

TRIVIA QUESTIONS
Listed by Exhibit Location



S.E.E.D.
Science Education Enrichment Day

<u>Hitchcock Woods Foundation - The Wonders of the Woods!</u> #1 What do box turtles and pine trees have in common?	<u>Location: QUAD / Exhibit #: QUAD02</u>
<u>Aiken Soil and Water Conservation District - Stormwater Runoff and Water Quality</u> #2 What is stormwater runoff?	<u>Location: QUAD / Exhibit #: QUAD03</u>
<u>Savannah Riverkeeper - Know Your Water</u> #3 What is the name of the prehistoric fish that lives in the Savannah River?	<u>Location: QUAD / Exhibit #: QUAD04</u>
<u>Aiken Beekeepers - Honeybees</u> #4 List 3 fruits honeybees pollinate	<u>Location: QUAD / Exhibit #: QUAD05</u>
<u>Archaeological Society of SC - Archaeological Society of SC - Fall Field Day</u> #5 Who are archaeologists?	<u>Location: QUAD / Exhibit #: QUAD06</u>
<u>N AUGUSTA-BELVEDERE RADIO CLUB/AIKEN COUNTY EMERGENCY MGMT. - WIRELESS COMMUNICATION, THEN & NOW</u> #6 What is the name of the co-inventor of the APPLE computer that was also a Amateur Radio Operator (HAM) with the call sign of WA6BND?	<u>Location: QUAD / Exhibit #: QUAD07</u>
<u>Rainbow Tie Dye Factory - Rainbow Tie Dye Factory</u> #7 What is the rainbow's name?	<u>Location: RPSEC OUTSIDE / Exhibit #: RPSEC01</u>
<u>Astronomy Club of Augusta - Astronomy on the Lawn</u> #9 What temperature is the visible surface of the sun? the corona?	<u>Location: RPSEC LAWN / Exhibit #: RPSEC03</u>
<u>SmartPower - Solarize SC - Solar Demo</u> #10 How many solar panels are required to power the entire United States?	<u>Location: RPSEC OUTSIDE / Exhibit #: RPSEC05</u>
<u>Astronomy Club of Augusta - Astronomy Inside - Zooniverse and The Parker Solar Probe</u> #11 What temperature is the visible surface of the sun? the corona?	<u>Location: RPSEC SOLARIUM / Exhibit #: RPSEC06</u>
<u>SCDHEC - Mining and Reclamation in SC</u> #12 What happens when all the material is removed from a mine?	<u>Location: RPSEC RM 131 / Exhibit #: RPSEC08</u>
<u>SCDHEC - Aquatic Insects as Indicators of Water Quality</u> #13 What happens when all the material is removed from a mine?	<u>Location: RPSEC RM 131 / Exhibit #: RPSEC09</u>
<u>SCDHEC - Radioactive Hide and Seek</u> #14 Are there radioactive materials in my body? If so, name one.	<u>Location: RPSEC RM 131 / Exhibit #: RPSEC10</u>

<u>SCDHEC - RADON Awareness</u> #15 What is Radon?	<u>Location: RPSEC RM 131 / Exhibit #: RPSEC11</u>
<u>Aiken County EMS - The Science of Life and Death</u> #16 What is cardio-pulmonary resuscitation (CPR) and why is it important to know how to do it?	<u>Location: RPSEC RM 131 / Exhibit #: RPSEC12</u>
<u>National Wild Turkey Federation - National Wild Turkey Federation</u> #17 How many turkeys are in North America today?	<u>Location: RPSEC RM 131 / Exhibit #: RPSEC13</u>
<u>Cold Creek Nurseries - Carnivorous Plants</u> #18 What do carnivorous plants trap and digest for nutrition?	<u>Location: RPSEC RM 117 / Exhibit #: RPSEC14</u>
<u>Ruth Patrick Science Education Center - RPSEC Owls</u> #19 How do owls capture their prey?	<u>Location: RPSEC RM 117 / Exhibit #: RPSEC15</u>
<u>Ruth Patrick Science Education Center - RPSEC Live Animals</u> #20 Which salamander is South Carolina's state amphibian?	<u>Location: RPSEC RM 117 / Exhibit #: RPSEC16</u>
<u>University of Georgia Savannah River Ecology Lab - Hidden Biodiversity</u> #21 Why is the Savannah River Site home to tremendous biodiversity?	<u>Location: RPSEC GALLERY / Exhibit #: RPSEC17</u>
<u>Aiken State Park (SCPRT) - SC State Parks</u> #22 How many state parks are in SC?	<u>Location: SAC GYM / Exhibit #: SAC01</u>
<u>Aiken Gem, Mineral and Fossil Society - The Earth's Treasures</u> #23 Name the sheet silicate mineral with nearly perfect basal cleavage?	<u>Location: SAC GYM / Exhibit #: SAC02</u>
<u>IT-oLogy - Robotics and S.T.E.A.M. Hands On Activity</u> #24 When building a circuit, what function does a resistor serve?	<u>Location: SAC GYM / Exhibit #: SAC03</u>
<u>Bricks 4 Kidz - Legos In My Deoxyribonucleic Acid?</u> #25 How far would the DNA from a human's 46 chromosomes stretch, if joined end to end?	<u>Location: SAC GYM / Exhibit #: SAC04</u>
<u>Hole N One Family Fun Center - Newton's Law, Friction and GOLF</u> #26 For every _____ there is an equal and opposite _____.	<u>Location: SAC GYM / Exhibit #: SAC05</u>
<u>ASM International - Materials - "The Real Transformers"</u> #27 What kind of Fuel Cell is used to power the fan?	<u>Location: SAC GYM / Exhibit #: SAC06</u>
<u>Kimberly-Clark Corporation - Paper Making</u> #28 When was toilet paper on a roll first produced in America?	<u>Location: SAC GYM / Exhibit #: SAC07</u>

M'Aiken Magic CSRA Robotics Teams - M'Aiken Magic CSRA Robotics Teams Location: SAC GYM / Exhibit #: SAC08

#29 What is PSI?

