



# Coding and Robotics



Pre-K/K

	Monday	Tuesday	Wednesday	Thursday	Friday
<p><u>Curriculum</u></p> <p>This month we will focus on Robotics and Coding! Students will learn what a robot is, how different types of robots can be programmed to do a variety of jobs, and practice coding robots to follow their commands. They will practice directional language and critical thinking skills while solving mazes and coding challenges. Children will also practice mathematical equations using simple addition and subtraction.</p> <p><u>Literacy</u>: read alouds, journals, directional language, robotics vocabulary (humanoid, autonomous, teleoperated, augmenting)</p> <p><u>STEAM</u>: Sorting, living vs. nonliving, designing our own robots, gear painting</p> <p><u>Social/Emotional</u>: Mindfulness, presentations, managing frustration</p> <p><u>Social Studies/Multicultural</u>: World Autism Awareness Day, American Symbols, learning the National Anthem</p>	1	2	3	4	5
	What is coding? class discussion	Clink by Kelly DiPuccio playing directional games	Journals If I had a robot... <b>Picture Day!</b>	Code-A-Pillar introducing coding concepts with our caterpillar friend! <b>Music with Mr. Wayne</b>	Art Gallery Night! 5:00-6:30 p.m.
	8	9	10	11	12
	What is a solar eclipse? 	Gear Painting stamping with gears	Journals I can ____ all by myself. <b>Yoga with Ms. Megan</b>	Hello Ruby: Adventures in Coding by Linda Liukas	Scavenger Hunt! 
	15	16	17	18	19
	Patriot's Day CHDS Closed	Robot Design designing a robot out of construction paper	Journals I think it's funny when ____	What is a computer? learning about the parts of a computer and playing computer games	Programmer Says playing a coding game
	22	23	24	25	26
	Celebrating Earth Day! nature walk to Millennium Park!	Robots, Robots Everywhere by Sue Fliess learning about different types of robots	Journals I want to go to ____ <b>Yoga with Ms. Megan</b>	My Mindful Robot by Joey Acker reviewing zones of regulation <b>Music with Mr. Wayne</b>	The Most Magnificent Thing by Ashley Spires
	29	30			
	 Happy Birthday Ella!	Robot Museum sharing our robot projects	<b>*Reminder: Parent Teacher Conferences are on Thursday 5/2</b>		