ALL SCOUT FAMILY FUN NIGHTS

MICHIGAN STEM
Join us for a fun filled evening exploring Michigan-themed hands-on activities related to the Great Lakes. Learn about Michigan astronauts and launch an in-room rocket. Bring out your inner Thomas Edison and explore electricity. Do you know what our state fossil is? Hint: it’s not the Petoskey stone—that’s our state stone! Come find out the answer and make a fossil model. See a planetarium show, enjoy a pizza dinner, and then jump into activities.

NOVEMBER
Date: Friday, November 8, 2019
Time: 6:00-9:00 pm (arrive 5:30 – 6:00 pm)
Fee: $12 per person
Max registration: 100 people

MARCH
Date: Friday, March 13, 2020
Time: 6:00-9:00 pm
(arrive 5:30 – 6:00 pm)
Fee: $12 per person
Max registration: 100 people

DAISIES

FEBRUARY
DAISIES: SPACE SCIENCE EXPLORER WORKSHOP
Location: Longway Planetarium
Date: Saturday, February 22, 2020
Time: 1:00-4:00 pm
(Arrival 12:30–1:00 pm)
Fee: $12 per person
Max registration: 45 people
Get ready to explore the Sun, Moon and Stars! Learn about our very own star called the Sun. Create your very own Moon Phase book and learn about the moon phases. Learn about constellations and create a constellation to take home. Does not include a planetarium theater show.
JANUARY

**BROWNIES: HOME SCIENTIST OVERNIGHT**

- **Location:** Longway Planetarium
- **Date:** Friday, January 10 - Saturday, January 11, 2020
- **Time:** 6:00 pm – 9:00 am
  (Arrival 5:30 – 6:00 pm)
- **Fee:** $28 per scout and $12 per adult
- **Max registration:** 100 people

Brownies, bring your pajamas and prepare to get messy! Did you know that we use science in almost everything we do? Come spend the night at the Longway Planetarium and explore science on a whole new level! We will explore chemistry, density, electricity, and more.

*Includes a planetarium theater show.*

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**FEBRUARY**

**BROWNIES: SPACE SCIENCE ADVENTURER OVERNIGHT**

- **Location:** Longway Planetarium
- **Date:** Friday, February 28 - Saturday, February 29, 2020
- **Time:** 6:00 pm – 9:00 am
  (Arrival 5:30 – 6:00 pm)
- **Fee:** $28 per scout and $12 per adult
- **Max registration:** 100 people

Let’s go on a space adventure! Explore our solar system and create a solar system model. Explore our night sky and learn about constellations. Learn about the moon and its phases. Get hands on experience with telescopes.

*Includes a planetarium theater show.*

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**MARCH**

**BROWNIES: BUGS WORKSHOP**

- **Location:** Longway Planetarium
- **Date:** Saturday, March 21, 2020
- **Time:** 1:00 – 4:00 pm
  (Arrival 12:30 – 1:00 pm)
- **Fee:** $12 per person
- **Max registration:** 45 people

Alongside our planetarium pets, girls will draw a bug poster to be displayed in the Longway classrooms, create a bug box, look at different types of bug homes, use magnifying glasses to look at our bugs, and use their imaginations to build bugs of their own to take home! *Does not include a planetarium theater show.*
NOVEMBER

JUNIORS: DETECTIVE OVERNIGHT
Location: Longway Planetarium
Date: Friday, November 22– Saturday, November 23, 2019
Time: 6:00 pm–9:00 am
(Arrival 5:30–6:00 pm)
Fee: $28 per scout and $12 per adult
Max registration: 50 people
Grab your magnifying glasses and join us for a mystery filled evening. Practice the power of observation, break a code, and learn about fingerprints. Try out detective science and follow clues to solve a mystery. Includes a planetarium theater show.

FEBRUARY

JUNIORS: SPACE SCIENCE INVESTIGATOR OVERNIGHT
Location: Longway Planetarium
Date: Friday, February 21– Saturday, February 22, 2020
Time: 6:00 pm–9:00 am
(Arrival 5:30–6:00 pm)
Fee: $28 per scout and $12 per adult
Max registration: 50 people
Explore the night sky, learn about scale models of our solar system, and create a model constellation. Learn about the Earth’s cycle around the Sun and what that means for us. Create a model Mars Rover and a mural of what you learned to share with younger Girl Scouts. Includes a planetarium show.

