



Randall Elementary School Scratch Club

Dear Parents and Guardians,

Is your 4th or 5th grader interested in creating interactive art or animated stories? Would they like to learn how to program in Scratch to create their own projects, such as video games or puzzles? If so, join the Randall Scratch club!

Scratch Club teaches kids **computational ideas**, in particular, how to decompose solutions into logical steps and how to program computers using *Scratch*. Scratch is a highly-visual programming language developed for beginning programmers and children. Scratch makes it easy to create interactive games, stories, and art. By creating these projects, children learn important mathematical and computational ideas. To learn more, visit <http://scratch.mit.edu>.

This semester the club will meet **in person in the Randall LMC on Wednesdays 2:40-3:40p**, starting **September 28th** and ending **December 14th**. We will not hold the club any day in which Randall or the UW does not have school, **so there is no club on November 23rd**.

We will focus on the basics of Scratch this semester and how Scratch can be used to create art, interactive stories, and games. Each week the students will be taught a computational concept and then given time to work on a suggested Scratch project. In this way, the club is really like a course, which is why we only allow students to attend for one semester while at Randall.

The club will be taught by several UW students who are taking a service-learning course giving them credit for community outreach; all of the UW students have taken previous courses in Computer Science. I will be present as well to make sure things remain "school appropriate" and to address any issues that come up. The club is sponsored by the Franklin-Randall PTO.

If you have any questions, please do not hesitate to contact Lisa.

Sincerely,

Lisa Grueneberg, Randall club coordinator lisagrue@gmail.com and
Professor Andrea C. Arpaci-Dusseau, UW-Computer Science Dept.

dusseau@cs.wisc.edu

Informational video: <https://www.youtube.com/watch?v=P87zSkOwLkI>

Fall 2022 Randall Scratch Club Registration

The Scratch Club is open to students in the 4th and 5th grades. Use a separate form for each child in the family.

There are two ways to sign up:

1. [Fill out this Google Form.](#)
2. -or- Return a copy (photo or electronic version) of the below form to Lisa Grueneberg via email to lisagrue@gmail.com.

The registration deadline is 8am on Monday, September 26th.

Notes about enrollment:

- Note that students can only attend club for a single semester.
- Enrollment will be limited to approximately 15 students, with preference given to 5th graders. There will be a lottery if there are more than 15 interested students.
- We will contact you regarding whether or not we can enroll your child via email by Monday, September 26th 5pm.

Fall 2022 Randall Scratch Club Registration Form

Please return this form to Lisa Grueneberg at lisagrue@gmail.com

Child's name: _____

Grade: _____ Teacher: _____

Parent's name: _____ Parent Email: _____

Address: _____

Cell/Work phone numbers where you may be reached (3-5 pm): _____

Has your child been enrolled in Scratch Club before? Yes / No

After the club, will your child (**circle one**):

Attend After-School at Randall Picked up by Parent/Sitter

Walk/Bike Home Taxi Ride Home (PTO Sponsored)

We will be using the web-based online Scratch. Students will create their own account. This requires picking a login name and revealing the following info: birth month and year, gender, country, and a parent's email address. Note that there are some social aspects to having a Scratch account, but these are not part of the club curriculum, and would need to be approved by you (you will receive a message to give a blanket approval via the parent's email address they enter).

If requesting taxi rides, you understand that the club volunteer will place your child in a pre-paid cab for their ride home and supervision will end at that point.

Parent signature (typed or drawn) _____



SCRATCH