



International Ivy

Enrichment Programs



SHORT HILLS 2018 CLASS SCHEDULE

Week 1 - June 25 - June 29

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	Canvas Painting	Ages 8-13,
App Design Using App Inventor	Ages 10-14	Chemical Engineering: Polymers & Bioplastics	Ages 8-13
Business Simulation & Microsoft Excel	Ages 10-14	Fashion Design on the Computer	Ages 8-13
Civil Engineering - Bridges and Buildings	Ages 8-13	Investment Literacy and Stock Market Game	Ages 8-13
Comic Creation	Ages 8-13	Leadership Games for Older Kids	Ages 10-14
Creative Writing Workshop	Ages 8-13	Eureka! The Inventors' Camp	Ages 7-10
Fashion and The Sewing Machine	Ages 8-13	Programming in Python - Level 1	Ages 10-14
Graphic Design and GIMP	Ages 8-13	Raspberry Pi	Ages 13-15
Programming in Java - Level 1	Ages 13-15	Video Journalism	Ages 8-13
Shockingly Sticky Science	Ages 7-10	Website Design with Wordpress	Ages 8-13
Youngster - Left Brain Mix	Ages 5-7	Youngster - Right Brain Mix	Ages 5-7

Week 2 - July 2 - July 6 (Off - July 4)

AM (9:00-12:30) - select one AM class for the week.		PM (1:30-5:00) - select one PM class for the week.	
Anatomy and Surgical Techniques	Ages 10-14	Detective/Spy Lab	Ages 7-10
Crazy Chemworks	Ages 7-10	Engineering - Flight and Aerospace	Ages 8-13
Fashion Design on the Computer	Ages 8-13	Fashion and The Sewing Machine	Ages 8-13
Film-Making	Ages 8-13	Magic - Sleight of Hand with Bill Wisch	Ages 8-13
Lemonade Stand Entrepreneur	Ages 8-10	Minecraft Survival for Beginners	Ages 5-10
Minecraft Math	Ages 8-13	Programming - Snap! - Easy	Ages 10-14
Pre-Law	Ages 10-14	Public Speaking and Youth Leadership	Ages 8-13
Programming - Scratch - Easy	Ages 7-10	Shark Tank Entrepreneur	Ages 10-14
Video Game Creation - Advanced	Ages 10-14	Stop-Action Animation	Ages 8-13
War and Peace Games - Game Theory	Ages 10-14	Video Game Creation - Beginner	Ages 8-13
Youngster - Right Brain Mix	Ages 5-7	Youngster - Left Brain Mix	Ages 5-7
Programming in Java - Level 2 - Minecraft Mods - Full-day		Ages 13-15	

Week 3 - July 9 - July 13

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
Civil Engineering - Bridges and Buildings	Ages 8-13	Chemical Engineering: Polymers & Bioplastics	Ages 8-13
Electrical Engineering with Makey-Makey	Ages 8-13	Creative Writing Workshop	Ages 8-13
Fashion and The Sewing Machine	Ages 8-13	Engineering and Programming with Arduino	Ages 10-14
Golf	Ages 8-13	Fashion Design on the Computer	Ages 8-13
Graphic Design and GIMP	Ages 8-13	Fencing	Ages 10-14
Leadership Games for Older Kids	Ages 10-14	Math Competition Training	Ages 8-13
Minecraft Advanced	Ages 10-14	Minecraft Creative - The Engineer in You	Ages 8-13
Eureka! The Inventors' Camp	Ages 7-10	Pre-Law	Ages 10-14
Programming - Scratch - Easy	Ages 7-10	Programming - Snap! - Easy	Ages 10-14
Public Speaking and Youth Leadership	Ages 8-13	Robotics Half-Day Vehicles	Ages 8-13
Robotics Half-Day Animals	Ages 8-13	Shockingly Sticky Science	Ages 7-10
The Business of E-Sports	Ages 10-14	War and Peace Games - Game Theory	Ages 10-14
Video Journalism	Ages 8-13	Website Design with Wordpress	Ages 8-13
Youngster - Left Brain Mix	Ages 5-7	Youngster - Right Brain Mix	Ages 5-7



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Week 4 - July 16 - July 20			
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
Crazy Chemworks	Ages 7-10	Detective/Spy Lab	Ages 7-10
Cryptology and Cyber Security	Ages 10-14	Engineering and Programming with Arduino	Ages 10-14
Electrical Engineering with Makey-Makey	Ages 8-13	Engineering of Ice Cream	Ages 8-13
Golf	Ages 8-13	Escape Room Creation	Ages 8-13
Interior Design	Ages 10-14	Fencing	Ages 10-14
Math Competition Training	Ages 8-13	Minecraft Math	Ages 8-13
Minecraft Survival for Beginners	Ages 5-10	My First Chemistry	Ages 5-7,
Programming in Java - Level 1	Ages 13-15	Pre-Architecture	Ages 10-14
Public Speaking and Youth Leadership	Ages 8-13	Programming in Python - Level 1	Ages 10-14
Robotics Half-Day Vehicles	Ages 8-13	Robotics Half-Day Animals	Ages 8-13
Youngster - Scratch Junior	Ages 5-7,	The Business of E-Sports	Ages 10-14
Video Game Creation - Advanced	Ages 10-14	Video Game Creation - Beginner	Ages 8-13
Website Design - Advanced	Ages 10-14	War and Peace Games - Game Theory	Ages 10-14
Youngster - Right Brain Mix	Ages 5-7	Youngster - Left Brain Mix	Ages 5-7

