

TRIVIA QUESTIONS
Listed by Exhibit Location



31ST ANNUAL
S.E.E.D.
Science Education Enrichment Day

Hitchcock Woods Foundation - The Wonders of the Woods! Location: QUAD / Exhibit #: QUAD02

#1 Do box turtles and pine trees have in common?

Aiken County Beekeepers - Benefits of Honeybees Location: QUAD / Exhibit #: QUAD03

#2 What are the benefits we get from honeybees?

Phinizy Center for Water Sciences - Creek Bugs Location: QUAD / Exhibit #: QUAD04

#3 Many insects spend the first stages of their lives in water. What is the name of the process insects go through to become adults?

Aiken Soil and Water Conservation District - Healthy Soil Location: QUAD / Exhibit #: QUAD05

#4 What soil type is common here in Aiken?

Archaeological Society of SC - Archaeological Society of SC - Fall Field Day Location: QUAD / Exhibit #: QUAD06

#5 Who are archaeologists?

North Augusta-Belvedere Amateur Radio Club-Aiken County Emergency Mgmt. - Wireless Communication, Then and Now Location: QUAD / Exhibit #: QUAD07

#6 What is the unit of measure for radio frequency used today?

University of Georgia's Savannah River Ecology Laboratory - Hidden Biodiversity Location: RPSEC GALLERY / Exhibit #: RPSEC15

#7 Why is the Savannah River Site home to tremendous biodiversity?

Astronomy Club of Augusta - Astronomy on the Lawn Location: RPSEC LAWN / Exhibit #: RPSEC03

#8 A. What are the 4 requirements for a DWARF PLANET? B. Name the 5 dwarf planets accepted by the IAU, in order. C. Where are we searching for more?

DuPont Planetarium - The Great American Solar Eclipse Location: RPSEC LAWN / Exhibit #: RPSEC05

#9 When is the Great American Solar Eclipse?

Rainbow Tie Dye Factory - Rainbow Tie Dye Factory Location: RPSEC OUTSIDE / Exhibit #: RPSEC01

#10 What is the rainbow's name?

Ruth Patrick Science Education Center - RPSEC Live Animals Location: RPSEC RM 117 / Exhibit #: RPSEC13

#11 Which snake is able to eat a venomous snake as its prey?

RPSEC - Ravenous Raptors - RPSEC - Ravenous Raptors Location: RPSEC RM 117 / Exhibit #: RPSEC14

#12 Which owl does not hoot but sounds more like a neighing horse?

SCDHEC - Mining and Reclamation in SC Location: RPSEC RM 131 / Exhibit #: RPSEC07

#13 What happens when all the material is removed from a mine?

SCDHEC - RADON Awareness Location: RPSEC RM 131 / Exhibit #: RPSEC08

#14 What is Radon?

SCDHEC - Aquatic Insects as Indicators of Water Quality Location: RPSEC RM 131 / Exhibit #: RPSEC09

#15 Name one of the pioneers of using insects to test water quality.

SCDHEC - Radioactive Hide and Seek Location: RPSEC RM 131 / Exhibit #: RPSEC10

#16 Are there radioactive materials in my body? If so, name one.

Aiken County EMS - The Science of Life and Death Location: RPSEC RM 131 / Exhibit #: RPSEC11

#17 What is cardio-pulmonary resuscitation (CPR) and why is it important to know how to do it?

Savannah Riverkeeper - Savannah Riverkeeper Location: RPSEC RM 131 / Exhibit #: RPSEC12

#18 What can aquatic insects tell us about water quality?

Aiken State Park (SCPRT) - South Carolina Park Service Location: SAC / Exhibit #: SAC01

#19 How many state parks are there in SC?

New Ellenton STEAM Magnet Middle School - Puff Mobile Location: SAC 2ND FLOOR / Exhibit #: SAC28

#20 List 3 steps in the Engineering Design Process

Cyber Instructional Academy - MacGyver Wind Turbine Location: SAC 2ND FLOOR / Exhibit #: SAC29

#21 Why is Wind Power not an economical source of energy in the CSRA?

North American Young Generation in Nuclear-NAYGN - Nuclear Energy and Radioactivity in Our Environment Location: SAC 2ND FLOOR / Exhibit #: SAC30

#22 What is the average capacity factor of nuclear power plants in the US in 2015 and how does that compare to the capacity factor of coal power plants?

Aiken Gem, Mineral and Fossil Society - The Earth's Treasures Location: SAC GYM / Exhibit #: SAC02

#23 What rock contains the Durham Mine fossils?

SRNS Aspiring Mid-Career Professional (AMP) - Nanotechnology Location: SAC GYM / Exhibit #: SAC03

#24 (A). How do some insects walk on water?
(B). How does surface area affect the interaction?

Bricks 4 Kidz - Legos In My Deoxyribonucleic Acid? Location: SAC GYM / Exhibit #: SAC04

#25 How far would the DNA from a human's 46 chromosomes stretch, if joined end to end?

