events in 99 of NC’s 100 counties, a new record. The lineup featured fantastic events designed to attract new audiences. Thirty-seven percent of our audiences attended events held in Tier 1 counties\*. Eighty-one percent of public attendees were able to attend events that were free of charge.



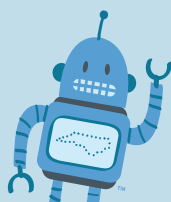
*\*The 40 most distressed counties are designated as Tier 1. Tiers are calculated using average unemployment rate, median household income, percentage growth in population and property tax base per capita.*



▲ Visitors enjoyed bilingual science activities at *Conoce a un(a) científico(a)* at the Museum of Life and Science.



▲ Children explored science careers at *STEMville* Science Symposium, hosted at Morehead Planetarium and Science Center.

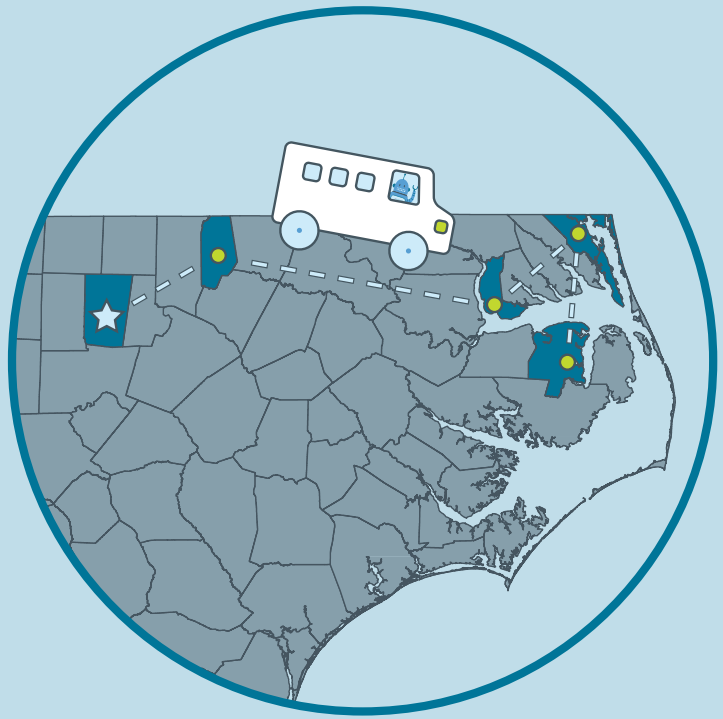




## SCIENCE STREET TEAM

This year, we launched the Traveling Science Roadshow, a brand new initiative designed to bring engaging science to the Inner Banks region of North Carolina. Our Science Street Team, led by UNC undergraduate science majors, brought dynamic science shows to Northeastern NC, wowing crowds in Vance, Chowan, Currituck and Tyrrell counties.

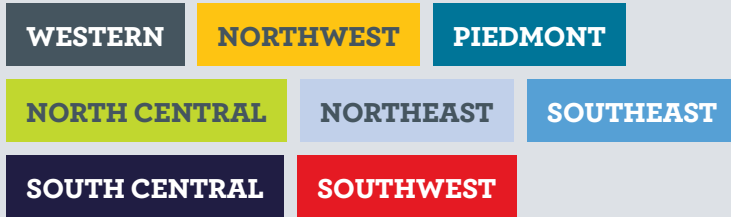
**The NCSF Traveling Science Roadshow is made possible thanks to the support of the Science Festival Alliance's *Just Add Science* Program.**





