2018–2019 after school programs at Spring Hills Elementary

Mondays: Chess Scholars

Develop your child's intellect through the fun game of chess! Current research has shown a strong link between chess and academic performance in a variety of areas, including mathematics and language arts. Also, chess has been proven to enhance motivation, concentration, focus, social skills, and creativity. No previous knowledge of chess is necessary. Each class will consist of a fun, interactive teaching period and guided practice time. Both new and returning participants are welcome and will get to the next level under the guidance of an experienced Chess Scholars coach. There will also be a chess competition with prizes towards the end of the session! Each child will receive a participation medal and a chess keychain. **Grades K-5**

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Fall 2018: Please register by 10/1 for the early bird price of $100.00. **Dates:** *October 15th - December 10th, No class: 11/19 (8 classes)* **Code:** *SHR10.15.18*

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Winter 2019: Please register by 12/31 for the early bird price of $100.00. **Dates:** *January 14th - March 18th, No class: 1/21, 2/18 (8 classes)* **Code:** *SHR1.14.19*

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Spring 2019: Please register by 3/18 for the early bird price of $100.00 **Dates** *April 1st - May 20th (8 classes)* **Code:** *SHR4.1.19*

Tuesdays: Let's Code It

Learn to #code with Afterschool Enrichment Solutions! Both new and returning participants are welcome. This course will immerse students in the world of computer programming. Your child will have the opportunity to design games, explore animation, and combine music and art with coding. This class uses the block-based programming system Scratch, which was developed by the MIT Media Lab to teach programming concepts. Topics covered include event handling, coordinates, conditional statements, user interface design, variables, logic statements, and synchronization. In addition to teaching programming skills, this course will also nurture students' creativity and problem-solving skills. No previous experience is necessary, just a desire to learn and have gigabytes of fun! Each participant will receive an award on the last day of the session, and will have the opportunity to earn Code Belts by demonstrating their learned skills! **Grades 2-5**

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Digital Dimension Fall 2018:

Please register by 10/2 for the early bird price of $116.00. **Dates:** *October 16th - December 11th, No class: 11/20 (8 classes)* **Code:** *SHR10.16.18*

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Kool Katz Theme Winter 2019: Please register by 1/8 for the early bird price of $116.00. **Dates:** *January 22nd - March 12th (8 classes)* **Code:** *SHR1.22.19*

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Video Game Design Theme Spring 2019: Please register by 3/19 for the early bird price of $116.00. **Dates:** *April 2nd - May 21st (8 classes)* **Code:** *SHR4.2.19*

Thursdays: Let's Build It

All sessions: No previous experience is necessary, just a desire to have fun, build, and learn. Each student will receive an award on the last day of the session, and have the opportunity to earn Energy Belts to demonstrate their learned skills!

Fall 2018: Enter into the fascinating world of robotics. In this exciting STEAM program, students will design, build and test their very own robots under the guidance of an experienced AES instructor. Projects include remote control cars, claws, cranes, crawlers, and battle bots. Educational components include gear ratios, mechanical design, electronics, and robotics engineering. **Grades 1-5**

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Please register by 9/27 for the early bird price of $116.00 **Dates:** *October 11th - December 6th, No class: 11/22 (8 classes)* **Code:** *SHR10.11.18*

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Winter 2018: Wacky Waves is an exhilarating, cutting-edge area of engineering. In this unit, students will design, build, and test various circuits and electronic projects. Instructors will guide students through core concepts of electrical engineering, introducing them to circuits and electrical components. Students will use hands-on projects and experiments to explore how electricity is part of our daily lives. Projects will include: various sound producing circuits, musical instruments, a simulated telephone, and even both their own radio...and radio station!

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Please register by 1/10 for the early bird price of $116.00. **Dates:** *January 24th - March 14th, (8 classes)* **Code:** *SHR1.24.19*

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Spring 2019: Chain Reaction in Action! In this STEAM program, students will be building Rube Goldberg "Mouse Trap" chain-reaction machines featuring levers, pulleys, and other simple machines. Engineering and physics concepts will be introduced and reinforced through hands-on, innovative lessons and creative play time. Problem solving skills and teamwork will be put to the test as the complexity of the projects increases from week to week. On the final class, there will be a building competition - How many contraptions can you connect in chain reaction? **Grades 1-5**

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Please register by 3/21 for the early bird price of $116.00. **Dates:** *April 4th - May 23rd, 3:35 PM - 4:35 PM (8 Classes)* **Code:** *SHR4.4.19*

All classes run from 3:35-4:35 PM. Students may bring a peanut-free snack to eat before all classes.

To sign up, please visit **https://www.learningmeansfun.com/signup**. *You will need to enter the course code above to register.*

If you have difficulty registering, please contact Afterschool Enrichment Solutions at 847-482-9999 or info@learningmeansfun.com

No refunds will be made, unless there is insufficient enrollment. No make-ups will be scheduled for inclement weather or circumstances beyond our control. It's the parents' responsibility to remind the children about the classes.