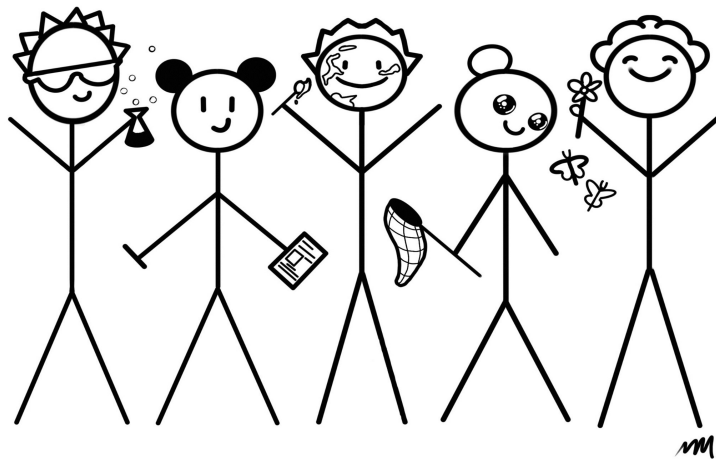


ExploreHope Summer Camps

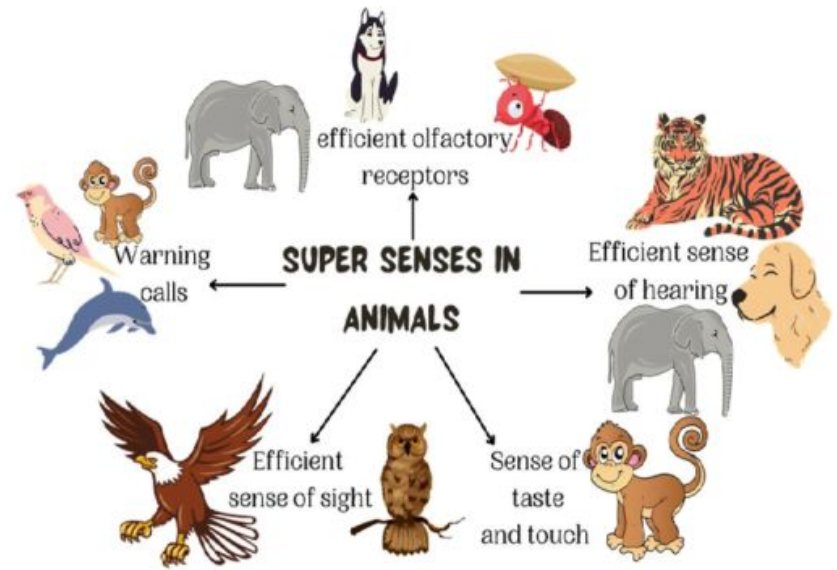


Imagine ~ Discover ~ Explore

2024



Animal Sense



Amazing Animal Abilities (grades 6-9) July 8-11 → 1:00-4:30 pm

Did you know that mice can hear sounds that humans cannot? Or that birds and bees can see colors we can only imagine? This camp will explore the amazing sensory abilities of animals — from seeing and hearing to communication with electricity and sensing magnetic fields. Learn about these amazing abilities through dissections, working with live animals, and using fun technologies that allow us to explore realms that are unknown to us. The National Science Foundation (NSF) has awarded full scholarships for camp participants; funding decisions are often made based on need, with priority going to participants that qualify for free or reduced lunch. Please reach out to sciencecamp@hope.edu with any questions.



July 15-18 → 1:00-4:30 pm

Art and Design (grades 6-8)

Love to create new costumes, art projects and sculptures? Explore basic art principles that can be applied to making your own dynamic and creative designs. Camp will involve a range of 3D media.