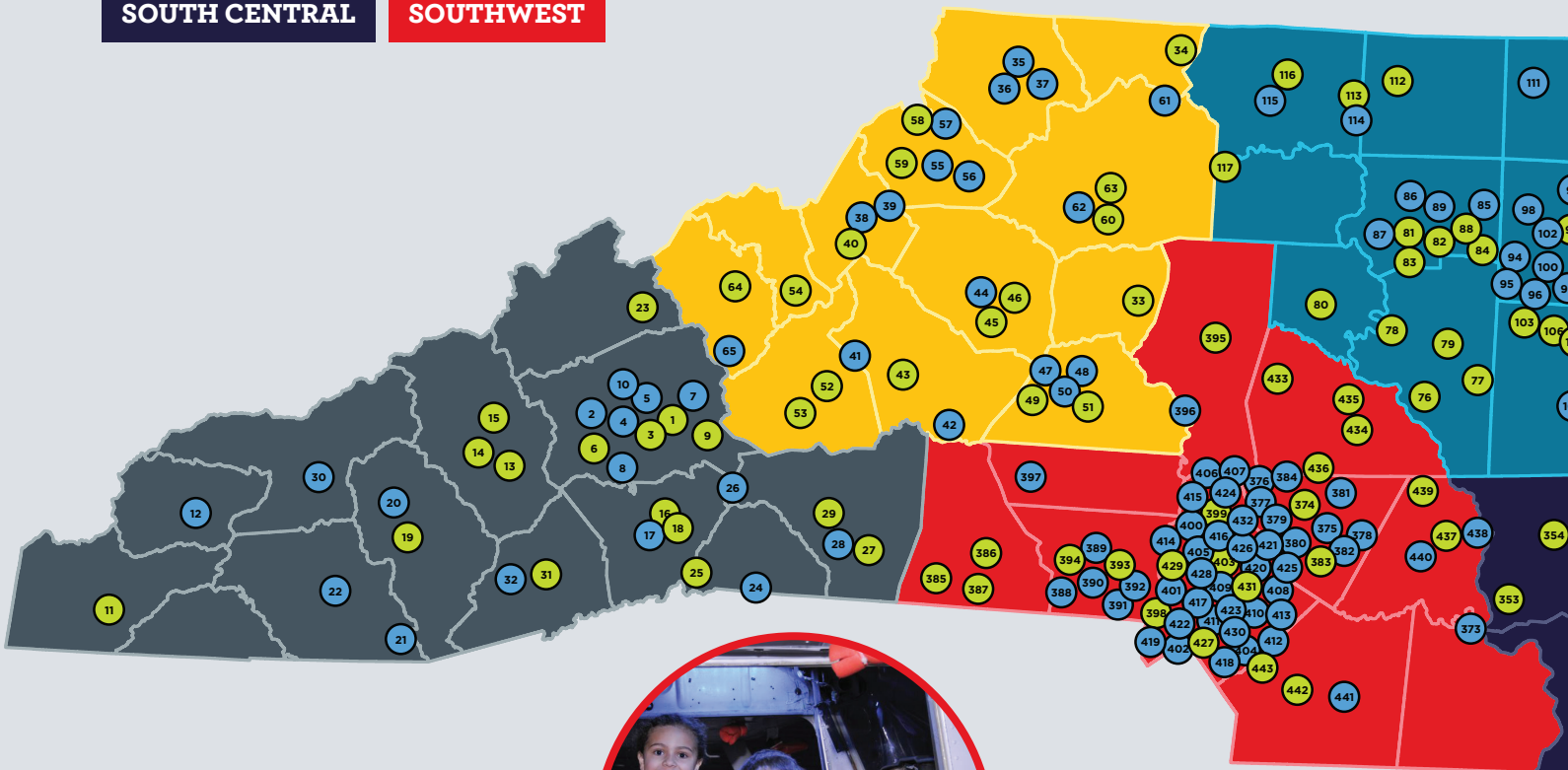
# The Big Picture

- Public Events
- Educational Initiatives



**35** | Homeschool SciDay!  
JEFFERSON

photo credit: Vicki Randolph



**401** | Carolinas Aviation Community Day  
CHARLOTTE

photo credit: Lowell Warner



**10** | Solar Observing at UNC Asheville  
ASHEVILLE

photo credit: Judy Beck



**339** | "Bugs, Bugs, Bugs" at Cumberland County Library  
FAYETTEVILLE

photo credit: Tammy Fuller





67

**Burlington Mini Maker Faire**  
BURLINGTON

*photo credit: Earl Jules*



172

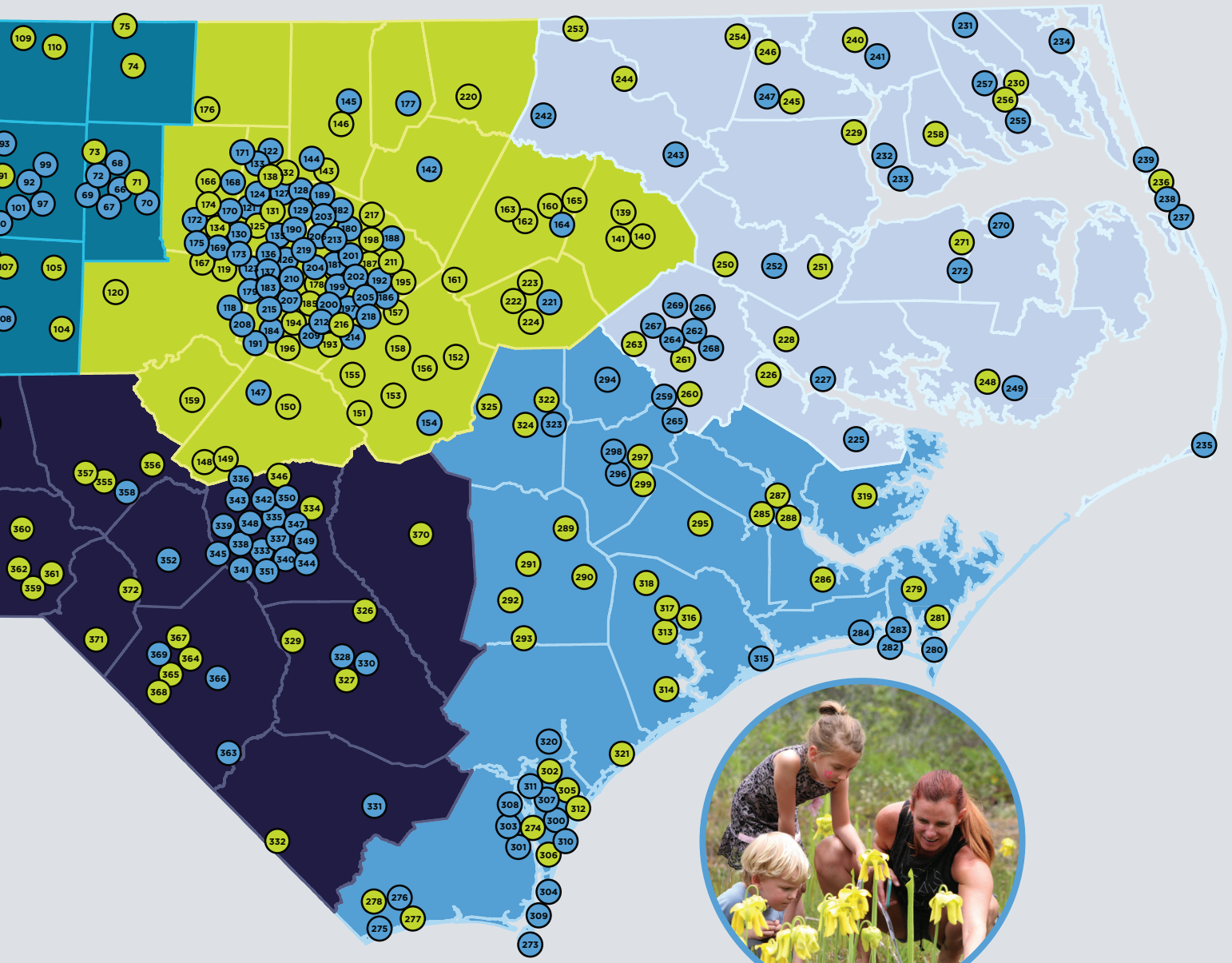
**STEMville Science Symposium**  
CHAPEL HILL



