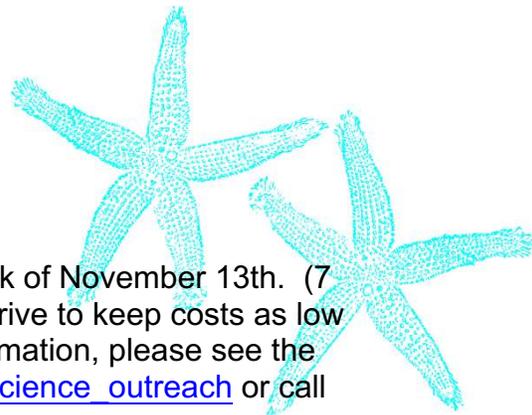


Fall 2017
Youth Science Classes



Classes begin the week of October 2nd and end the week of November 13th. (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 http://www.georgefox.edu/science_outreach or call Lorie Brubaker at 503-554-2728.

Energize Up! Ages 6 to 8 (\$60.00)

Fridays, 10:30am-11:30am, First class is October 6th, EHS Room 103

Teachers: Camilla Carpenter and Lorie Brubaker

Looking for a place where your student can learn and get their energy out at the same time? Well look no further. “Energize up” provides an introduction to the ideas of energy; students will actively engage in learning about specific types of energy and the practical sources of energy. We will explore a new type of energy each week following the “MELTS” method: Mechanical, Electrical, Light, Thermal, and Sound energies. Hands-on activities will help them identify these types of energies in their surroundings and enhance their understanding of everything that energizes our world. We are excited to have you as scientists in our classroom!

Fundamentals of Chemistry Ages 9-11 (\$70.00)

Wednesdays, 3:30pm-5:00pm, First Class is October 4th, EHS Room 320

Teachers: Jesse Allen and Brittany Curtiss

Welcome to the Fundamentals of Chemistry! Have you ever wondered why chemistry is so important? In this class we will learn about the building blocks of the entire universe. These elements work together in endless ways to create some of the most spectacular marvels, from blasting rocket ships into space to creating medicines that cure disease. We will look at individual elements, such as oxygen, all the way up to chemical reactions involving millions of molecules. Each week we will perform a different experiment, so get ready to have a terrific time!

Body Systems: Structure and Function Ages 12-14 (\$80.00)

Mondays, 2:00pm-4:00pm, First Class is October 2nd, EHS Room 103

Teachers: Luke Nelson and David Degnan

This semester we are teaching a class focusing on how the human body is structured and how those structures function. As we explore in depth the awesome details of the major organ systems we will be using multiple classroom demonstrations and even some dissection. To deepen our understanding we will also compare how human organs work to those of selected animals. It will be fascinating exploring how our bodies work and then seeing how different animals accomplish the same tasks.