

2023 Fall Super Saturday

Pre K - K (9:00am - 12:00pm)

Visual Math: In concepts such as weight and temperature, release your inner mathematician in this challenging and fun course! This course, students will explore our world with math! From strengthening spatial awareness skills, graphing and surveying, and measuring what is around them with mathematical such as weight and temperature, release your inner mathematician in this challenging and fun course!

The Great Pumpkin Experiment: Halloween is almost here! Students and parents will explore the pumpkin life cycle, apply the scientific method to pumpkin projects, and make pumpkin carvings.

Grades 1 - 2 (9:00am - 1:00pm)

Exploring the World of Zoology: Dive deep into the world of zoology with this authentic and inquiry-based course. Explore the intricacies of the animal kingdom through problem-solving and hands-on lessons, from ecosystem designs to invertebrate trading cards. Channel your inner zoologist, create a zoo exhibit, and much more in this engaging animal expedition!

The Science of Light: Colors help us understand the world around us. In this class we will explore the science behind color and light. We will perform experiments to help us understand the electromagnetic spectrum and we will learn how it impacts us every day. **(ONLY offered Oct. 21)**

Fun with Fractals: A Math-Meets-Art Experience: Come and explore a beautiful and exciting branch of mathematics — fractal geometry! After reading *Mysterious Patterns: Fractals in Nature*, students will create and color Sierpinski triangles, build toothpick and marshmallow fractal tetrahedrons, and create fractal cutout cards, all while thinking mathematically. Get your creative juices flowing and discover what a beautiful subject mathematics is! **(ONLY offered Oct. 28)**

Grades 3 - 5 (9:00am - 3:00pm, includes a 1-hour lunch break)

Mammoths and Mastodons: Can You Survive in the Ice Age?: What was it like to live during the Ice Age? Students will study giant prehistoric beasts that roamed the plains of North America, such as mammoths, mastodons, and many more. Do you have what it takes to survive extinction? Join us to find out!

Don't OverREACT- It's Just Chemistry: In this class we will learn about all types of chemical reactions, and you will be able to see chemistry in action! From elephant toothpaste to instant rust, you will get to perform experiments to help you learn about the chemistry that drives our everyday lives. **(ONLY offered Oct. 28)**

Keeping your Cool Under Pressure: The Physics of Gases: Ever wonder why hot air balloons fly in the sky, but balloons you blow up with your lungs can't? In this course, we will investigate the physics of gases and discover how properties like pressure, temperature, and volume all seem to be interconnected. **(ONLY offered Oct. 21)**

Please visit <https://education.purdue.edu/geri/youth-programs/super-saturday/>
or email Alia Pineda Medina (apinedam@purdue.edu)
for more information!