255

**NASA Day at Elizabeth City State University**  
ELIZABETH CITY

*photo credit: Jeff Wood*











307

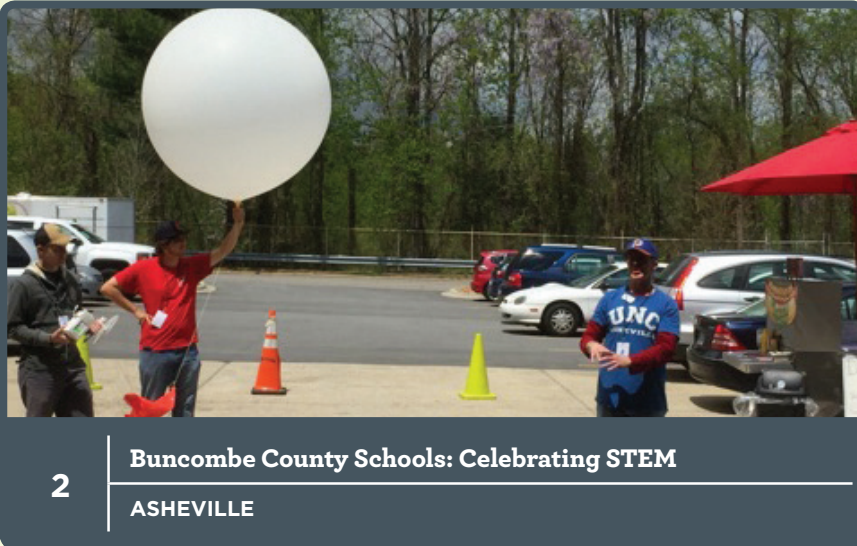
**Flytrap Frolic**  
WILMINGTON

*photo credit: Paige Brown*














# Event Host Listings

-  Duke Energy Science Night
-  Science Spotlight
-  Official Expo
-  UNC Challenge Grant Recipient
-  Invite-a-Scientist
-  Statewide Star Party
-  Signature Event
-  Mini Grant Recipient






















2

**Buncombe County Schools: Celebrating STEM**  
ASHEVILLE

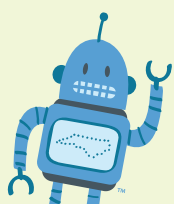
- 22 Macon County Public Library,** Franklin
- 23 Madison Middle,** Mars Hill 
- 24 Foothills Equestrian Nature Center,** Tryon 
- 25 Saluda Elementary,** Saluda 
- 26 Chimney Rock State Park,** Chimney Rock
- 27 Forrest W. Hunt Elementary,** Forest City 
- 28 Isothermal Community College,** Spindale  
- 29 Spindale Elementary,** Spindale 
- 30 Mariana Black Library,** Bryson City
- 31 Brevard Middle,** Brevard 
- 32 PARI,** Rosman 
- 33 Hiddenite Elementary,** Hiddenite 
- 34 Glade Creek School,** Ennice 

