

FSN Presentations

Owl Pellet Exploration

Most birds cannot chew their food and owls are no exception. Owls usually swallow their prey whole. However, owls cannot digest all the food they swallow. The indigestible material left such as teeth, skulls, claws, and fur must be regurgitated. The regurgitated pellets are known as owl pellets. Join the Dunwoody Nature Center as we dissect owl pellets discovering what prey owls have recently consumed. LOCATION: ROOM 255

Skulls and Scat: Learning from What Animals Leave Behind

Discover present day and ancient animals that called Georgia home. Participants will investigate the skull adaptations and scat samples from different species to determine what they eat. Join Fernbank Museum staff to look at modern-day species first and then use the patterns we find to look at prehistoric species. LOCATION: ROOM 253

Wind Energy – Powering the Future

Come see SPARK dad, Mike Ebner!! Want to know more about how Wind Turbines are built and how they work? In this hands-on demonstration, we will use a wind turbine model to learn more about the factors that influence wind turbine design. In addition, we will talk about the transport of wind turbine components, wind turbine installation, and how clean power from wind energy will help shape our world's Energy future. LOCATION: ROOM 251

How Wounds Heal

Come join Dr Kimberly Singh, a SPARK mom, of Panacea Plastic Surgery, to investigate pigs' feet and watch how surgeons can close them up after injury. Let's talk about wound healing in general. LOCATION: ROOM 111

The Truth about Forensics!

Come see a real Atlanta Police Department scientist, Candace Walker, explain the differences between the forensic disciplines and what areas of study will help in those disciplines. LOCATION: ROOM 113

How Does the CDC Help Prevent Disease Transmission?

SPARK mom, Allyson Brown, will help you try on a CDC HAZMAT suit! Participate in the Glo-Germ activity with the black light so you can see the spread of germs for a simple common cold. Learn how we can use hand washing hygiene to protect ourselves and why first responders use different levels of protective suits to protect against mold and environmental hazards during a hurricane and other higher level suits to protect against Ebola. LOCATION: ROOM 157

Buckets O' Fun - Build ceiling high structures in the Gym in minutes

Parents and kids will participate in team building experiences creating giant towers and walls of 3 gallon buckets. Some reaching to the ceiling of the Gym. And of course knocking them down is lots of fun too. Then we build something else again bigger and better, Teamwork and cooperation are required. Can you do it in Silence with hand signals? Dave Savage brings his "Cup Man" presentations to schools and youth groups and uses the cups in team and creativity building exercises for groups and organizations. You'll want to be there to build and watch what others create really impressive structures in minutes. Be sure to bring your camera! Who are the faster builders, kids or adults? For inspiration, see Dave's website for pictures of what has been created in the past. And you'll find other fun learning and development things to do with kids at davesavage.com too. LOCATION: Gym

Explore STEAM Through Theater

Predict, experiment, share! In this interactive workshop with an Alliance Theatre teaching artist, learn how to use drama, music, and movement to investigate how science is all around us. LOCATION: ROOM 108

The Art of Falconry

Come see Pepper, the redtail hawk, and learn a bit of history, physiology, hawks in nature, and a bit of philosophy about dealing with raptors. While Bill Maxon, from the Georgia Falconry Association, is an expert in molecular aerodynamics, hawks are way cooler. LOCATION: ROOM 151

Dogs Who Go Everywhere

Come meet Temple, the service dog, and learn about the ways service dogs from Canine Assistants help us every day. We'll have some slides to watch; you can visit and pet Temple; and please ask questions! NOTE: Peanut butter is used as a reward for Temple; please consider this if you have severe allergies. LOCATION: ROOM 110

SPARK Computer Programming

Come do computer programming and write code with Mr. Mckie!! LOCATION: Computer Lab (basement of Briarcliff)