STEM PROGRAMMING ON-SITE FOR YOUR ORGANIZATION

CONTACT: Antonella Kauffman, VP of Programs
programs@lmstemalliance.org

Program durations vary from 6 - 12 weeks
Contact us for pricing and special requests

Fall 2020 Program Descriptions

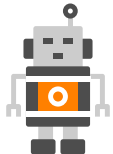| TARGET AUDIENCE	Special Needs	Pre K - K	Lower Elementary	Upper Elementary	Middle School	HS
Discovering STEM — Introduction to Science, Technology, Engineering & Math principals for young scientists in training, designed to tap into critical thinking skills with an emphasis on collaboration, innovation and creativity. KEY TOPICS: **Science, Technology, Engineering, Math, Art**	✔	✔	✔			
STEM Ever After — Storybooks come to life with hands-on art and science projects based on classic tales. KEY TOPICS: **Marine Biology, Chemistry, Aviation, Engineering, Math, Art**		✔	✔	✔		
Space Explo — Explore the struggles that NASA scientists, mathematicians and engineers faced in their attempts to explore space. Discover space missions of yesterday and the future of space exploration tomorrow. KEY TOPICS: **Biology, Engineering, Physics, Math, Aerospace, Astronomy**	✔	✔	✔	✔		
LEGO® Build — For the avid builder or the child who needs ideas to get started, this class is fast paced and blends games with mini lessons to advance LEGO® logic and building skills in a fun, social group for young kids. KEY TOPICS: **Engineering, Design**		✔	✔			
Digital Design Jr. — From stop motion animation to digital art and design projects, young artists will merge their natural creative spirit with the wonders of technology. KEY TOPICS: **Technology, Design, Art**			✔			
Virtual Early Robotics — Every kid's favorite robot - Dash - has gone virtual! Kids learn to code on this virtual platform that teaches basic commands, loops, events and sequences. KEY TOPICS: **Technology, Robotics, Coding**			✔	✔		

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Origami — Converting 2D paper into 3D figures and structures, using this ancient Japanese craft, is associated with strong mathematical skills. All will discover new skills while creating beautiful artwork. **KEY TOPICS:** Geometry, Design, Art			✔	✔		
Digital Design — Weekly digital design and animation projects bring out individual creativity while learning new tech skills across multiple software platforms. **KEY TOPICS:** Technology, Design, Art			✔	✔		
STEM Superheroes — Learn about historic inventors and innovators who solved real world problems to become real-life STEM SUPERHEROES! **KEY TOPICS:** Science, Technology, Engineering, Math, Architecture, History			✔	✔		
Website Design — Future entrepreneurs and aspiring designers alike will learn the tech skills needed to launch their ideas visually and learn how to structure their site with the user in mind. **KEY TOPICS:** Technology, Graphic Design, Coding				✔	✔	