## WESTERN

- 1 Artspace Charter School,** Swannanoa 
- 2 Buncombe County Schools,** Asheville
- 3 Charles C. Bell Elementary,** Asheville 
- 4 CICS-NC,** Asheville 
- 5 Colburn Earth Science Museum,** Asheville
- 6 Invest Collegiate Imagine,** Asheville 
- 7 NC Science Olympiad,** Black Mountain
- 8 North Carolina Arboretum,** Asheville  
- 9 Owen Middle,** Swannanoa 
- 10 University of North Carolina Asheville,** Asheville 
- 11 Cherokee County Schools,** Murphy 
- 12 Graham County Schools,** Robbinsville
- 13 Bethel Middle,** Waynesville 
- 14 Junaluska Elementary,** Waynesville 
- 15 Riverbend Elementary,** Clyde 
- 16 Clear Creek Elementary,** Hendersonville 
- 17 Hands-On! A Children's Gallery,** Hendersonville 
- 18 Sugarloaf Elementary,** Hendersonville 
- 19 Cullowhee Valley School,** Cullowhee 
- 20 Western Carolina University,** Sylva   
- 21 Highlands Nature Center,** Highlands

## NORTHWEST

- 35 Appalachian Outdoor Institute,** Jefferson
- 36 Ashe County Public Library,** West Jefferson
- 37 New River State Park,** Jefferson
- 38 Appalachian Science Experiment,** Linville
- 39 Grandfather Mountain State Park,** Banner Elk
- 40 Williams Academy,** Crossnore 
- 41 Lake James State Park,** Nebo 
- 42 South Mountains State Park,** Connelly Springs
- 43 W.A. Young Elementary,** Morganton 







44

**NC Gravity Games**

LENOIR

- 44 Google, Lenoir **S** **E**
- 45 West Lenoir Elementary, Lenoir
- 46 William Lenoir Middle, Lenoir
- 47 Catawba Science Center, Hickory
- 48 Education Matters in Catawba Valley, Hickory
- 49 Longview Elementary, Hickory
- 50 NC Space Grant, Hickory **S**
- 51 South Newton Elementary, Newton
- 52 Eastfield Global Magnet School, Marion
- 53 West Marion Elementary, Marion
- 54 Harris Middle, Spruce Pine
- 55 Appalachian State University, Boone **E** **\$**
- 56 Children's Playhouse, Boone **S**
- 57 Elk Knob State Park, Todd
- 58 Mabel Elementary, Zionville
- 59 Valle Crucis School, Sugar Grove
- 60 Moravian Falls Elementary, Moravian Falls
- 61 Stone Mountain State Park, Roaring Gap
- 62 US Army Corps Of Engineers, W. Kerr Scott Dam and Reservoir, Wilkesboro

- 63 Wilkesboro Elementary, Wilkesboro
- 64 Burnsville Elementary, Burnsville
- 65 MYLES of Science, Burnsville **\$**

**PIEDMONT**

- 66 Alamance County Public Library, Burlington
- 67 Alamance Makers Guild, Burlington **E** **\$**
- 68 Blessed Sacrament School, Burlington **S**
- 69 Burlington Recreation and Parks, Burlington
- 70 NC Science Olympiad, Graham
- 71 North Graham Elementary, Graham
- 72 Tectonic Plates: Alamance County's Science Cafe, Elon
- 73 Western Middle, Elon
- 74 N L Dillard Middle, Yanceyville
- 75 North Elementary, Providence
- 76 Central Davidson Middle, Lexington
- 77 Silver Valley Elementary, Lexington
- 78 Welcome Elementary, Lexington

- 79 Yadkin Valley Regional Career Academy, Lexington
- 80 Mocksville Elementary, Mocksville
- 81 Bolton Elementary, Winston-Salem
- 82 Brunson Elementary, Winston-Salem
- 83 Kimmel Farm Elementary, Winston-Salem
- 84 The North Carolina Leadership Academy, Kernersville
- 85 Paul J. Ciener Botanical Garden, Kernersville
- 86 Pro Humanitate Institute, Winston-Salem **E**
- 87 SciWorks, Clemmons
- 88 Union Cross Elementary, Kernersville
- 89 Winston Salem State University, Winston-Salem **S** **\$**
- 90 Cline Observatory, Guilford Technical Community College, Jamestown
- 91 General Greene School of Science and Technology, Greensboro
- 92 Greensboro Children's Museum, Greensboro
- 93 Greensboro Science Center, Greensboro **\$**
- 94 High Point Museum, High Point
- 95 High Point Public Library, High Point
- 96 High Point University, High Point
- 97 Joint School of Nanoscience and Nanoengineering, Greensboro **E** **\$**
- 98 Kathleen Clay Library, Greensboro
- 99 North Carolina A&T State University, Greensboro **E** **\$**
- 100 Piedmont Environmental Center, Jamestown
- 101 RISE UNCG, Greensboro **E** **\$**
- 102 You CAN do the Rubik's Cube, Greensboro **S**
- 103 Archdale Elementary, Archdale





101

**UNCG Science Everywhere**

**GREENSBORO**

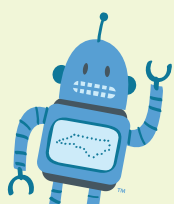
- 104 Coleridge Elementary, Coleridge
- 105 Northeastern Randolph Middle, Liberty
- 106 Randleman High, Randleman
- 107 Randleman Middle, Randleman
- 108 Randolph Community College, Asheboro
- 109 Draper Elementary, Eden
- 110 Lincoln Elementary, Ruffin
- 111 Mayo River State Park, Mayodan
- 112 Nancy Reynolds Elementary, Westfield
- 113 Pilot Mountain Middle, Pilot Mountain
- 114 Pilot Mountain State Park, Pinnacle
- 115 Surry Community College, Dobson
- 116 White Plains Elementary, Mount Airy
- 117 Jonesville Elementary, Jonesville

