

## Jr. Hardware and Software Engineering

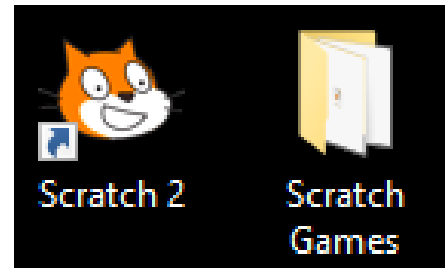
### Jr. Scratch and MaKey MaKey: Musical Adventures

*In Musical Adventures With Scratch and MaKey MaKey,*

**STUDENTS WILL...**

- *Use both hardware and software engineering to explore and program different sounds.*
- *Create their own interpretations of common musical instruments like drums, piano, and guitar.*
- *Create their very own dancing program, all through the use of MaKey MaKey and Scratch to bring their music to life!*
- *Learn about the basic hardware circuits and use of MaKey MaKey as they make index card controllers of a Scratch program that plays musical scales.*
- *Make their Scratch programs move to the beat as they learn the basics of animation.*

**The last day will end with a bang, or at least a really great mini concert from all of our students!**



**Dates:** Mondays After School

Oct. 03	Oct. 31	Nov. 28
Oct. 17	Nov. 07	Dec. 05
Oct. 24	Nov. 14	Dec. 12

**Time:** PK — 2nd 3:30 to 4:45

**Cost:** \_\_\_\_\_

**Location:** Collegiate Prep  
Elementary School  
975 Pickard Drive  
Cedar Hill, TX 75104

### LET THE LEARNING CONTINUE:

**Parents can purchase the hardware kit for \$49.99 for kids to take home at the conclusion of the program!**