APRIL

JUNIORS: FLOWERS OVERNIGHT
Location: Longway Planetarium
Date: Friday, April 24– Saturday, April 25, 2020
Time: 6:00 pm–9:00 am
(Arrival 5:30–6:00 pm)
Fee: $28 per scout and $12 per adult
Max registration: 30 people
Explore the wonderful world of flowers by planting a seed or bulb, experiment with a flower’s root system, make floral bath beads, create flower art, and design a beautiful bouquet. Includes a planetarium theater show.
MONTH

JUNIORS STEM JOURNEY: THINK LIKE AN ENGINEER WORKSHOP

Location: Longway Planetarium
Date: Saturday, January 18
Time: 1:00 – 4:00 pm
(arrival 12:30 – 1:00 pm)
Fee: $12 per person
Max registration: 45 people

Bring your engineering mind and join the challenge! Work your way through a design challenge using the Design Process. With a limited budget and limited materials, construct a building that meets specific requirements. Put your work through a series of tests and find out if you have what it takes to be an engineer. Does not include a planetarium theater show.

MAY

JUNIORS: GARDENER WORKSHOP

Location: Longway Planetarium
Date: Saturday, May 9, 2020
Time: 1:00–4:00 pm
(Arrival 12:30–1:00 pm)
Fee: $12 per person
Max registration: 30 people

Get ready to play in the dirt! Help design and plant the Longway Planetarium garden! Learn which plants will grow best in your area by testing soil samples. Find out how variations in soil, sunlight, and water can affect your garden. Plant a “fairy garden” to take home with you. Weather permitting, we will be working in the garden. Please bring a rain jacket just in case! Does not include a planetarium theater show.
**NOVEMBER**

**CADETTES: SPECIAL AGENT OVERNIGHT**

- **Location:** Longway Planetarium
- **Date:** Friday, November 22 – Saturday, November 23, 2019
- **Time:** 6:00 pm–9:00 am  
  (Arrival 5:30–6:00 pm)
- **Fee:** $28 per scout and $12 per adult
- **Max registration:** 50 people

Become special agents while exploring the world of forensics and espionage. Have a fingerprinting party, and identify different fingerprint types. Participate in an eyewitness challenge, and experiment with chromatography. Learn common “tells” to determine if someone is lying. Write and perform a short forensic-science crime drama skit with your fellow scouts.

Includes a planetarium theater show.

**FEBRUARY**

**SPACE SCIENCE RESEARCHER OVERNIGHT**

- **Location:** Longway Planetarium
- **Date:** Friday, February 21 – Saturday, February 22, 2020
- **Time:** 6:00 pm–9:00 am  
  (Arrival 5:30–6:00 pm)
- **Fee:** $28 per scout and $12 per adult
- **Max registration:** 50 people

Come research the stars! Study the colors of light and learn about “invisible light” coming from the sun. Learn how to use a telescope and create a way to help prevent light pollution. Spend time in our planetarium theater learning about stars and the night sky. Includes a planetarium show.

**APRIL**

**CADETTES: TREES OVERNIGHT**

- **Location:** Longway Planetarium
- **Date:** Friday, April 24 – Saturday, April 25, 2020
- **Time:** 6:00 pm–9:00 am  
  (Arrival 5:30–6:00 pm)
- **Fee:** $28 per scout and $12 per adult
- **Max registration:** 30 people

Become a naturalist and get to the root of what trees are all about. Design a tree house, sketch your favorite tree and learn what kinds of plants or animals use your tree, create tree art, and learn about the logging industry in Michigan. Includes a planetarium theater show.

Call 810-237-3409 for more information or visit SloanLongway.org/GirlScouts
JANUARY

SENIORS: SKY OVERNIGHT
Location: Longway Planetarium
Date: Friday, January 31– Saturday, February 1, 2020
Time: 6:00 pm–9:00 am (Arrival 5:30–6:00 pm)
Fee: $28 per scout and $12 per adult
Max registration: 50 people
Find out how telescopes work and create your own telescope art. Discover what you are made of while making a stardust self-portrait. Learn about star life cycles and how scientists measure the distance of stars. Includes a planetarium theater show.

AMBASSADORS: SPACE SCIENCE MASTER OVERNIGHT
Location: Longway Planetarium
Date: Friday, January 31– Saturday, February 1, 2020
Time: 6:00 pm–9:00 am (Arrival 5:30–6:00 pm)
Fee: $28 per scout and $12 per adult
Max registration: 50 people
Have you ever thought about what lies beyond our atmosphere? Find out while getting hands-on experience with telescopes. Discover STEM-based careers related to space, and learn about women in the field. Create an art piece to share what you have learned. Includes a planetarium theater show.

