Super Science Discoveries (STEM, students entering grades 2 & 3)  
July 6 -10 (A) or July 27 - 31 (B)  
Each day will have a different Science or Technology theme. Daily activities for the students will range from building electric circuits, experimenting with bubbling liquids, making life-like dinosaur fossils and learning how to measure, sketch and create digital images. There will be a Space Day with NASA-developed activities and an Edwin Link Flight Day, which gives them a chance to hear Ed’s story, from his Binghamton childhood, to his creation of flight simulation and love for the sea in later years. They create paper aircraft exploring the concepts of thrust, drag, pitch and yaw, as well as gravity and friction, build model spacecraft, and launch actual rockets.

Secrets of Code (Engineering, students entering grades 3 & 4)  
July 20-24 (A) or August 10 - 14 (B)  
During this camp the students become KSAs (Kopernik Secret Agents) and will discover the world of codes, old and new. KSAs will each receive a TOP SECRET folder filled with a variety of codes and activities. They will have fun using them to decipher messages and solve mysteries. KSAs will learn about Morse code and use Snap Circuits to build their own transmitter. They will learn about and practice with Braille and American Sign Language, codes for the blind and deaf. As KSAs discover ways in which we all use code in our daily lives through a variety of activities and guest speakers, they will also learn how to write computer programs that can design an emoji, or a new Google Doodle, create music, generate an animation, activate their own LEGO projects and more.

Space and Stars (Astronomy, students entering grades 4 & 5)  
June 29 – July 3 (A) or August 10 - 14 (B)  
In Space & Stars, students will explore what lies beyond our Solar System, including blue, red giant, and sun-like stars, supernovas, constellations, galaxies, and nebulas. Students will learn how to use telescopes and how to observe the Sun safely. They will explore black holes with and Kopernik’s Spandex Universe. Activities will include making star wheels, modeling the Milky Way Galaxy and building NASA Spacecraft models. Students will also spend time in Kopernik’s inflatable portable planetarium to explore to the known universe. The students will be introduced to the planetarium software Stellarium (which they can download for free at home).

In Search of Flora and Fauna...Let’s Go On A Nature Trek! (Biology, students entering grades 4 & 5)  
July 13 - 17  
How many different species of plants and animals live in our area? Why is it important to care for them? Students in this camp will take daily nature walks around the Kopernik Observatory and Science Center. As they trek through the woods and explore the pond in the new Kopernik Science Park, these young scientists will observe and collect or photograph different plants, animals and insects. Students will also have the opportunity to explore the flora and fauna of the pond at the Kopernik Science Park which self-populated with animal and plant life. They will do research to identify what they find. Microscopes and other scientific tools will be used to examine collected specimens.

Welcome Aboard the International Space Station (STEM, students entering grades 5 & 6)  
August 17 - 21  
What is it like to become an astronaut and work on the International Space Station (ISS)? What training is required to work out of this world? Students will spend the week exploring what Astronauts do on this orbiting laboratory and learn about the science and engineering research on the ISS. This week of exploration and engineering includes training in radio transmission and reception, how to use radio language protocols and how to track and map satellites which will be useful as students will speak live, by Ham Radio, with an astronaut currently aboard the ISS.* $15 materials fee

Weather Disasters from Floods to Tornadoes (Earth Science, students entering grades 5 & 6)  
July 20-24  
Weather- can you predict a storm? In this camp, students will learn meteorological skills to help them predict and prepare for weather disasters. A meteorologist from the National Weather Service will guide us on the how to read weather maps, locate storm radar, and download live weather satellite data. Students will measure the weather data (outside) each day and learn to predict those weird weather events. Kopernik’s model tornado-maker will be used to demonstrate how tornadoes form.
The Kopernik Observatory & Science Center is a great place for students to explore the world around them. Kopernik’s STEM-themed summer camps are hands-on and high-tech, while also fun and safe! Students will have their eyes opened and may get their hands wet and feet muddy as they spend time outdoors each day for field exploration and playtime. They will make friends and lasting memories, too!

Camps have a maximum enrollment and many fill quickly each year. Register early to avoid disappointment. Register before June 2 to avoid late registration fee. Early drop off and late pick up are available for a modest fee.

Save $10 on each additional camp when registering a sibling or registering for more than one camp. Rebate will be given at the end of the summer camp season.

Register for camps online at www.kopernik.org or fill out and return this form

Please check the session(s) for each camp your child will attend:

--- LSSE Camp (focus, grades) ------------------------ Dates of the Camp -------- Member / Non-Member Tuition

Super Science Discoveries (STEM, 2-3)  7/6 – 7/10(A) or 7/27 – 7/31(B) $190 $220
Secrets of Code (Engineering, 3-4)  7/20 – 7/24(A) or 8/10 – 8/14(B) $190 $220
Space and Stars (Astronomy, 4-5)  6/29 – 7/3(A) or 8/10 – 8/14(B) $190 $220
In Search of Flora and Fauna! (Biology, 4-5)  7/13 – 7/17 $190 $220
Welcome Aboard the ISS (STEM, 5-6)  8/17 – 8/21 *includes $15 material fee $205 $235
Weather Disasters (Earth Science, 5-6)  7/20 – 7/24 $190 $220

Student name: ________________________________ Gender:  Male  Female  Grade in 2020/21:_____
Parent/Guardian/Grandparent name: ________________________________ Student’s Birthday: __________
Address: ______________________________________________________________ City/St/ZIP: ____________________________
Phone: ____________________________ Email Address: ______________________________ (please write legibly)
Enclosed is: $________ (checks payable to “Kopernik Observatory”)  KOSC Member  Yes  No  (☐ + $60 to join)
Credit Card # ____________________________ Visa  MasterCard  Discover
Name on Credit Card: _______________________________ CVV code (3 digit code) _____ Expiration Date: __________
Address of Credit Card Holder: __________________________________________ Phone: ____________________________
(if different than above address)
☐ Request Financial Aid – please see website for a Financial Aid form. Aid offered on a financial need basis.

Each student receives a Link Summer STEM Exploration T-Shirt (included in the tuition). Please indicate shirt size:
☐ Youth Small  ☐ Youth Medium  ☐ Youth Large  ☐ Adult Small  ☐ Adult Medium  ☐ Adult Large  ☐ Adult X-Large
☐ Check this box if you do not want your child to be photographed during the camp

For more information call (607)748-3685 ext. 308 or visit our website at www.kopernik.org

Students must register and pay in full in order to secure a place in the camp. Late registrations will be permitted if space is available (call to inquire). Refunds are available (less a $15 administration fee) if student withdraws 14 days prior to the start of camp. In case of cancellation due to insufficient enrollment, participants will be notified one week in advance and will receive a full refund. Registration after June 1 is subject to a $20 late registration fee.

Please describe on a separate page if student has an IEP, an aide at school, or needs any special educational, behavioral, or physical accommodations.

Complete this registration form and mail it to: LSSE2020 KOSC, 698 Underwood Rd, Vestal, NY 13850 or email it to: registration@kopernik.org or fax it to: (607)748-3222

Date Received ________________  DB _____  QB _____