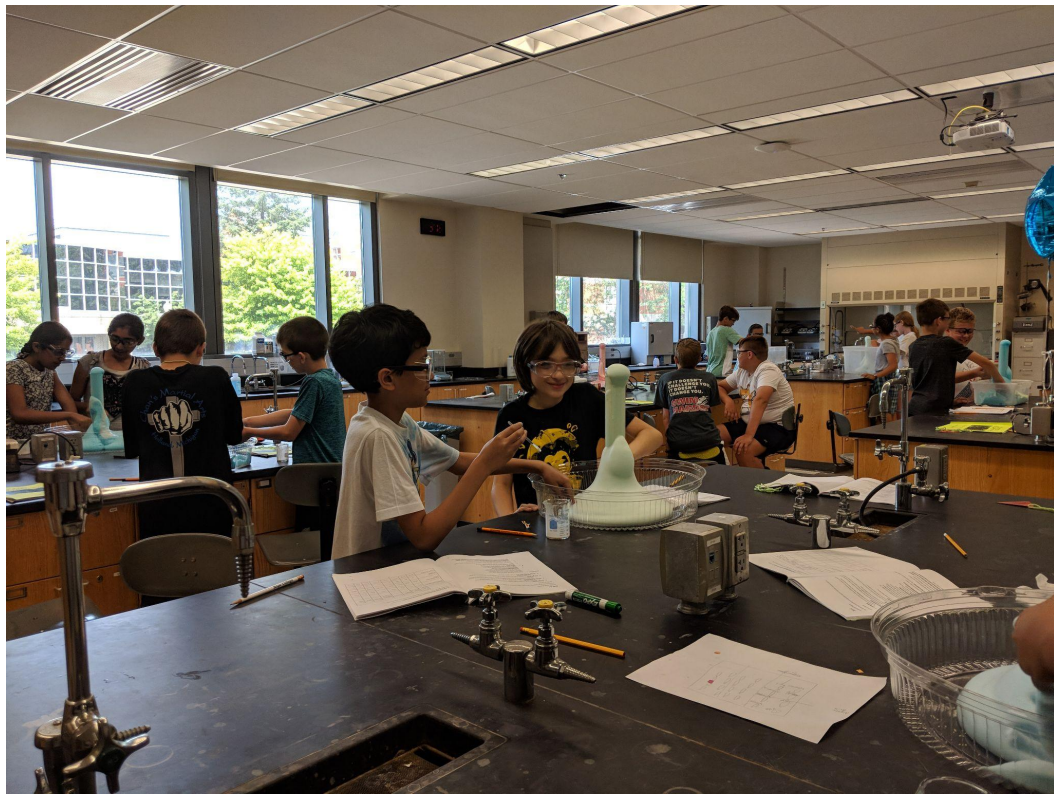




Creating with Canva (grades 7-9)

July 8-12 → 9:00 am - 12:00 pm

Build your skills using CANVA! Learn some basic graphic design tips with typography, image editing, and understanding color accessibility. This powerful tool will help build digital confidence in executing print or digital media. Students must already have a CANVA account created before beginning this camp. Please share email and password with your child to access software during camp. (For more information email sciencecamps@hope.edu.) Each day students will leave with a completed project either in print or digital to show their family and friends.

