

# OAKLAND 2019 CLASS SCHEDULE

## Week 3 - July 8 - July 12

AM (9:00-12:30) - select one AM class for the week.		PM (1:30-5:00) - select one PM class for the week.	
AdventureQuest- Leadership Games	Ages 5-10	Comic Creation	Ages 8-13
Canvas Painting	Ages 8-13	Engineering Discovery Workshop	Ages 7-10
Engineering - Flight and Aerospace	Ages 8-13	Engineering of Ice Cream	Ages 8-13
Minecraft Advanced	Ages 10-14	Escape Room Creation	Ages 8-13
Programming in Python - Introduction	Ages 10-14	Minecraft Survival for Beginners	Ages 5-10
Robotics VEX IQ Animals	Ages 10-15	Programming in Java - Introduction	Ages 13-15
Video Game Creation Advanced	Ages 10-14	Robotics VEX IQ Vehicles	Ages 10-15
War and Peace Games - Game Theory	Ages 10-14	Video Game Creation Beginners	Ages 8-13
Youngster - Right Brain Mix	Ages 5-7	Youngster - Left Brain Mix	Ages 5-7

## Week 4 - July 15 - July 19

AM (9:00-12:30) - select one AM class for the week.		PM (1:30-5:00) - select one PM class for the week.	
App Design Using App Inventor	Ages 10-14	Chemical Engineering: Polymers & Bioplastics	Ages 8-13
Civil Engineering - Bridges and Buildings	Ages 8-13	Detective/Spy Lab	Ages 7-10
Crazy Chemworks	Ages 7-10	Drone Programming	Ages 10-14
Drone Programming	Ages 10-14	Math Competition Training	Ages 8-13
Fashion and The Sewing Machine	Ages 8-13	Minecraft and Coding	Ages 10-14
Investment Literacy and Stock Market Game	Ages 8-13	Mixed Media Studio Art	Ages 8-13
Minecraft and Chemistry	Ages 10-14	Roblox Game Development	Ages 10-14
Robotics VEX IQ Vehicles	Ages 10-15	Robotics VEX IQ Animals	Ages 10-15
Youngster - Left Brain Mix	Ages 5-7	Youngster - Right Brain Mix	Ages 5-7

## Week 5 - July 22 - July 26

AM (9:00-12:30) - select one AM class for the week.		PM (1:30-5:00) - select one PM class for the week.	
3D Printing	Ages 10-14	3D Printing	Ages 10-14
AdventureQuest- Leadership Games	Ages 5-10	Engineering and Programming with Arduino	Ages 10-14
Electrical Engineering with Makey-Makey	Ages 8-13	Engineering Discovery Workshop	Ages 7-10
Eureka! The Inventors' Camp	Ages 7-10	Film-Making	Ages 8-13
Shark Tank Entrepreneur	Ages 10-14	Graphic Design and GIMP	Ages 8-13
Stop-Action Animation	Ages 8-13	Lemonade Stand Entrepreneur	Ages 8-10
Virtual Reality	Ages 10-14	Shockingly Sticky Science	Ages 7-10
Website Design with Wordpress	Ages 8-13	Virtual Reality	Ages 10-14

## Week 6 - July 29 - August 2

AM (9:00-12:30) - select one AM class for the week.		PM (1:30-5:00) - select one PM class for the week.	
3D Printing	Ages 10-14	3D Printing	Ages 10-14
Comic Creation	Ages 8-13	Anatomy and Surgical Techniques	Ages 10-14
Creative Writing Workshop	Ages 8-13	Canvas Painting	Ages 8-13
Forensic Science	Ages 10-14	Fashion Design on the Computer	Ages 8-13
Minecraft Math	Ages 8-13	Minecraft Creative - The Engineer in You	Ages 8-13
Pre-Architecture	Ages 10-14	Programming - Scratch - Easy	Ages 7-10
Programming - Scratch - Easy	Ages 7-10	Public Speaking and Youth Leadership	Ages 8-13
Youngster - Left Brain Mix	Ages 5-7	Youngster - Right Brain Mix	Ages 5-7

## Week 7 - August 5 - August 9

AM (9:00-12:30) - select one AM class for the week.		PM (1:30-5:00) - select one PM class for the week.	
Engineering Discovery Workshop	Ages 7-10	AdventureQuest- Leadership Games	Ages 5-10
Engineering of Ice Cream	Ages 8-13	Engineering - Flight and Aerospace	Ages 8-13
Escape Room Creation	Ages 8-13	Fashion and The Sewing Machine	Ages 8-13
GIRLS ONLY: Robotics, Engineering & Computer Science	Ages 7-9	GIRLS ONLY: Robotics, Engineering & Computer Science	Ages 9-11
Minecraft Survival for Beginners	Ages 5-10	Minecraft Advanced	Ages 10-14
Mixed Media Studio Art	Ages 8-13	Programming in Python - Introduction	Ages 10-14
Programming in Java - Introduction	Ages 13-15	Robotics Lego © Vehicles	Ages 8-13
Robotics Lego © Animals	Ages 8-13	Video Game Creation Advanced	Ages 10-14
Video Game Creation Beginners	Ages 8-13	War and Peace Games - Game Theory	Ages 10-14
Youngster - Right Brain Mix	Ages 5-7	Youngster - Left Brain Mix	Ages 5-7