**NORTH CENTRAL**

- 118 Morehead Planetarium and Science Center Outreach, Apex

- 119 North Chatham School, Chapel Hill
- 120 Silk Hope School, Siler City
- 121 Duke University, Durham
- 122 Durham County Soil and Water Conservation District, Bahama
- 123 Durham County Library - South Regional Library, Durham
- 124 Durham Parks and Recreation, Durham
- 125 Fayetteville Street Elementary, Durham
- 126 Morehead Planetarium and Science Center Outreach, Research Triangle Park
- 127 Museum of Life and Science, Durham
- 129 North Carolina School of Science and Mathematics, Durham
- 130 Piedmont Wildlife Center, Durham
- 131 R.N. Harris Magnet Elementary, Durham
- 132 School for Creative Studies, Durham
- 133 Schoolhouse of Wonder, Durham
- 134 Sherwood Githens Middle, Durham
- 135 STEM For Kids, Durham
- 136 U.S. Environmental Protection Agency, Research Triangle Park

- 137 US2020 RTP, RTP
- 138 Voyager Academy, Durham
- 139 Coker Wimberly Elementary, Battleboro
- 140 Martin Millennium Academy, Tarboro
- 141 Stocks Elementary, Tarboro
- 142 Louisburg High, Louisburg
- 143 G. C. Hawley Middle, Creedmoor
- 144 Granville County Library System - South Branch Library, Creedmoor
- 145 Granville County Library System - Thornton Library, Oxford
- 146 Granville County Schools, Oxford
- 147 Friends of Raven Rock State Park, Lillington
- 148 Randall D. Shughart Elementary, Cameron
- 149 Shughart Middle, Cameron
- 150 Wayne Avenue Elementary, Dunn
- 151 Benson Elementary, Benson
- 152 Cleveland Middle, Garner
- 153 Four Oaks Elementary, Four Oaks
- 154 Howell Woods Environmental Learning Center and Johnston Community College, Four Oaks
- 155 McGee's Crossroads Elementary, Angier
- 156 Neuse Charter School, Smithfield
- 157 Riverwood Middle, Clayton
- 158 Wilson's Mills Elementary, Clayton
- 159 J. Glenn Edwards Elementary, Sanford
- 160 Englewood Elementary, Rocky Mount
- 161 Middlesex Elementary, Middlesex
- 162 Nash Central Middle, Nashville
- 163 Nashville Elementary, Nashville





