

Spring 2018 Youth Science Classes

Classes begin the week of February 5th and end the week of March 19th. (7 weeks). Youth Science Classes are non-profit, and we strive to keep costs as low as possible. For registration and additional program information, please see the Science Outreach website at https://www.georgefox.edu/science_outreach or call the Science Outreach Coordinator at 503-554-2728.

Explore the World Around us!

Ages 6 to 8 (\$60.00)

Fridays, 2:00pm-3:00pm, First class is February 9th., EHS Room 103
Teachers: Camilla Carpenter and Kristina Peterson

Do you enjoy exploring and learning about new places? Then get ready for an adventure that will take you to all corners of the world. We will dive into the diverse attributes of several different habitats. Our classroom will take you to deserts, the arctic, forests, oceans, grasslands, and fresh water environments. Join us as we look at the weather patterns, flora, and fauna of each place and discover the hidden treasures we hold.

Falling for Physics

Ages 9-11 (\$70.00)

Thursdays, 3:30pm-5:00pm, First Class is February 8th., EHS Room 103
Teachers: David Howell and Natalie Amodei

Students will explore how they personally interact with physics on a daily basis. Through hands-on-activities, we will develop an understanding of the physical laws that govern our world in an exciting and interactive lab. This course will include experiments with flight, gravity, buoyancy, and light as students discover how motion, forces, and energy work together to create the physical environment familiar to us. We will be dropping objects from great heights to better understand gravity and mass, and we will be exploring surface tension by observing how things float or hold water. There will be some fire as well. Come join us and get the opportunity to be a scientist!

Coding Explorations

Ages 12-14 (\$80.00)

Mondays, 2:30-4:30pm, First Class is February 5th., MLRC 020 (Murdock Learning Resource Center is the library. Class is in the basement.)
Teachers: Luke Nelson and David Degnan

Are you interested in making video games, learning data analysis, or writing computer code that will impress your friends? Sign up for Coding Explorations Course! We will be making video games in Scratch, learning how to code Python and R, writing formulas in excel, and conducting basic Physics experiments. This class is a multi-disciplinary science course which fuses Biology, Chemistry, Physics and Computer Science. Let's learn together.