APRIL

SENIORS: SKY OVERNIGHT
Location: Longway Planetarium
Date: Friday, April 24– Saturday, April 25, 2020
Time: 6:00 pm–9:00 am (Arrival 5:30–6:00 pm)
Fee: $28 per scout and $12 per adult
Max registration: 20 people
Explore the astronomy behind planets, stars, and the solar system. Create a space exploration vehicle and explore the scientific principles of your design. Explore the causes and effects of light pollution. Make sky art to celebrate the wonders of the sky. Includes a planetarium theater show.
Rock U is an interactive adventure into one of North America’s greatest institutions: rock and roll! Guests explore the foundations of Rock dating back to the 1950s, focusing on the lives of early greats. Hear live concerts through listening stations, and even try your hand at playing instruments!

Step into the world of Wild Kratts® to explore the secret lives of amazing creatures in this brand new exhibit. Immerse yourself in animal habitats from around the globe, discover incredible creature powers and go on a mission to foil the villains’ nefarious plans.

TRAVELING EXHIBIT ADMISSION
Price includes Wild Kratts®: Creature Power®! and Rock U, plus general admission exhibits.

- Genesee County Residents: $3 per person
- Non-Residents: $9 adults, $8 seniors, $7 youth ages 2-11

GENERAL ADMISSION
Price includes family play area and historic vehicles exhibit. Does not include Wild Kratts®: Creature Power®! and Rock U.

- Genesee County Residents: Free
- Non-Residents: $6 adults, $5 seniors, $4 youth ages 2-11
ROLL, DROP, BOUNCE! & EXTREME DEEP

February 1 – September 13, 2020

This totally kinetic and hands-on experience appeals to wheel-spinning, ball-tossing, and continuously bouncing kids of all ages. While playing with model cars, colliding balls, and catapults, visitors develop an understanding of the physics of motion.

TRAVELING EXHIBIT ADMISSION
Price includes Roll Drop Bounce and Extreme Deep, plus general admission exhibits.
Genesee County Residents: $3 per person
Non-Residents: $9 adults, $8 seniors, $7 youth ages 2-11

GENERAL ADMISSION
Price includes family play area and historic vehicles exhibit. Does not include Roll Drop Bounce and Extreme Deep.
Genesee County Residents: Free
Non-Residents: $6 adults, $5 seniors, $4 youth ages 2-11
REGISTRATION INFORMATION

• Deadline for registration fees is 2 weeks prior to the event date. **A $2 late fee will be added per person if registration deadline has passed.** Fees are non-refundable.

• Space is limited and some dates fill up quickly. **Early registration is highly recommended.**

• Registration is available online at SloanLongway.org. There is a $2 processing fee for all online registrations.

• Registration is first-come, first-served. All scouts and adults must be registered and paid for prior to event. No refunds will be given for absent participants.

• The Leader will be responsible for payment and registration of participants. Fees are non-refundable.

GENERAL INFORMATION

• With the exception of our Family Fun Night events, we request that no siblings or infants accompany the participant.

• A small snack will be provided during workshops. Evening snack and a light breakfast are provided during all overnights.

• All workshop and overnight participants receive a certificate of participation. Leaders are responsible for obtaining the actual badge from their local council office.

• More information regarding overnights will be emailed with your confirmation.

• If you have any questions, please call 810.237.3409.

Save time! Register online at SloanLongway.org/GirlScouts
Please completely fill in the registration form and send along with full payment to the address at the bottom. Payment must be received at least two weeks prior to the event date. Register early—space is limited and some dates fill up quickly.

Leader Name __________________________________________________________

Email __________________________________________ Phone _________________________

Address _____________________________________________________________

City ____________________________________________ Zip _________________

Troop Number __________________________________________ Council __________________________

Fun Nights # of Girls Attending _______________ X $12 = $ _________________________

Fun Nights # of Adults Attending _____________ X $12 = $__________________________

Overnights # of Girls Attending _______________ X $28 = $__________________________

Overnights # of Adults Attending _____________ X $12 = $___________________________

Workshop # of Girls Attending _______________ X $12 = $__________________________

Workshop # of Adults Attending ______________X $12 = $__________________________

Workshop/Overnight/Title: ___________________________________________________

Full payment is due with the registration.

Make checks payable to Longway Planetarium and mail to
1310 East Kearsley Street Flint, MI 48503

Please note: the Leader will be responsible for payment and registration of participants. A $2 late fee will be added per person if registration deadline has passed. Fees are non-refundable. With the exception of our Family Fun Night events, we request that no siblings or infants accompany the Scout. This is to ensure a quality experience for all participants.

Save time! Register online at SloanLongway.org/GirlScouts