**164 Rocky Mount Children's Museum & Science Center**, Rocky Mount ★

**165 Rocky Mount Preparatory**, Rocky Mount ↻

**166 Cameron Park Elementary**, Hillsborough ↻

**167 Chatham Middle**, Chapel Hill 🧪

**168 Eno River State Park**, Durham ★

**169 Flyleaf Books**, Chapel Hill

**170 Kidzu Children's Museum**, Chapel Hill

**171 Little River Regional Park & Natural Area**, Rougemont ★

**172 Morehead Planetarium and Science Center**, Chapel Hill S ★ E

**173 NC DNA Day**, Chapel Hill

**174 Seawell Elementary**, Chapel Hill ↻

**175 UNC-Chapel Hill, Kenan Institute of Private Enterprise**, Chapel Hill

**176 Oak Lane Elementary**, Hurdle Mills ↻

**177 Southern Vance High School**, Henderson

**178 A.B. Combs Elementary**, Raleigh ↻

**179 American Tobacco Trail**, Wake County Parks, Apex ★

**180 Annie Louise Wilkerson, MD, Nature Preserve Park**, Raleigh ★

**181 Big Brothers Big Sisters of the Triangle**, Raleigh \$\$

**182 Blue Jay Point County Park**, Raleigh

**183 CAML Academy**, Cary

**184 Carolina Brewing Company**, Holly Springs

**185 Centennial Campus Middle**, Raleigh 🧪

**186 City of Raleigh Solid Waste Services Department**, Raleigh

**187 Douglas Elementary**, Raleigh ↻

**188 Durant Nature Preserve**, Raleigh

**189 Falls Lake State Recreation Area**, Wake Forest ★

**190 Goddard School**, Raleigh

**191 Harris Lake County Park**, Wake County Parks, Recreation and Open Space, New Hill

**192 Historic Oakwood Cemetery**, Raleigh ★

**193 Hodge Road Elementary**, Knightdale ↻

**194 Holly Ridge Middle**, Holly Springs 🧪

**195 Lake Myra Elementary**, Wendell ↻

**196 Lincoln Heights Elementary**, Fuquay Varina ↻

**197 Marbles Kids Museum**, Raleigh ★

**198 Millbrook Elementary**, Raleigh ↻

**199 MRSEC**, Raleigh S

**200 N.C. Geological Survey**, Raleigh

**201 NC BioNetwork**, Raleigh

**202 NC Museum of Natural Sciences**, Raleigh E \$\$

**204 NC Science Olympiad**, Raleigh

**205 NC State AIAA**, Raleigh

**206 NC State College of Veterinary Medicine**, Raleigh

**207 NC State University**, Raleigh S \$

**208 New Hope Valley Railway**, New Hill

**209 New School Montessori Center**, Holly Springs

**210 North Carolina Museum of Natural Sciences**, Raleigh S ★

**211 Powell GT Elementary**, Raleigh ↻

**212 Raleigh Civic Symphony**, Raleigh

**213 Sertoma Arts Center**, Raleigh

**214 Town of Garner**, Garner ★

**215 Wake County Solid Waste**

**Management Division**, Apex

**216 Wake Young Women's Leadership Academy**, Raleigh 🧪

**217 Wakefield Middle**, Raleigh 🧪

**218 Walnut Creek Wetland Center**, Raleigh

**219 William B. Umstead State Park**, Raleigh ★

**220 Northside K-8**, Warrenton 🧪

**221 Imagination Station Science & History Museum**, Wilson ★

**222 Jones Elementary**, Wilson ↻

**223 Springfield Middle**, Wilson 🧪

**224 Vinson-Bynum Elementary**, Wilson ↻

### NORTHEAST

**225 Aurora Fossil Museum Foundation, Inc.**, Aurora



172

UNC Science Expo

CHAPEL HILL



- 226 Chocowinity Primary,** Chocowinity ↻
- 227 Goose Creek State Park,** Washington
- 228 John Small Elementary,** Washington ↻
- 229 Colerain Elementary,** Colerain ↻
- 230 Camden Intermediate,** Camden ↻
- 231 Dismal Swamp State Park,** South Mills ★
- 232 Edenton Boys and Girls Club,** Edenton
- 233 Historic Edenton State Historic Site,** Edenton
- 234 Currituck Ferry,** Currituck
- 235 Cape Hatteras Elementary,** Buxton
- 236 First Flight Elementary,** Kill Devil Hills ↻
- 237 Jockey's Ridge State Park,** Nags Head **E**
- 238 NC Aquarium on Roanoke Island,** Kill Devil Hills ★
- 239 Outer Banks Children @ Play Museum,** Kitty Hawk **S**
- 240 Buckland Elementary,** Gates ↻
- 241 Merchants Millpond State Park,** Gatesville
- 242 Medoc Mountain State Park,** Hollister
- 243 Sylvan Heights Bird Park,** Scotland Neck \$\$
- 244 Weldon Middle,** Halifax ↻
- 245 Ahoskie Elementary,** Ahoskie ↻
- 246 Riverview Elementary,** Murfreesboro ↻
- 247 Roanoke-Chowan Community College,** Ahoskie
- 248 Mattamuskeet Elementary,** Swan Quarter ↻
- 249 North Carolina Sea Grant,** Swan Quarter
- 250 East End Elementary,** Robersonville ↻



266

**Love a Sea Turtle “Growing Together” Flower Planting Project with Pitt County Boys and Girls Club**

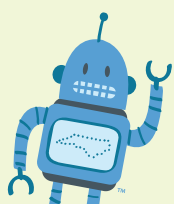
GREENVILLE

- 251 Jamesville Elementary,** Jamesville ↻
- 252 Riverside Middle,** Williamston
- 253 Gaston Elementary,** Gaston ↻
- 254 Willis Hare Elementary,** Pendleton ↻
- 255 Elizabeth City State University,** Elizabeth City
- 256 Pasquotank Elementary,** Elizabeth City ↻
- 257 Port Discover,** Elizabeth City **S** \$\$
- 258 Hertford Grammar,** Hertford ↻
- 259 A Time for Science,** Grifton ★
- 260 Ayden Elementary,** Ayden ↻
- 261 Boys & Girls Clubs - Dr. Ledyard E. Ross Unit,** Winterville ↻
- 262 East Carolina University, Biodiversity Initiative,** Greenville **E**
- 263 Farmville Middle,** Farmville 🌱
- 264 GO-Science,** Greenville
- 265 Historical Museum and Indian Village of Grifton,** Grifton
- 266 Love A Sea Turtle,** Greenville \$\$
- 267 NC Department of Natural and Cultural Resources,** QAR Conservation Lab, Greenville **S** \$
- 268 River Park North,** Greenville
- 269 Rum Runner Dive Shop,** Greenville **S**
- 270 Columbia Library,** Columbia





- 271 Creswell Elementary,** Creswell ↻
- 272 Pettigrew State Park,** Creswell



**SOUTHEAST**



- 273 Bald Head Island Conservancy,** Bald Head Island
- 274 Belville Elementary,** Leland ↻
- 275 Ingram Planetarium,** Sunset Beach ★
- 276 NC Science Olympiad,** Shallotte
- 277 Shallotte Middle,** Shallotte 🌱
- 278 Union Elementary,** Shallotte ↻
- 279 Beaufort Elementary,** Beaufort ↻
- 280 Core Sound Waterfowl Museum & Heritage Center,** Harkers Island
- 281 Down East Middle and Smyrna Elementary,** Smyrna 🌱 ↻
- 282 Fort Macon State Park,** Atlantic Beach ★
- 283 North Carolina Maritime Museum,** Beaufort
- 284 UNC Institute of Marine Sciences,** Morehead City
- 285 Ben D. Quinn Elementary,** New Bern ↻
- 286 Graham A. Barden Elementary,** Havelock ↻
- 287 Oaks Road Elementary,** New Bern ↻












