Explore science, technology, engineering and math (STEM) through the understanding of magic. This camp is designed for 4th through 12th grade campers who have communication disorders, learning disabilities, or are considered at-risk/low literacy learners. Students will be assigned to teams of similar aged peers. Activities will include demonstrations of magic (discrepant events) that piques the campers’ curiosity. Demonstrations will be followed by counselors leading campers through steps to explain and demonstrate the magic and the STEM concepts to others. On-campus field trips such as visiting the botanical center and magic activities will utilize reading, writing, and theater to retain information learned.

Dates: Monday, July 12, 2021 to Thursday, July 15, 2021
Time: 9:30 am - 4:00 pm daily
Ages: Entering 4th through 12th grade
Logistics: $125 registration fee includes camp supplies. Campers should bring their own daily snacks and lunch. This camp is open to campers with diagnosed communication disorders, learning disabilities, or documented as at-risk/low literacy learners only. This camp meets Monday-Thursday Only.

Location: UNI Campus, Camp Director email will include specifics.

Register Today!
https://camps.uni.edu/lights-action-magic

Questions?
Contact us at STEMCamps@uni.edu.

Covid-19 precautions will be in place. Limited seats in this session to allow for social distancing in laboratory spaces. Staff will complete the UNI Daily health check and campers will complete a CDC daily health check before arriving at camp. Registered participants will receive additional information about our Covid-19 precautions and participant expectations prior to the start of camp. Participants who refuse to follow safety rules will be removed from the camp without refund. Learn more about UNI’s response to Covid-19 at https://forwardtogether.uni.edu/.
If you’ve never paid much attention to the song, “Let It Go,” you may not have noticed, but there’s a line that Elsa sings that says, “My soul is spiraling in frozen fractals all around.” Many patterns in nature have fractal qualities in different forms and sizes from mountains, sea shores, snowflakes, blood veins, and inside cell structures. All these beautiful patterns look like magnificent works of artwork. Fractals have deep roots in math, science, and computer science and many applications in modern science and engineering. The cool thing is that we can reproduce and generate fractals as art works by art and computer coding. Campers will observe and describe natural fractals and create their own.

Dates: Monday, July 12, 2021 to Friday, July 16, 2021

Time: Live Zoom Sessions at 10:00 am and 2:00 pm daily

Ages: For campers entering 4th-8th grade and their families. The camp kit provided with this program will include enough materials for 2-3 family members to complete the activities with the registered camper.

Logistics: Registration fee of $75 includes a camp kid of materials. Camp will meet via Zoom at 10 am and 2 pm daily and campers will do activities at home between camp sessions. Each camper family will be provided with a camp kit with most of the supplies needed to complete camp activities. Campers will need a computer or tablet with access to the internet and capable of connecting to Zoom and access to a pair of scissors. A digital camera, phone with camera, or other way to take and share photos of camper work is also beneficial. Camp kits will include colored and graph paper, colored pencils, paper rulers and compasses, a DIY protractor kit and other supplies. A parent, guardian, or older sibling should be available to supervise the attending child/children during and between camp sessions.

Register Today!
https://camps.uni.edu/beyond-frozen

Questions?
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