

Dates and Themes (Recommended for Ages 10 & Under and optional accompanying adult)

All programs 10:00 a.m. - 12:00 p.m.

| | | |
|-----------------------|---------------------------|---|
| Saturday, September 9 | Rocket to Space | Master principles of rocketry and space aviation! Build and experiment with different types of rockets using household items to see which flies the highest: straw rockets, alka seltzer rockets or water rockets. |
| Saturday, October 14 | LEGO My Movie | Lights, camera, action! Reveal the magic behind animation and create your own flip book, and learn the basics of stop-motion animation to bring your LEGO creations to life. |
| Saturday, November 11 | Kitchen Science Challenge | Discover new uses for what is in your kitchen cabinets! Explore changing states of matter using candy chromatography, experiment with food coloring and temperature and make your own ice cream and "fruit caviar." |
| Saturday, December 9 | Let It Shine | How is electricity transformed into light? Learn the basics of electrical circuits using conductive play dough, create prototypes using littleBits and learn all about electricity by building with snap circuits. |
| Saturday, January 13 | Under the Sea | Life is better under the sea! Make an underwater diorama featuring various sea creatures, a sea turtle bracelet and learn all about underwater habitats. Receive \$1 off the IMAX documentary <i>Under the Sea 3D</i> . |
| Saturday, February 10 | Mars Explorers | Pair up with your little valentine for an adventurous space mission to Mars! Build an Atlas V paper rocket, construct a Magformer satellite and engage in hands-on experiments aboard our spacecraft simulator. |
| Saturday, March 10 | Get Coding! | Coding is the new literacy! Use ScratchJr software to program your own interactive stories and games, design bracelets using binary code and explore sequencing, problem-solving and estimation by completing a maze with Bee-Bot robots. |
| Saturday, April 14 | WeDo Nature | Become a robo-engineer! Use LEGO WeDo 2.0 kits, which combine LEGO bricks and kid-friendly software, to complete three lifelike constructions: a Venus Flytrap, Plants and Pollinators and Dancing Bees. |
| Saturday, May 12 | Engineering Challenge | Dream Big! Sharpen your engineering skills and learn how to design a durable structure through trial & error challenges, build a large popsicle stick bridge and construct a tall tower out of straws. |

Dates and Themes (Recommended for Ages 9 to 99)

All programs 10:00 a.m. - 12:00 p.m.

| | | |
|------------------------|---|---|
| Saturday, September 23 | Blast Off! Launch Day | "For every action, there is an equal and opposite reaction." Analyze Sir Isaac Newton's three laws of motion and apply the findings to flight and rocketry by building and launching your own paper rockets. |
| Saturday, October 28 | Movie Magic: Basics of Animation | Bring your imagination to life! Discover the art of filmmaking, from developing a storyboard to the rules of animation to creating your own animated short starring StikBot, the easy-to-pose, stop-motion figurine. |
| Saturday, November 25 | Science Chef: Cooking with Chemistry | Whip up something delectable! Explore the concepts of molecular gastronomy, the relationship of molecules, flavor & pH level and the subtle art of cooking the perfect egg. |
| Saturday, December 23 | Electricity & Circuits: Extreme Power | Harness the power of electricity! Engage in an interactive learning lab using sound and light snap circuits, including a sound energy demo, and use littleBits electronic building blocks to create your own inventions. |
| Saturday, January 27 | Minecraft Mechanics: Coding & Redstone | Become a Minecraft master! Use coding and engineering principles to program & race a car and design & use a redstone practical machine, all in the collaborative design program, Minecraft. |
| Saturday, February 24 | Kerbal Space Program: Mun or Bust! | Go on a mission of scientific discovery! Join the Kerbal Space Program in an attempt to reach the Mun, a large moon orbiting Kerbin similar to Earth's own moon and build a model of NASA's Space Launch System (SLS). |
| Saturday, March 24 | Coding & Arduinos: LED Madness | Spark up some fun! Build a blinking light LED (Light Emitting Diode) using Arduino microcontroller kits and identify & decipher hidden messages using your "de-coding" skills. |
| Saturday, April 28 | Robots: Dance Dance Robo-lution | It's time for a dance-off! Learn how to use the E-Z robots, which feature vision capabilities, speech recognition, animations & artificial intelligence, to follow an object & tell the difference between various objects. Concludes with a robot dance contest. |
| Saturday, May 26 | Soar into Summer: Multiplayer Flight Simulation | Clear for departure! Design and learn the science behind wingless paper airplanes, study the basics of flying and get behind the controls of your own flight simulator. <i>*No flight experience necessary.</i> |

Additional Information

COST

The cost is \$6 per person per program for registrations received before 12:00 p.m. the day before the program. The cost is \$8 per person per program for registrations received after 12:00 p.m. the day before the program. SCIturdays Annual Subscriptions are available for a discounted cost of \$48 per person and include all programs listed above (all 2nd Saturday programs **OR** all 4th Saturday programs). Discounts cannot be combined and no other discounts apply. Cost includes all materials.

PRE-REGISTRATION

The registration form must be completed and submitted before 12:00 p.m. the day before the program to receive the discount (\$6 or \$48 for Annual Subscription). Registration is complete and confirmed on receipt of completed registration form and full payment. Programs are limited in size; therefore, registrations will be processed on a first come, first serve basis. Registration after 12:00 p.m. the day before the program or at the door is also accepted, if space permits, and costs \$8 per person per program.