- 288 Trent Park Elementary, New Bern 
- 289 B.F. Grady Elementary, Albertson 
- 290 Beulaville Elementary, Beulaville 
- 291 Kenansville Elementary, Kenansville 

- 303 Children’s Museum of Wilmington, Wilmington
- 304 Fort Fisher State Recreation Area, Kure Beach
- 305 Gregory School of Science, Math and Technology, Wilmington 
- 306 Island Montessori, Wilmington 

- 318 Trexler Middle, Richlands 
- 319 Pamlico County Middle, Bayboro 
- 320 NC Science Olympiad, Rocky Point
- 321 North Topsail Elementary, Hampstead 
- 322 Eastern Wayne Elementary, Goldsboro 
- 323 Eastern Wayne High, Goldsboro 
- 324 Eastern Wayne Middle, Goldsboro 
- 325 Rosewood Elementary, Goldsboro 

**SOUTH CENTRAL**











- 326 Beaver Dam Elementary, Roseboro 
- 327 Elizabethtown Primary, Elizabethtown 
- 328 Jones Lake State Park, Elizabethtown
- 329 Tar Heel Middle School, Tar Heel 
- 330 Turnbull Creek Educational State Forest, Elizabethtown
- 331 Lake Waccamaw State Park, Lake Waccamaw
- 332 Tabor City Elementary, Tabor City 
- 333 Airborne and Special Operations Museum, Fayetteville 
- 334 Armstrong Elementary, Eastover 
- 335 Cape Fear Botanical Garden, Fayetteville 
- 336 Carvers Creek State Park, Spring Lake
- 337 Cumberland County Green Schools, Fayetteville
- 338 Cumberland County Public Library - Bordeaux Branch Library, Fayetteville















301

Statewide Star Party at Carolina Beach

WILMINGTON

- 292 Rose Hill-Magnolia Elementary, Rose Hill 
- 293 Wallace Elementary, Wallace 
- 294 Greene Central High School STEM Academy, Snow Hill
- 295 Jones County Schools, Trenton 
- 296 Neuseway Planetarium, Health & Science Museum, Kinston 
- 297 Northeast Elementary, Kinston 
- 298 Southeast Elementary, Kinston
- 299 Southwood Elementary, Kinston 
- 300 Cameron Art Museum, Wilmington 
- 301 Cape Fear Museum, Wilmington  
- 302 Castle Hayne Elementary, Castle Hayne 

- 307 NC Coastal Land Trust, Wilmington 
- 308 New Hanover County Public Library, Wilmington
- 309 North Carolina Aquarium at Fort Fisher, Kure Beach 
- 310 North Carolina Coastal Reserve & National Estuarine Research Reserve, Wilmington 
- 311 UNC-TV, Wilmington 
- 312 UNC Wilmington, Wilmington   
- 313 Blue Creek Elementary, Jacksonville 
- 314 Dixon Elementary, Holly Ridge 
- 315 Hammocks Beach State Park, Swansboro 
- 316 Jacksonville Commons Elementary, Jacksonville 
- 317 Parkwood Elementary, Jacksonville 



- 339 Cumberland County Public Library - Cliffdale Regional Branch Library,** Fayetteville
- 340 Cumberland County Public Library - Headquarters Library,** Fayetteville
- 341 Cumberland County Public Library - Hope Mills Library,** Hope Mills
- 342 Cumberland County Public Library - North Regional Branch Library,** Fayetteville
- 343 Cumberland County Public Library - Spring Lake Branch Library,** Spring Lake

- 349 Fayetteville Dogwood Festival,** Fayetteville
- 350 Methodist University and Fayetteville State University,** Fayetteville
- 351 NC Science Olympiad,** Hope Mills
- 352 Hoke High School,** Raeford
- 353 Mt. Gilead Elementary,** Mt. Gilead
- 354 Page Street Elementary,** Troy
- 355 Pinehurst Elementary,** Pinehurst
- 356 Vass-Lakeview Elementary,** Vass
- 357 West Pine Middle,** West End

- 366 Robeson Planetarium,** Lumberton
- 367 Union Chapel Elementary,** Pembroke
- 368 Union Elementary,** Rowland
- 369 UNC Pembroke,** Pembroke
- 370 Union Elementary,** Clinton
- 371 Sycamore Lane Elementary,** Laurinburg
- 372 Wagram Elementary,** Wagram