American Nuclear Society and Health Physics Society - Our Natural Radioactive World Location: SAC GYM / Exhibit #: SAC09

#30 Name 5 naturally occurring radioactive elements.

Citizens for Nuclear Technology Awareness - Education of Nuclear Uses Location: SAC GYM / Exhibit #: SAC10

#31 What is the largest electrical energy source in the world that does not affect air quality?

SRS-WIN - Nuclear Facts vs. Myths Location: SAC GYM / Exhibit #: SAC11

#32 True or False: Nuclear power plant offers clean energy alternative to fossil fuel.

Millbrook Elementary 4th Grade - Gifted and Talented - Millbrook PLAYS (Powerful Learning Activities for Young Scientists) Location: SAC GYM / Exhibit #: SAC12

#33 What is the area of a pentomino?

EdVenture - EdVenture's STEAMventures Location: SAC GYM / Exhibit #: SAC13

#34 What are the four forces of flight?

Aiken Center for Alcohol and Other Drug Services - Alcohol & Tobacco Awareness Location: SAC GYM / Exhibit #: SAC14

#35 List 5 chemicals found in cigarettes.

American Institute of Chemical Engineers - CSRA - Oscillating Clock Location: SAC GYM / Exhibit #: SAC15

#36 What do chemical engineers do?

Southern Nuclear / Plant Vogtle - Southern Nuclear / Plant Vogtle Location: SAC GYM / Exhibit #: SAC16

#37 What is visible above the Plant Vogtle cooling towers?

Savannah River Nuclear Solutions - Education Outreach - Let's Build a Gumdrop Dome Location: SAC GYM / Exhibit #: SAC17

#38 True/False: Buildings/structures built with triangles are more stable (stronger) than buildings/structures built with only squares?

Smart911 Aiken County GeoServices accompanied by City of Aiken and City of North Augusta - Smart911 Seconds Saves Lives Location: SAC GYM / Exhibit #:

#39 How can you relay directions in the event of an emergency without speaking?

Aiken County Stormwater - Keep Our Waters Clean Location: SAC GYM / Exhibit #: SAC19

#40 Once something is swept, blown or washed into a catch basin where does it go?

The Wacky Science Lab - The Wacky Science Lab Location: SAC GYM / Exhibit #: SAC20

#41 What are the different types of matter?

Charleston Fossil Adventures, LLC - Fossils of the SC Lowcountry Location: SAC GYM / Exhibit #: SAC21

#42 What common climate was experienced in North America during the Pleistocene Epoch?

South Carolina State Museum - Creative Forces in Motion Location: SAC GYM / Exhibit #: SAC22

#43 What are the four basic principles of aerodynamics?

USC Aiken - Exercise and Health Science - Exercise and Health Science Measurements Location: SAC LOBBY / Exhibit #: SAC23

#44 Why is the systolic blood pressure always higher than the diastolic blood pressure (example, 110/70)?

Columbia Marionette Theatre-PalmettoPride - Palmetto Pride's "Litter Trashes Everyone" Puppet Show Location: SAC LOBBY / Exhibit #: SAC23

#45 Who does litter trash?

USC Aiken Horticulture Club - Horticulture Club Location: SAC PATIO / Exhibit #: SAC24

#46 How do plants make their food?

USC Aiken Neuroscience Club - Neuroscience - come learn about the brain! Location: SAC PATIO / Exhibit #: SAC25

#47 What animal has the biggest brain?

USC Aiken Department of Mathematical Sciences - Mathematical Games Location: SAC LOBBY / Exhibit #: SAC26

#48 What is a tangram?

SRS Edible Earth Volunteers - When Soil Gets Dirty: Edible Earth Parfait Location: SAC LOBBY / Exhibit #: SAC27

#49 Why do we care if the soil gets dirty (contaminated)?

USC Aiken Student Nurses Association - Chokin' Charlie Location: SAC LOBBY / Exhibit #: SAC29

#50 What is the most common food item that causes choking in children?

EDSE 453: Science Methods of Instruction - Rocket Races Location: SAC 2ND FLOOR / Exhibit #: SAC30

#51 How does the volume of air in the balloon effect the speed of the balloon rocket?

North Augusta Middle School - The Incredible Edible Cell Location: SAC 2ND FLOOR / Exhibit #: SAC31

#52 Which organelle of a cell is known as the 'powerhouse' because it makes energy?

North American Young Generation in Nuclear-NAYGN - Nuclear Energy and Radioactivity in Our Environment Location: SAC 2ND FLOOR / Exhibit #: SAC32

#53 How does Uranium typically enter the human body?

New Ellenton STEAM Magnet Middle School - Puff Mobile and Puff Rockets Location: SAC 2ND FLOOR / Exhibit #: SAC33

#54 List 3 steps in the Engineering Design Process

SRNS IT - Kids' Internet Safety Location: SAC 2ND FLOOR / Exhibit #: SAC34

#55 Name 1 of the 5 Internet safety tips for kids.

USC Aiken - Dept. of Biology and Geology - Dept. of Biology and Geology: plants and animals Location: SCIENCE BLDG. 212 / Exhibit #: SCIENCE03

#56 How many hemispheres does a sheep brain have?