CANCELLATIONS/REFUNDS

No refunds will be offered for SCIturday programs. For cancellations received at least 48 hours prior to any program, your registration fee may be applied to future SCIturday programs.

AUTHORIZED PICK-UP

All parents and authorized individuals must present photo identification when picking up your child(ren) and be listed as an authorized individual on the registration form.

CONTACT INFORMATION

Should you need additional information, please call (850) 645-7777, weekdays from 8:00 a.m. until 4:00 p.m. For content/curriculum information, contact our Education Manager at (850) 645-7787.

Please email, mail, drop off or fax your registration form to:

Challenger Learning Center of Tallahassee
200 South Duval Street
Tallahassee, FL 32301
FAX: (850) 645-7784
sreaves@challengertlh.com



CHALLENGER LEARNING CENTER OF TALLAHASSEE

2nd & 4th Saturday of the month
All programs 10:00 a.m. - 12:00 p.m.

❖ PARTICIPANT INFORMATION

PARTICIPANT 1 NAME _____ AGE _____ GRADE LEVEL (IF APPLICABLE) _____

PARTICIPANT 2 NAME _____ AGE _____ GRADE LEVEL (IF APPLICABLE) _____

PARTICIPANT 3 NAME _____ AGE _____ GRADE LEVEL (IF APPLICABLE) _____

PARTICIPANT 4 NAME _____ AGE _____ GRADE LEVEL (IF APPLICABLE) _____

ADDRESS _____ CITY _____ STATE _____ ZIP _____

EMAIL ADDRESS _____

CELL PHONE _____ DAY PHONE _____

❖ PROGRAM SELECTION *(Please circle)*

| Ages 10 & Under & Optional Adult | Ages 9 to 99 |
|---|--|
| Rocket to Space Saturday, September 9, 2017 | Blast-off! Launch Day Saturday, September 23, 2017 |
| LEGO My Movie Saturday, October 14, 2017 | Movie Magic: Basics of Animation Saturday, October 28, 2017 |
| Kitchen Science Challenge Saturday, November 11, 2017 | Science Chef: Cooking with Chemistry Saturday, November 25, 2017 |
| Let It Shine Saturday, December 9, 2017 | Electricity & Circuits: Extreme Power Saturday, December 23, 2017 |
| Under the Sea Saturday, January 13, 2018 | Minecraft Mechanics: Coding & Redstone Saturday, January 27, 2018 |
| Mars Explorers Saturday, February 10, 2018 | Kerbal Space Program: Mun or Bust! Saturday, February 24, 2018 |
| Get Coding! Saturday, March 10, 2018 | Coding & Arduinos: LED Madness Saturday, March 24, 2018 |
| WeDo Nature Saturday, April 14, 2018 | Robots: Dance Dance Robo-lution Saturday, April 28, 2018 |
| Engineering Challenge Saturday, May 12, 2018 | Soar into Summer: Multiplayer Flight Simulation Saturday, May 26, 2018 |

❖ PAYMENT INFORMATION

Payment will be accepted in advance or at the door, if space permits. Pre-registration is complete on receipt of full payment. Registrations accepted on a first-come, first-serve basis. **VISA, MasterCard, Discover, AMEX, FSUCard or cash only. Please do not mail cash. Cash may be dropped off at our administrative offices or the box office with a valid sale number during business hours.**

PRE-REGISTRATION:

OF PROGRAMS x \$6 per person = _____

LATE REGISTRATION:

OF PROGRAMS x \$8 per person = _____

ANNUAL SUBSCRIPTION:

\$48 per person = _____

TOTAL AMOUNT TO BE CHARGED = _____

CREDIT CARD CASH

CREDIT CARD NUMBER _____ EXPIRATION DATE _____

NAME ON CARD _____ BILLING ZIP CODE _____

SIGNATURE _____ SALE # _____

MEDIA RELEASE

This is to certify that I, _____, give permission to the Challenger Learning Center, Florida A&M University and Florida State University to photograph and/or videotape for use on their website, social media, promotional brochures or during a local newscast or print interview. I understand that all rights, title and interest in the photography used belong to the Challenger Learning Center, Florida A&M University and Florida State University and that I will receive no financial compensation for the use of these pictures and/or videotape. I further understand that the above agencies may edit, copy, alter, or revise the photographs and/or videotape for use on our website, social media, promotional brochures or during a local newscast or print interview and that the above agencies will retain control over the use and distribution of the photographs and/or videotape. I have read this form and I understand its meaning.

Printed Name of Child’s Parent or Guardian

Signature: _____ Date: _____

Parent/Guardian

LIABILITY RELEASE

I, _____ hereby grant my child(ren), _____ permission to attend the Challenger Learning Center’s SCIturdays program and release the CLC staff, Florida A&M University, Florida State University, instructors, employees, sponsors and the Challenger Learning Center of any and all liability connected with his/her/their attendance.

Signature: _____ Date: _____

Parent/Guardian

AUTHORIZED PICK-UP

Please note that all parents and authorized individuals must present photo identification when picking up a child.

My child will be picked up from the Challenger Learning Center by:

PARENT/GUARDIAN

OR AUTHORIZED INDIVIDUAL(S)

Signature: _____ Date: _____

POLICY ACKNOWLEDGMENT

I have read and understand the registration information, including the policy on cancellation/refunds.

Signature: _____ Date: _____