VIRGINIA TECH

SCIENCE FESTIVAL

October 8, 2016
10:00 a.m. – 3:00 p.m.

Moss Arts Center • Alumni Mall • Henderson Lawn
College Avenue • Newman Library
Moss Arts Center

ICAT Learning Studio
(F1 on map)
First Appalachian Robotics
Build and Program Lego Robots with the Tuxedo Pandas
New River Robotics Association / Tuxedo Pandas
FTC Team 4924
Robotics with Virginia Tech Integrative STEM Education
Virginia Tech Integrative STEM Education
Steam-powered Production of Olive Oil using Digital Games and Virtual Environments
Center for Human-Computer Interaction
Integrated Computational Thinking and Chemistry Learning
Center for Human-Computer Interaction
CHEM+C Project

ICAT Observation Studio
(F2 on map)
Mirror Worlds
Institute for Creativity, Arts, and Technology
Cube (H on map)
Visualizing Subatomic Physics in the Belle II Detector
Institute for Creativity, Arts, and Technology

ICAT Experience Studio
(N on map)
Plasma - Hand Tracking, Particle Physics, & Projection Mapping
Institute for Creativity, Arts and Technology

ICAT Perform Studio (M on map)
Krinkle Cube
Center for Human-Computer Interaction 3DI group

Moss Arts Center Grand Lobby (G on map)
501st Legion's Garrison Tyranus Star Wars costuming organization
Garrison Tyranus
501st Legion
Science is Bigger Than You Think
Science Museum of Western Virginia
Science Festival Photobooth
Virginia 4-H
Classic Tech Toys
Craig County 4-H
Giles County 4-H

Moss Arts Center Orchestra Lobby (I on map)
Improving Ergonomics with 3D Printing Formy
Musical Robots
Institute for Creativity, Arts, and Technology
Carilion Children's Teddy Bear Clinic
Carilion Clinic
Glo Germ: The Glo Germ "kit" shows kids where germs hide on their hands... even when they look clean.
Carilion Clinic
Sun Damage Viewer: DermaScan electronic ultraviolet light source for viewing damage to facial skin
Carilion Clinic
You are More than a Number on a Scale
Carilion Wellness
Carilion Home Health Care: Featuring Telehealth, Monitoring patient care at home through technology
Carilion Clinic Home Health Care
Carilion Clinic Hospice
Carilion Children's: Virus Tracker
Carilion Clinic

Moss Arts Center Mezzanine Lobby (J on map)
Bug Talk
VT Biological Sciences and Entomology Departments
NanoEarth Demonstrates Nanotechnology in the Environment
Discovering Senses with the Neuroscience Club
Neuroscience Club at Virginia Tech
Microbiology Club of Virginia Tech
Roachzilla!
Radford University Ecophysiology Lab
Smaller, Faster, Smarter!
Virginia Tech Biological Sciences
Regenerative Medicine Across All Species
Regenerative Medicine Interdisciplinary Graduate Education Program (RM-IGEP)
A Bird in the Hand: How & Why Scientists Study Wild Birds
Virginia Tech Department of Biological Sciences
Mill Mountain Zoo: Conservation Station- Species Survival Depends On You!
Genes in a Bottle
Fralin Life Science Institute

Moss Arts Center Balcony Lobby (K on map)
LEWAS Lab: Be a Watershed Detective!
Virginia Tech LEWAS Lab
The Invisible Stream: Stroubles Creek Advanced Research Computing
What's in your water? Virginia's groundwater and private water supplies: wells and springs
Virginia Cooperative Extension
Virginia Tech Biological Systems Engineering
Looking Down is Looking Up: Why do we work with aerial photography?
Department of Geography, FREC, Virginia View College of Natural Resources and Environment
Shape and Experience a Watershed from Mountains to the Ocean!
Virginia Department of Environmental Quality
Bringing Fossils 'Back to Life'
VT Paleobiology & Geobiology
Reducing Domestic Water Usage
American Water Resource Association at Virginia Tech
Discover the Geosciences!
The Geosciences Modeling & Educational Demonstrations Laboratory (MEDL)
Department of Geosciences, Virginia Tech
### Moss Arts Center Portico
#### VT Physics Outreach
Virginia Tech Physics Department Outreach
Rain location: Moss Arts Center Balcony Lobby

#### Squishy Circuits
Association for Women in Computing (AWC)
Rain location: Moss Arts Center Orchestra Lobby

#### Hyperloop at Virginia Tech
Rain location: Moss Arts Center Portico

### Moss Arts Center Lawn
#### Microbial Ecology in a Bottle
The Strickland Lab at Virginia Tech
Rain location: Moss Arts Center Orchestra Lobby

#### Make a Wearable Greenhouse
NRV Macaroni Kid
Rain location: Moss Arts Center Orchestra Lobby

#### The Balance of Nature
Interfaces of Global Change
Rain location: Newman Library

#### Wave Flume
EWRI/COPRI Student Chapter at Virginia Tech
Rain location: Moss Arts Center Portico

### Alumni Mall
#### Ground Transportation Ambulance
Carilion Clinic Patient Transport
Rain location: Alumni Mall

#### Exploration of Size, from Raindrops to Planets
Design for America at Virginia Tech
Rain location: Newman Library

#### Carilion Children's Ambulance
Carilion Clinic Patient Transport
Rain location: Alumni Mall

### Henderson Lawn
#### Marshmallow Tower
Galipatia Outreach Committee
Rain location: Moss Arts Center

#### Gold Pennies and Film Canister Rockets
Alpha Chi Sigma Virginia Tech
Rain location: Newman Library

#### Exploring the Solar System
Roanoke Valley Astronomical Society
Rain location: Newman Library

#### The Amazing Grain: Thank you, agriculture
Agriculture Economics Club
Rain location: Newman Library

#### ScientificaLEE Amazing!
CurVinci Living Learning Community
Rain location: Newman Library

#### First Appalachian Robotics
High Altitude Balloon Launch at 11 AM

### College Avenue / Plaza
#### The Hybrid Electric Vehicle Team of Virginia Tech
Rain location: Moss Arts Center Portico

#### The Human Powered Submarine Team
Rain location: Moss Arts Center Portico

#### Virginia Tech Formula SAE
Rain location: Moss Arts Center Portico

#### BOLT Electric Motorcycle
Rain location: Moss Arts Center Portico

#### Baja SAE at Virginia Tech
Rain location: Moss Arts Center Portico

#### Are You Gellin'?
Department of Chemistry
Robert B Moore Research Group
Rain location: Moss Arts Center Portico

#### Extracting Strawberry DNA
Biochemistry Club
Rain location: Moss Arts Center Orchestra Lobby

### Newman Library
#### Newman Library Technology Showcase
University Libraries

#### T.E.K. Robotics

#### Makey Makeys and Conductive Play Dough
Roanoke County Public Library

#### Curious Physics Demonstrations for Fun
The Curiosity Shop

#### Chemical Illusions
Department of Chemistry

#### STEM Based Lego Models and Science Scenarios
Bricks 4 Kidz
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