Fire up that WiFi, because it is time to connect your curiosity with our new digital programs! Life as we know it has changed, and the Saint Louis Science Center has adapted with innovative virtual programs. Building on our existing suite of in-person programs, these unique and fun experiences provide the community a safe and engaging opportunity to connect to our mission “to ignite and sustain lifelong science and technology learning.”

Our programs are perfect for students age 4 through 13, to experiment in game design, astronomy, physical science, and nature exploration. Our digital suite offers an opportunity to augment learning through school, in the home, or during community programs. For the best experience, please ensure your internet connection is prepared to handle all that curiosity!

Because we value safety as much as we value education, all digital lessons are delivered live through a secure platform, allowing for an interactive environment where participants can actively engage. To support continued learning, each program comes with a participant guide including information about materials needed and extension activities.

All programs last 45-60 minutes and cost $175.00 per lesson. To book your program, e-mail education@slsc.org or call 314-289-4439 for further program inquiries.
**ASTRONOMY**

**Red Rover, Mars Rover**
It's hard to walk on Mars, so it's better to drive. Help astronauts make it across the surface of Mars by using the Engineering Design Process to bring the best Mars rover on over! Create a moving land rover that has all the features astronauts need for their journey.

NGSS K-2: K-2-ETS1-1, K-2-ETS1-2, & K-2-ETS1-3  
NGSS 3-5: 3-5-ETS1-1, 3-5-ETS1-2, & 3-5-ETS1-3  
NGSS 6-8: MS-ETS1-2 & MS-ETS1-3

**Sky Stories**
Humans love to tell tales, but before books and movies, stories were in the stars. Discover how the night sky has been used to inspire human endeavors and to pass down stories through generations. Put yourself in the sky by creating your own constellation. What story do YOU want to tell?

NGSS K-2: 1-ESS1-1  
NGSS 3-5: 5-ESS1-1

**Creating the Moon**
What makes our moon special? Re-create the moon's surface and its craters as you discover where the moon came from and how it was shaped into what we see today. Imagine your own moon and how it could be different from the one that orbits Earth!

NGSS K-2: 1-ESS1-1  
NGSS 6-8: MS-ESS1-2

**EARLY ED**

**Building Bridges**
Bridges come in all shapes and sizes, but all have one purpose: to safely continue a path. Become a civil engineer as you observe the different materials, designs, shapes and purposes used in building. Use this information to bridge the gap between knowledge and creativity to construct your own bridge!


**Constellation Imagination**
When it comes to imagination, the sky is the limit (literally). Humans have used their imagination to tell stories in the stars for thousands of years. Fly off to different constellations in the night sky and hear the stories of their origin. Create your own constellation and tell your own fantastic stories!

NGSS K-2: 1-ESS1-1

**Nature’s Design**
Patterns are everywhere in our world, and many of them were not designed by humans. Explore the importance of patterns in nature as you use your environment to create a new design of natural materials. Craft your own beautiful pattern, replicating techniques of geometric balance and symmetry found in nature.

NGSS K-2: 1-ESS1-1

**ENVIRONMENT & ECOLOGY**

**Fossil Frenzy!**
Discover how fossils are formed and how they allow us to see into the past to study what life on Earth was like ages ago. Create a fossil of your own to preserve a moment in time and give future archaeologist a glimpse into your world.

NGSS 3-5: 4-ESS1-1, 3-LS4-1  
NGSS: MS-ESS1-4
Pollination Creation
When you stop to smell flowers, BEE aware that pollinators make it possible! Design a pollination system to observe how insects attract pollen. They might seem flighty, but humans rely on these little critters every day!

NGSS K-2: 2-LS2-2
NGSS 3-5: 4-LS1-1
NGSS: 6-8: MS-LS1-4

Walk on the Wild Side
You share your neighborhood with more than just humans, wildlife lives there too! Observe the critters in your area and familiarize yourself with the animals just outside of your front door. Explore the places animals live and where else you might find them.

PHYSICAL SCIENCE

Minds and Muscles
Your use your body in every aspect of your life, but make no mistake: it’s your brain that’s in control. Explore the way your body moves while learning how your brain affects which hand you throw with, which eye you wink with, and how fast you can react to moving objects. How coordinated is YOUR brain to body connection?

NGSS 3-5: 4-LS1-1, 4-LS1-2
NGSS 6-8: MS-LS1-8

Shapes and Structures
How do buildings reach high into the sky? How does a bridge support a truck without collapsing? The answer is simple; by using different shapes!

NGSS K-2: K-2-ETS1-2

Kitchen Chemistry
Got a kitchen? You’ve got a chemistry lab! Experience important physical and chemical changes in non-Newtonian fluids and rapid decomposition. Become a scientist by creating chemical reactions in your own home!

NGSS K-2: 2-PS1-1
NGSS 3-5: 5-PS1-3, 5-PS1-4
NGSS 6-8: MS-PS1-2

TECHNOLOGY

Game On: Early Access
Create a world all your own! Explore the basics of game design with our experienced instructors. Perfect for beginners to connect their imaginations with the languages of game design and development.

NGSS K-2: K-2-ETS1-1
NGSS 3-5: 3-5-ETS1-1
NGSS 6-8: MS-ETS1-1

Game On: Full Release
Level up to the next dimension of game development. Armed with the knowledge from Game On: Early Access, enhance your digital world with new characters, sprites and other exciting features.

NGSS K-2: K-2-ETS1-1
NGSS 3-5: 3-5-ETS1-1
NGSS 6-8: MS-ETS1-1

3D Designer
Develop the expertise to transform digital designs into tangible products. Most revolutionary products have to start with a plan, and what better way to design small or large scale projects then by employing 3D computer aided drafting, or CAD software.

NGSS K-2: K-2-ETS1-1
NGSS 3-5: 3-5-ETS1-1
NGSS 6-8: MS-ETS1-1
Members Enjoy Exclusive Benefits

As a Saint Louis Science Center member, you’ll have access to exclusive programs created for curious minds to explore topics in STEAM. Members are the first to see everything, including members-only virtual programs and events, educational resources and special invitations to preview films, new galleries and special exhibitions. You will receive free parking on every visit and enjoy free tickets, discounts and more.

Plus, your membership support provides the resources that inspire our educators, STEAM professionals and behind-the-scenes colleagues; it funds our education and outreach programs and sparks a lifelong interest in science by making STEAM learning accessible to everyone. Together, we combine education and shared experiences to build stronger bonds between science, our community and our world.

3 Easy ways to join.

Online  slsc.org/membership
Call  314.289.4491
In person  Oakland Building lobby