



<http://www.stormingrobots.com>

Which **SUMMER** workshop is right for my child ?

For those who:

- ❶ Have none to some experience in robotics and/or programming.
- ❷ Look for vigorous learning in computer programming w/ algorithmic thinking.
- ❸ Are interested in learning in Electronics.
- ❹ Wish to work on robotics projects with more focus on math application.
- ❺ Wish to gain experience with various competitions and see which one is the most suitable.
- ❻ Require additional preRequisites. Please see details online — summer2020.stormingrobots.com

Registration: <http://campreg.stormingrobots.com>

Grades

❶ ❷ ❸ ❹ ❺ ❻

		Grades	❶	❷	❸	❹	❺	❻
6/29—7/3	🔗 Robotics Amusement Park with Mechanical Ferris-Wheel	4—6	✓					
	🔗 Jr. Robotics Technology Projects	4—6	✓					
	🔗 Robotics Technology Projects	6—8	✓	✓		✓		
	🔗 Programming with Computational Thinking <i>(Progressive)</i>	8+	✓					
	🔗 Jr. MakeBlock Bot w/ Programming (Take Home Devices)	6—8	✓		✓			
7/6—10	🔗 Robo500 Grand Challenge & Drag Racing	4—6	✓					
	🔗 Robotics Fun with Mathematics	5—8	✓			✓		
	🔗 Robot-to-Robot Automation and Remote Control I	7—11		✓		✓		
	🔗 Raspberry Pi I - OS & Python (Take Home Devices)	8+		✓	✓	✓		✓
	🔗 Robotics w/ Electronics: Arduino—I (Take Home Devices)	8+		✓	✓			✓
7/13—17	🔗 Deep Space Terraformer	4—6	✓					
	🔗 RoboRescue Mission Competition Clinic	7—11	✓	✓		✓	✓	
	🔗 Robot-to-Robot Automation and Remote Control II	7—11		✓	✓	✓		✓
	🔗 Raspberry Pi II w/ Computer Vision (Take Home Devices)	8+		✓	✓	✓		✓
	🔗 Robotics w/ Electronics: Arduino—II (Take Home Devices)			✓	✓			✓
7/17—21	🔗 Robotics Amusement Park with Mechanical RoboDog (Take Home Devices)	4—6	✓					
	🔗 Super Robotics Sumo Training	6—8	✓			✓		
	🔗 Robotics Programming and Algebra	7—11	✓	✓		✓		
	🔗 Robot-to-Robot Automation and Remote Control I	7—11		✓		✓		
	🔗 Programming with Computational Thinking <i>(Progressive)</i>	8+	✓	✓				

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Two Prizes : (one for Gr. 4 to 6, one for Gr. 7+ - announced at the end of the summer)

- **Best Engineering Journal Log and/or Online Engineering Portfolio.**
(see summer.stormingrobots.com for details.)

Good engineering portfolio will serve as not only a history for your work, but also far more importantly, an excellent way to stimulate more innovative ideas, as well as a great addition to students' college application.

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		Grades	❶	❷	❸	❹	❺	❻
7/27—30	Robo500 Grand Challenge & Drag Racing	4—6	✓					
	Treasure Hunting World Robotics Olympiad Clinic	7—11	✓			✓	✓	
	Robot-to-Robot Automation and Remote Control I	7—11	✓			✓		
	Programming with Computational Thinking <i>(Progressive)</i>	8+	✓			✓		
8/3—7	Jr. Super Robotics Sumo Workshop	4—6	✓			✓		
	Robotics Fun with Mathematics	4—6	✓			✓		
	RoboRescue Mission Competition Clinic	7—11	✓	✓		✓	✓	
	Programming with Computational Thinking <i>(Progressive)</i>	8+	✓			✓		
8/10—14	MBot with Programming and Electronics (T)	8+	✓		✓			
	Robotics Amusement Park with Mechanical RoboDog	4—6	✓					
	Super Robotics Sumo Training	6—8	✓			✓		
	Mindstorms Soccer League Clinic	7—11		✓		✓	✓	
8/17—21	AP Computer Science (Java) - Computational Thinking	8+	✓	✓				
	Robotics with Electronics: Arduino - I (T)	8+			✓			✓
	Jr. Robot OnStage	4—6	✓					
	Robot OnStage	6—8	✓				✓	
8/24—27	Robotics Programming and Algebra	7—11	✓	✓		✓		
	Programming with Computational Thinking <i>(Progressive)</i>	8+	✓	✓				
	Robotics with Electronics: Arduino - II (T)	8+			✓			✓
8/24—27	Intelligent Search Algorithm - Optimal Win! (AI)	8+		✓				✓
	USACO Clinic	8+		✓				✓