

# K – 5<sup>th</sup> Grade



## Rockbrook Elementary School ROBOTICS & CODING CLUB

Students will learn computational thinking by building robots & programing them, and by creating animations & games

**LOGICAL THINKING**

**CRITICAL THINKING**

**TEAM BUILDING**



# SCRATCH

### Learning Goals:

- Introduction to robotics – motors, gears, pulleys etc.
- Build fun and useful robots and program them to perform activities.
- Prepare for First LEGO League.
- Learn basics of Visual Block Programming using MIT Scratch
- Harness opportunity to think, to imagine, to explore, to create while having FUN!
- Learn and apply computational thinking concepts to create games or animations

### PROJECT SHOWCASE AND HACKATHON

Last session will be extended for project showcases or hackathon and award ceremony. Family and friends are welcome!

- **Tuesdays 3:00 – 3:45 pm**
- **\$85/month & \$25 one-time registration fee**
- **3-Month Semester, Sept – Nov 2019**
- **Questions: 469.471.8180, [info@wizeacademy.com](mailto:info@wizeacademy.com)**

**Register : [www.wizeacademy.com/register](http://www.wizeacademy.com/register)**