

SKOKIE • SUMMER 2019 • Age 4 – Gr.5

Leapfrog | Spark Half-Day and All-Day Course Reference Chart

KEY

A.M. 9a.m. – 12 noon

P.M. 1p.m. – 4 p.m.

All Day 9a.m. – 4 p.m.

Favorite Courses, June 24-28

GRADE LEVEL	COURSE TITLE	SUBJECT AREA	AM
PreK/K	Ocean Explorers	Science	•
PreK/K	Surprising Spills and Messes	Science	•
PreK/K	Top Secret Numbers	Mathematics	•
K/1	Coding Super Sequence	Tech, Comp Sci & Engineering	•
K/1	Extreme Code Breaking	Mathematics	•
K/1	Awesome Explosions and Collisions	Science	•
1/2	Business Start Up	Mathematics	•
1/2	Grossology: Fascinating Systems of the Human Body	Science	•
2/3	Brain Surgery	Science	•
2/3	Brain Twisters	Mathematics	•

July 8-12

GRADE LEVEL	COURSE TITLE	SUBJECT AREA	AM	PM	ALL
Age 4	Science Spies: Snooping for Answers	Science	•		
PreK/K	Bees & Hives	Science	•	•	
PreK/K	Geometry on the Playground	Mathematics	•	•	
PreK/K	If I Ran the Zoo	English & Language Arts	•	•	
K/1	African Safari	English & Language Arts	•		

K/1	Dinosaur Discovery: Paleontology Unearthed	Science		•	
K/1	Geometry of Building: Blocks & Blueprints	Mathematics	•		
K/1	Robots on the Grid	Tech, Comp Sci & Engineering	•	•	
1/2	Creatures of the Deep: The Challenge to Survive	Science	•		
1/2	Geometry of Treasure Maps	Mathematics	•		
1/2	Music, Math & Composition	Mathematics			•
1/2	Robots in Sync	Tech, Comp Sci & Engineering		•	
2/3	Biomimicry: Nature's Innovations Inspire Human Design	Science		•	
2/3	Geometry in Planes and Patterns	Mathematics	•		
2/3	LEGO Metropolis: Urban Design & Architecture	Science			•
2/3	Life on Mars	English & Language Arts	•		
3/4	Survivor Math	Mathematics			•
3/4	How Things Work: Electronics	Science			•
1-5	Challenge Lab Makerspace	Science		•	
4/5	Making Machines Move: Robotics with Microcontrollers	Tech, Comp Sci & Engineering			•

July 15-19

GRADE LEVEL	COURSE TITLE	SUBJECT AREA	AM	PM	ALL
3YO Parent-Child	Tadpole Academy-Summer 1	Interdisciplinary	•		

Age 4	Swirl, Soak and Spray: How Water Works	Science	•		
PreK/K	Kitchen Math	Mathematics	•	•	
PreK/K	Puppet Productions	English & Language Arts	•		
PreK/K	Robot Road Trip	Tech, Comp Sci & Engineering	•	•	
K/1	Fast & Faster: Speed & Motion	Science	•	•	
K/1	Heroes and Villains	English & Language Arts	•		
K/1	Math for Sports	Mathematics	•	•	
1/2	Coding Robots: Speaking their Languages	Tech, Comp Sci & Engineering			•
1/2	Go! Go! Super Powers	English & Language Arts	•		
1/2	Math in the Animal World	Mathematics	•		
1/2	Take Apart: Deconstructing Science	Science		•	
2/3	Digital Game Design	Tech, Comp Sci & Engineering			•
2/3	Math in Space	Mathematics	•		
2/3	Rocket Science: Blast off with Newton	Science	•	•	
3/4	Pen to Podium: Expert Writing & Speaking	English & Language Arts			•
3/4	Robotics Lab: Recording & Sharing EV3 Experiments	Tech, Comp Sci & Engineering			•
1-5	Challenge Lab Makerspace	Science		•	
4/5	Rollercoaster Physics	Science			•

July 22-26

GRADE LEVEL	COURSE TITLE	SUBJECT AREA	AM	PM	ALL
3YO Parent-Child	Tadpole Academy-Summer 2	Interdisciplinary	•		

Age 4	Matter Minds: Solids, Liquids & Gases	Science	•		
PreK/K	Coding Pattern Power	Tech, Comp Sci & Engineering	•	•	
PreK/K	Cover to Cover: Make Your Own Book	English & Language Arts	•		
PreK/K	Doctors & Dentists	Science	•	•	
K/1	Click! Telling Stories with Photos	English & Language Arts	•		
K/1	Headcase: Ear, Nose & Throat	Science	•	•	
K/1	Measurement: Math Problem Solvers	Mathematics	•	•	
1/2	Comic Book Storytelling	English & Language Arts	•		
1/2	Incredible Animal Adaptations	Science			•
1/2	Probability: The Math of Prediction	Mathematics	•		
1/2	Sports & Medicine	Science		•	
2/3	Immunology & Allergies	Science		•	
2/3	Mini-Memoirs: Nonfiction & Perspective	English & Language Arts	•		
2/3	Multiplication, Fractions & Decimals: Take Apart Math	Mathematics	•		
2/3	Robotics Challenges with LEGO We Do	Tech, Comp Sci & Engineering			•
3/4	3D Cell Biology	Science			•
3/4	Intro to AI: EV3 Sensors and More	Tech, Comp Sci & Engineering			•
1-5	Challenge Lab Makerspace	Science		•	
4/5	Business Behavior: Intro to Behavioral Economics	Humanities, Social Science & Arts			•