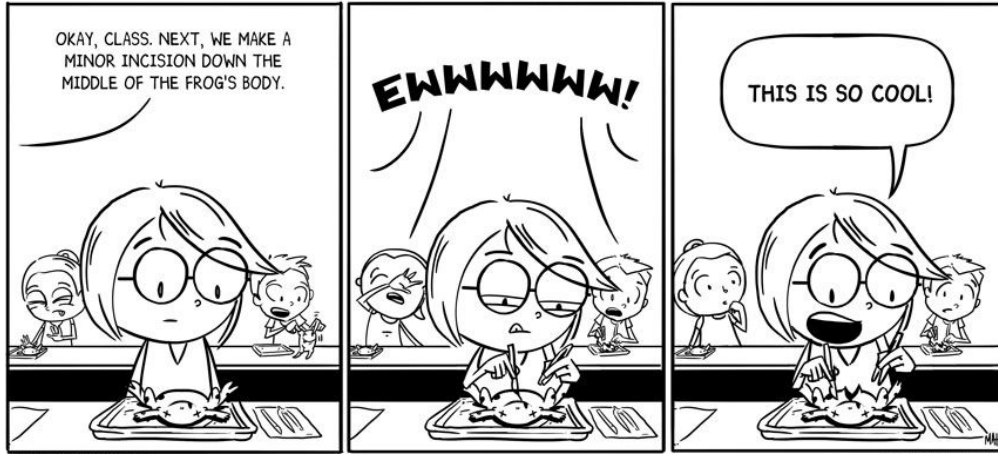


Crazy Chemistry (grades 6-9)

July 15-18 → 1:00-4:30 pm

Calling all chemists! Come explore elements, chemical and physical properties, solutions, polymers, states of matter and more in this week-long immersion in all things chemistry. Who doesn't love liquid nitrogen, dry ice and exploding hydrogen balloons?

Elephant Toothpaste!



WWW.MARYDEATHCOMICS.COM

©2013 MATTHEW TARPLEY

Dive Deeper into Dissection (grades 7-10)

Hone your future skills as a surgeon! Explore deeper and advance your dissection skills through comparative anatomy of animals from different classes with and without backbones! You will apply your dissection skills to a squid, dogfish shark, frog, pigeon and fetal pig.

June 17-21 → 9:00 am-12:00 pm



<https://www.weareteachers.com/wp-content/uploads/2016/08/edge-finding-robot-6.png>

EV3 Mindstorms Advanced (grades 6-12)

July 15-19 → 9:00 am - 12:00 pm

Loved EV3 Basics Camp? Come get new programming challenges based on FIRST Lego League prior competitions and do more exploration into sensors and build new robots in this camp! For those with prior Mindstorms programming experience.



Inventing in 3D (grades 6-10)

July 22-26 → 9:00 am - 12:00 pm

Bring your creations to life with online drafting and 3D printing. Come explore this cutting edge technology along with developing skills in mechanical drawing, material testing, and engineering design.



https://www.bhphotovideo.com/images/images2500x2500/creality_ender_3si_ender_3_s1_fdm_3d_1705447.jpg



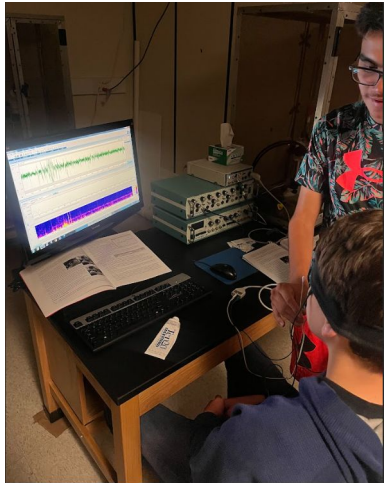
Neuroscience (grades 6-9)

June 17-20 → 9:00 am 12:00 pm

Explore the power of the brain! Have you ever wanted to record your own brain activity or dissect a real brain? Have you ever been curious about how our brain controls our movements or how our senses work? Would you like to investigate how the nervous system develops and controls swimming in fish? If so, this is the camp for you! Come explore these topics and many more as we unpack the power of our minds! This is a bilingual camp that will be offered in English and Spanish.

Full scholarships are available for campers. Determination is usually made based on free and reduced school lunch. Contact sciencecamp@hope.edu for more information.

Measuring brain waves!





Nursing (grades 9-12)

June 24-27 → 1:00 pm - 4:30 pm

Explore the exciting field of nursing and participate in many of the skills required to be successful in nursing and health care. Hands-on daily experiences provided in conjunction with Hope nursing students in our newly renovated skills lab.



Taking Command of Circuits (grades 6-9)

June 24-28 → 9:00 am - 12:00 pm

Electronics are all around us — be part of creating them! Practice the logic of programming, explore how your favorite technologies use information, and build your own electronic circuits.

Sign up today...we can't wait to meet you!

