

Elementary School District 102



PRESENTS...

“CODING - THE NEXT FRONTIER”

SOAR Winter Session 2018



SCIENCE ⚙️ TECHNOLOGY ⚙️ ENGINEERING ⚙️ MATH

GENERAL INFORMATION

- **Coding – the Next Frontier** is a general enrichment opportunity provided through the D102 Talent Development Program. The primary goal of this program is to encourage children to pursue education in Computer Science fields as their education extends beyond to high school and college. The student created **Bit to Byte** is an organization comprised of LT students who have pursued these fields throughout their high school career and will continue to do so in college. They will use MIT's "Scratch" program to teach elementary and middle school aged kids more intermediate topics of the program so that they may begin to create more advanced games on their own.
- Bit to Byte does use still photographs and videos from their classes for their social media accounts. If you do NOT want your child in any of these images, let Randy Lange know. (langer@sd102.org)
- Highlights Include
 1. Control logic
 2. Motion commands
 3. Math operators and comparisons
 4. Variables
- **Coding – the Next Frontier** is open to all interested students in grades 4-8. **Students MUST have experience in Scratch to enroll in this class.** Given the nature of the classes and the students served, a very high level of behavioral standards is optimal for the benefit of everyone.
- This session will run two Monday evenings – February 5th and February 12th from 6-8PM, at Park Junior High School (333 N. Park Rd, La Grange Park.) **The cost is \$35.** Students may bring a snack to class. **PLEASE do NOT bring peanuts.**
- Registration forms and information are found on PushCoin. Registrations will be taken on a first-come, first-served basis. If the class is full, PushCoin will not allow you to select the class. Classes are open to students within AND outside of District 102. Notification of classes that are canceled due to low enrollment will be made via an email.
- Cancellations requested will be charged a \$10 processing fee. **Refund requests must be made by February 1st.** Requests **cannot** be honored after that date.
- Registration questions should be directed to Randy Lange @ 708-215-7123.

ABOUT THE TEACHERS

Bit to Byte is a group of students at Lyons Township High School who have an interest in technology and a passion for teaching. They have taught several STEM-based classes in the area. In addition to the group led classes, they are available to give private lessons with technology for all ages and offer individual coding lessons for kids. Follow them on Twitter @BitToByte_Org, or email them at inquiries@bittobyte.org.

THIS IS A GREAT WAY TO GET AN EDUCATIONAL DOSE OF TECHNOLOGY ENRICHMENT!