Hole N One Family Fun Center - Newton's Law, Friction and GOLF.

Location: SAC GYM / Exhibit #: SAC05

#26 For every _____ there is an equal and opposite _____.

Kimberly-Clark Corporation - Paper Making

Location: SAC GYM / Exhibit #: SAC06

#27 When was toilet paper on a roll first produced in America?

Aiken County Robotics - Aiken County Robotics

Location: SAC GYM / Exhibit #: SAC07

#28 What is PSI?

American Nuclear Society and Health Physics Society - Our Natural Radioactive World

Location: SAC GYM / Exhibit #: SAC08

#29 Name 5 naturally occurring radioactive elements.

SRS-WIN - Tic-Tac-Dose

Location: SAC GYM / Exhibit #: SAC09

#30 What is the average annual radiation dose per person? A. 520 millirems B. 220 millirems C. 620 millirems D. 120 millirems

Citizens for Nuclear Technology Awareness (CNTA) - CNTA Educational Programs

Location: SAC GYM / Exhibit #: SAC10

#31 Name two sources of base load power generation?

GIRL SCOUT TROOP 535 - GIRLS IN SCIENCE

Location: SAC GYM / Exhibit #: SAC11

#32 What does an Oceanographer do?

WJBF New Channel 6 - Broadcast Meteorology

Location: SAC GYM / Exhibit #: SAC12

#33 What was the hottest temperature ever recorded in Augusta, Georgia?

Aiken Center for Alcohol and Other Drug Abuse Services - Drug Abuse Prevention

Location: SAC GYM / Exhibit #: SAC13

#34 Name five chemicals found in tobacco smoke.

AICHE- CSRA - Oscillating Clock

Location: SAC GYM / Exhibit #: SAC14

#35 What do chemical engineers do?

Southern Nuclear Co / Plant Vogtle - Plant Vogtle

Location: SAC GYM / Exhibit #: SAC15

#36 What is emitted from the top of Plant Vogtle's 550 feet tall cooling towers?

Savannah River Nuclear Solutions - Education Outreach - Gumdrop Domes

Location: SAC GYM / Exhibit #: SAC16

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

Millbrook Elementary 4th Grade - Gifted and Talented - Millbrook PLAYS (Powerful Learning Activities for Young Scientists) Location: SAC GYM / Exhibit #: SAC17

#38 What is the area of a pentomino?

Smart911 from Aiken County GeoServices, Aiken Dept. of Public Safety and North Augusta Dept. Public Safety - Smart 911 - Aiken County Government Services

#39 How can you relay directions to your house in the event of an emergency?

Aiken County Stormwater Division - Aiken County Stormwater

Location: SAC GYM / Exhibit #: SAC19

#40 How much total raw waste does a 1000 pound horse produce per day?

Allnex, Inc - Get Slimmed

Location: SAC GYM / Exhibit #: SAC20

#41 What 2 solutions are combined to make slime?

USCA Exercise and Health Science - Exercise and Health Science Measurements

Location: SAC LOBBY / Exhibit #: SAC21

#42 Why is the systolic blood pressure always higher than the diastolic blood pressure (E.g. 110/70)?

Savannah River Nuclear Solutions, LLC - When Soil Gets Dirty: Edible Earth Parfait

Location: SAC LOBBY / Exhibit #: SAC22

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

USCA - Department of Mathematical Sciences - Mathematical Games

Location: SAC LOBBY / Exhibit #: SAC24

#44 What does tangram mean?

Clemson University Extension Service (4-H) - Garden in a Glove and Pollination

Location: SAC LOBBY / Exhibit #: SAC25

#45 What do you need to give seeds to make them germinate?

theClubhou.se - Sumo Robot League

Location: SAC LOBBY / Exhibit #: SAC26

#46 What process is used to create the Sumo Robots?

USCA Student Nurses Association - Chokin' Charlie

Location: SAC LOBBY / Exhibit #: SAC27

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

USCA Horticulture Club - Homegrown Plant Sale

Location: SAC PATIO / Exhibit #: SAC23

#48 What is the difference between a succulent and a house plant?

USCA and Augusta University Chemistry Departments - Solving Mysteries Through Chemistry

Location: SCIENCE BLDG. / Exhibit #: SCIENCE01

#50 What chemical glows in the presence of blood?

American Chemical Society - Savannah River Section and Augusta University - Solving Mysteries Through Chemistry

Location: SCIENCE BLDG. / Exhibit #: SCIENCE02

#49 What chemical glows in the presence of blood?

USCA Department of Biology and Geology - Open Greenhouse

Location: USCA GREENHOUSE / Exhibit #: SCIENCE03

#51 How do plants talk to each other?

ASM International - Materials - "The Real Transformers"

Location: SAC GYM / Exhibit #: SAC 5B

#52 What kind of Fuel Cell is used to power the fan?