Week 8 - August 12 - August 16			
AM (9:00-12:30) - select one AM class for the week.		PM (1:30-5:00) - select one PM class for the week.	
Chemical Engineering: Polymers & Bioplastics	Ages 8-13	App Design Using App Inventor	Ages 10-14
Detective/Spy Lab	Ages 7-10	Civil Engineering - Bridges and Buildings	Ages 8-13
Drone Programming	Ages 10-14	Crazy Chemworks	Ages 7-10
Film-Making	Ages 8-13	Drone Programming	Ages 10-14
Math Competition Training	Ages 8-13	Investment Literacy and Stock Market Game	Ages 8-13
Minecraft and Coding	Ages 10-14	Minecraft and Chemistry	Ages 10-14
Roblox Game Development	Ages 10-14	Robotics VEX IQ Vehicles	Ages 10-15
Robotics VEX IQ Animals	Ages 10-15	Stop-Action Animation	Ages 8-13
Youngster - WeDo Robotics	Ages 5-7	Youngster - Scratch Junior	Ages 5-7

OAKLAND - 2019		Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
(AM = 9:00-12:30 ; PM = 1:30 - 5:00)		July 8-12	July 15-19	July 22-26	July 29-Aug 2	Aug 5-9	Aug 12-16
3D Printing	Ages 10-14			AM, PM	AM, PM		
AdventureQuest- Leadership Games	Ages 5-10	AM		AM, PM		PM	
Anatomy and Surgical Techniques	Ages 10-14				PM		
App Design Using App Inventor	Ages 10-14		AM				PM
Canvas Painting	Ages 8-13	AM			PM		
Chemical Engineering: Polymers & Bioplastics	Ages 10-14		PM			PM	AM
Civil Engineering - Bridges and Buildings	Ages 8-11		AM				PM
Comic Creation	Ages 8-13	PM			AM		
Crazy Chemworks	Ages 7-10		AM				PM
Creative Writing Workshop	Ages 8-13				AM		
Detective/Spy Lab	Ages 7-10		PM				AM
Drone Programming	Ages 10-14		AM, PM				AM, PM
Electrical Engineering with Makey-Makey	Ages 8-13			AM			
Engineering - Flight and Aerospace	Ages 8-11	AM				PM	
Engineering and Programming with Arduino	Ages 10-14			PM			
Engineering Discovery Workshop	Ages 7-10	PM		PM		AM	
Engineering of Ice Cream	Ages 8-13	PM				AM	
Escape Room Creation	Ages 8-13	PM				AM	
Eureka! The Inventors' Camp	Ages 7-10			AM			
Fashion and The Sewing Machine	Ages 8-13		AM			PM	
Fashion Design on the Computer	Ages 8-13				PM		
Film-Making	Ages 8-13			PM			AM
Forensic Science	Ages 10-14				AM		
GIRLS ONLY: Programming in Scratch and Hopscotch	Ages 8-11						AM
GIRLS ONLY: Robotics	Ages 11-15						PM
GIRLS ONLY: Robotics-Engineering-Computer Science	Ages 7-9					AM	
GIRLS ONLY: Robotics-Engineering-Computer Science	Ages 9-11					PM	
Graphic Design and GIMP	Ages 8-13			PM			
Investment Literacy and Stock Market Game	Ages 10-14		AM				PM
Lemonade Stand Entrepreneur	Ages 8-10			PM			
Math Competition Training	Ages 10-14		PM				PM
Minecraft Advanced	Ages 10-14	AM				PM	
Minecraft and Chemistry	Ages 10-14		AM				PM
Minecraft and Coding	Ages 10-14		PM				AM
Minecraft Creative - The Engineer in You	Ages 8-13				PM		
Minecraft Math	Ages 8-13				AM		
Minecraft Survival for Beginners	Ages 5-10	PM				AM	
Mixed Media Studio Art	Ages 8-13		PM			AM	
Pre-Architecture	Ages 10-14				AM		
Programming - Scratch - Easy	Ages 7-10				AM, PM		
Programming in Java - Introduction	Ages 13-15	PM				AM	
Programming in Python - Introduction	Ages 10-14	AM				PM	
Public Speaking and Youth Leadership	Ages 8-13				PM		
Roblox Game Development	Ages 10-14		PM				AM
Robotics Lego © Animals	Ages 8-10					AM	
Robotics Lego © Vehicles	Ages 8-10					PM	
Robotics VEX IQ Animals	Ages 10-15	AM	PM				AM
Robotics VEX IQ Vehicles	Ages 10-15	PM	AM				PM
Shark Tank Entrepreneur	Ages 10-14			AM			
Shockingly Sticky Science	Ages 7-10			PM			
Stop-Action Animation	Ages 8-13			AM			PM
Video Game Creation Advanced	Ages 10-14	AM				PM	
Video Game Creation Beginners	Ages 8-10	PM					
Virtual Reality	Ages 10-14			AM, PM			
War and Peace Games - Game Theory	Ages 10-14	AM				PM	
Website Design with Wordpress	Ages 8-13			AM			
Youngster - Left Brain Mix	Ages 5-7	PM	AM		AM	PM	
Youngster - Right Brain Mix	Ages 5-7	AM	PM		PM	AM	
Youngster - Scratch Junior	Ages 5-7						PM
Youngster - WeDo Robotics	Ages 5-7						AM