Week 5 - July 23 - July 27			
AM (9:00-12:30) - select one AM class for the week.		PM (1:30-5:00) - select one PM class for the week.	
Creative Writing Workshop	Ages 8-13	Acting for the Stage	Ages 8-13
Drone Programming	Ages 10-14	Anatomy and Surgical Techniques	Ages 10-14
Engineering - Flight and Aerospace	Ages 8-13	Drone Programming	Ages 10-14
Golf	Ages 8-13	Fencing	Ages 10-14
Leadership Games for Older Kids	Ages 10-14	Film-Making	Ages 8-13
Minecraft Creative - The Engineer in You	Ages 8-13	Magic - Sleight of Hand with Bill Wisch	Ages 8-13
Musical Theater	Ages 8-13	Math Competition Training	Ages 8-13
Programming - Snap! - Easy	Ages 10-14	Minecraft Advanced	Ages 10-14
Robotics Half-Day Animals	Ages 8-13	Programming - Scratch - Easy	Ages 7-10
Stop-Action Animation	Ages 8-13	Robotics Half-Day Vehicles	Ages 8-13
The Business of E-Sports	Ages 10-14	Video Journalism	Ages 8-13
Youngster - Left Brain Mix	Ages 5-7	Youngster - Right Brain Mix	Ages 5-7
Youngster - Programming with Dash & Dot	Ages 5-7	Youngster - WeDo Robotics	Ages 5-7
Programming in Java - Level 2 - Minecraft Mods - Full-day		Ages 13-15	

Week 6 - July 30 - August 3			
AM (9:00-12:30) - select one AM class for the week.		PM (1:30-5:00) - select one PM class for the week.	
Acting for the Stage	Ages 8-13	App Design Using App Inventor	Ages 10-14
Canvas Painting	Ages 8-13	Comic Creation	Ages 8-13
Drone Programming	Ages 10-14	Cryptology and Cyber Security	Ages 10-14
Engineering of Ice Cream	Ages 8-13	Drone Programming	Ages 10-14
Escape Room Creation	Ages 8-13	Fencing	Ages 10-14
Golf	Ages 8-13	Graphic Design and GIMP	Ages 8-13
Minecraft Math	Ages 8-13	Lemonade Stand Entrepreneur	Ages 8-10
Programming in Python - Level 1	Ages 10-14	Minecraft Survival for Beginners	Ages 5-10
Raspberry Pi	Ages 13-15	Musical Theater	Ages 8-13
Robotics Half-Day Vehicles	Ages 8-13	Programming in Java - Level 1	Ages 13-15
Shark Tank Entrepreneur	Ages 10-14	Robotics Half-Day Animals	Ages 8-13
Website Design with Wordpress	Ages 8-13	Website Design - Advanced	Ages 10-14
Youngster - Right Brain Mix	Ages 5-7	Youngster - Left Brain Mix	Ages 5-7
Youngster - WeDo Robotics	Ages 5-7	Youngster - Programming with Dash & Dot	Ages 5-7



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Week 7 - August 6 - August 10			
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
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
Engineering of Ice Cream	Ages 8-13	Cryptology and Cyber Security	Ages 10-14
Golf	Ages 8-13	Fencing	Ages 10-14
Minecraft Creative - The Engineer in You	Ages 8-13	Interior Design	Ages 10-14
My First Chemistry	Ages 5-7,	Lemonade Stand Entrepreneur	Ages 8-10
Pre-Architecture	Ages 10-14	Magic - Sleight of Hand with Bill Wisch	Ages 8-13
Pre-Law	Ages 10-14	Minecraft Advanced	Ages 10-14
Programming - Scratch - Easy	Ages 7-10	Programming - Snap! - Easy	Ages 10-14
Shark Tank Entrepreneur	Ages 10-14	Youngster - Scratch Junior	Ages 5-7,
Youngster - Left Brain Mix	Ages 5-7	Youngster - Right Brain Mix	Ages 5-7
Programming in Java - Level 2 - Minecraft Mods - Full-day		Ages 13-15	
Robotics Full-Day		Ages 10-14	

Week 8 - August 13 - August 17			
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
Anatomy and Surgical Techniques	Ages 10-14	Canvas Painting	Ages 8-13,
Business Simulation & Microsoft Excel	Ages 10-14	Electrical Engineering with Makey-Makey	Ages 8-13
Comic Creation	Ages 8-13	Engineering - Flight and Aerospace	Ages 8-
Creative Writing Workshop	Ages 8-13	Fashion and The Sewing Machine	Ages 8-13
Engineering and Programming with Arduino	Ages 10-14	Fencing	Ages 10-14
Fashion Design on the Computer	Ages 8-13	Investment Literacy and Stock Market Game	Ages 8-13
Film-Making	Ages 8-13	Minecraft Math	Ages 8-13
Golf	Ages 8-13	Pre-Law	Ages 10-14
Leadership Games for Older Kids	Ages 10-14	Shockingly Sticky Science	Ages 7-10
Minecraft Survival for Beginners	Ages 5-10	Stop-Action Animation	Ages 8-13
Eureka! The Inventors' Camp	Ages 7-10	Video Game Creation - Advanced	Ages 10-14
Video Game Creation - Beginner	Ages 8-13	Video Journalism	Ages 8-13
Youngster - Right Brain Mix	Ages 5-7	Youngster - Left Brain Mix	Ages 5-7
Robotics Full-Day		Ages 10-14	