

Science Explorers in Nature Environmental Engineering Recruitment PowerPoint Script

Slide 1: Information on slide

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Slide 5: Information on slide

Slide 6: Making flubber to imitate glacial movements. Using bubbles to discuss prisms and surface tension. Glow sticks in different temperature water to demonstrate molecular speed.

Slide 7: As part of camp, students go on outdoor adventures every day.

Slide 8: Using the scientific method in thumb wrestling. Keeper of the Fire game to learn names and build relationships. Developing leadership and teamwork through communication to get through an obstacle course.

Slide 9: Discussing how energy is transferred in a food web. Learning identification marking of birds to identify species. Classifying species as vertebrates or invertebrates.

Slide 10: Using cookies to learn about mining and the importance of natural resources. Journaling to express camper's feelings of camp and to write poems.

Slide 11: Students pair up and design their own real-world scientific experiment. The last day of camp is an Open House/Graduation Ceremony where the students present their projects to parents, family, friends, and LCFPD officials.

Slide 12: Environmental Engineering theme: design paper planes based off of raptor body shape, build a bat house, learn how glaciation shaped Lake County, demonstrate survival skills in the wild, mimic wildlife architecture

Slide 13: Biodiversity Theme: species count during hikes, trail camera species identification and habitat comparison, schoolyard habitat development, bird watching, reptile and amphibian discovery

Slide 14: Environmental Forensics theme: solve crime scenes, visit with a LCFPD ranger police officer, become a detective during a visit from two USFWS wildlife inspectors, perform necropsies on dead wildlife

Slide 15: Increase the health and diversity of the LCFPD by helping clean seeds, plant shrubs in wetlands, plant plugs at the native nursery, or pull non-native, invasive plants

Slide 16: Three days of the program are spent exploring and enjoying up to six different Lake County Forest Preserves.

Slide 17: Information on slide

Slide 18: Report Card and Recommendation Form can be submitted at a later time than the application but still needs to be postmarked by Friday, April 28. Send application to: Melissa Alderson, Science Explorers in Nature, Lake County Forest Preserves, 21950 N Riverwoods Road, Riverwoods, IL 60015

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