**SOUTHWEST**

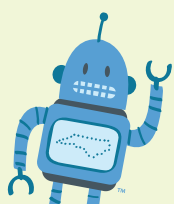
- 373 Pee Dee National Wildlife Refuge,** Wadesboro
- 374 Beverly Hills Elementary,** Concord
- 375 Cabarrus County Public Library - Concord Library,** Concord
- 376 Cabarrus County Public Library - Kannapolis Library,** Kannapolis
- 377 Carolina International School,** Concord
- 378 Coltrane Webb STEM Elementary,** Concord
- 379 Cox Mill High School ChemClub,** Concord
- 380 Cabarrus County Public Library - Harrisburg Library,** Harrisburg
- 381 Cabarrus County Public Library - Mt. Pleasant Library,** Mt. Pleasant
- 382 NC Science Olympiad,** Concord
- 383 Patriots STEM Elementary,** Concord
- 384 Rowan-Cabarrus Community College,** Kannapolis
- 385 Boiling Springs Elementary,** Shelby
- 386 Jefferson Elementary,** Shelby
- 387 Township Three Elementary,** Shelby
- 388 Crowders Mountain State Park,** Kings Mountain
- 389 Gaston College,** Dallas
- 390 Hunter Huss High,** Gastonia














**369** History of the Hubble Telescope  
UNC PEMBROKE

- 344 Cumberland County Public Library - Story Time Room,** Fayetteville
- 345 Cumberland County Public Library - West Regional Branch Library,** Fayetteville
- 346 Cumberland County Schools,** Linden
- 347 Cumberland County Public Library - East Regional Branch Library,** Fayetteville
- 348 Fascinate-U Children's Museum,** Fayetteville

- 358 Weymouth Woods Sandhills Nature Preserve,** Southern Pines
- 359 Fairview Heights Elementary,** Hamlet
- 360 Mineral Springs Elementary,** Rockingham
- 361 Monroe Avenue Elementary,** Hamlet
- 362 Rockingham Middle,** Rockingham
- 363 Lumber River State Park,** Orrum
- 364 Pembroke Elementary,** Pembroke
- 365 Pembroke Middle,** Pembroke




















- 391 Schiele Museum of Natural History, Gastonia
- 392 James H. Lynn Planetarium, Gastonia 
- 393 W P Grier Middle, Gastonia 
- 394 Woodhill Elementary, Gastonia 
- 395 Cloverleaf Elementary, Statesville 
- 396 Lake Norman State Park, Statesville 
- 397 West Lincoln High, Lincolnton
- 398 Barringer Academic Center, Charlotte 
- 399 Blythe Elementary, Huntersville 
- 400 Carolina Raptor Center, Huntersville 
- 401 Carolinas Aviation Museum, Charlotte
- 402 Carowinds, Charlotte
- 403 Central Piedmont Community College, Charlotte  
- 404 Charlotte Mecklenburg Library - Myers Park, Charlotte
- 405 Charlotte Mecklenburg Library - Beatties Ford Road Regional, Charlotte 
- 406 Charlotte Mecklenburg Library - Cornelius, Cornelius
- 407 Charlotte Mecklenburg Library - Davidson, Davidson
- 408 Charlotte Mecklenburg Library - Hickory Grove, Charlotte
- 409 Charlotte Mecklenburg Library - ImaginOn, Charlotte
- 410 Charlotte Mecklenburg Library - Independence, Charlotte
- 411 Charlotte Mecklenburg Library - Main, Charlotte
- 412 Charlotte Mecklenburg Library - Matthews, Matthews
- 413 Charlotte Mecklenburg Library - Mint Hill, Charlotte
- 414 Charlotte Mecklenburg Library - Mountain Island, Charlotte



403

CPCC Advanced Manufacturing Awareness Day

CHARLOTTE

- 415 Charlotte Mecklenburg Library - North County Regional, Huntersville
- 416 Charlotte Mecklenburg Library - Plaza Midwood, Charlotte
- 417 Charlotte Mecklenburg Library - Scaleybark, Charlotte
- 418 Charlotte Mecklenburg Library - South County Regional, Charlotte
- 419 Charlotte Mecklenburg Library - Steele Creek Library, Charlotte
- 420 Charlotte Mecklenburg Library - Sugar Creek, Charlotte
- 421 Charlotte Mecklenburg Library - University City, Charlotte
- 422 Charlotte Mecklenburg Library - West Boulevard, Charlotte
- 423 Discovery Place, Charlotte 
- 424 Discovery Place KIDS - Huntersville, Huntersville
- 425 FIRST North Carolina, Charlotte
- 426 Makerspace Charlotte, Charlotte
- 427 Metrolina Regional Scholars Academy, Charlotte 
- 428 Morehead Planetarium and Science Center Outreach, Charlotte 
- 429 Paw Creek Elementary, Charlotte 
- 430 Spandex City Comics, Charlotte
- 431 St. Patrick Catholic Elementary, Charlotte 
- 432 UNC Charlotte, Charlotte   
- 433 Cleveland Elementary, Cleveland 
- 434 Granite Quarry Elementary, Salisbury 
- 435 Knox Middle, Salisbury 
- 436 Woodrow Wilson Elementary, Kannapolis 
- 437 Albemarle Middle, Albemarle 
- 438 Morrow Mountain State Park, Albemarle 
- 439 Richfield Elementary, Richfield 
- 440 Stanly Community College, Albemarle
- 441 Master Gardeners of Union County, Monroe
- 442 Rocky River Elementary, Monroe 
- 443 Stallings Elementary, Stallings 





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