

MPS Middle School *Summer Session 2018* Course Selection

Student Name _____

Homeroom _____

2017-18 School of attendance _____ Grade during 2017-18 _____

Please number the courses below from 1 to 20 with 1 being your first choice course and 20 being your least preferred course. You will be registered for at least 4 courses. We will do our best to ensure you get as many of your top selection courses as possible. Students may register only for courses available to their 2017-18 grade level.

Course Title	Available only to	Select and rank your courses here
Electronic Music Composition	5 - 7	
Future City Engineering	5 - 7	
Website Design 101	5 - 7	
Business by Design	7	
Amazon Mission	7	
Stranded!	6	
Everest Trek	5	
Visual Arts	5-7	
Story Sports	5-7	
Soccer/Rugby/Lacrosse	5-7	
It's Cool to be Grounded! Yoga Calm	5-7	
Represent Yourself!	6-7	
Photography & Journalism	5-7	
Nature Photography	5-7	
Chemical Changes	5	
Aquatic Ecosystems	6	
Planets and Moons	7	
Raptor Lab	5-7	
Personal Finance	5	
Genius Hour-Media Adventures	5-7	

Middle School Summer Session Course Descriptions 2018

Course Title	Course Description	Grade
Electronic Music Composition	This project-based class will introduce certain musical and technological concepts related to navigating the Garage Band program and creating great music. Students work stations will include a laptop, USB keyboard and headphones.	5 - 7
Future City Engineering	Using the engineering design cycle, Future City is a national, project-based learning experience where students imagine, design, and build cities of the future.	5 - 7
Website Design 101	Website Design 101 is the first course students can take that puts them on the discovery path to a career in digital media.	5 - 7
Business by Design	Rêve Academy provides students with the opportunity to learn how to activate empathy skills and creativity as a way to design a product or service. Students will write a business plan, construct a website and conduct basic market research.	7
Amazon Mission	This course will guide students through a simulation of navigating a mission in the Amazon. Includes 2 design challenges, each lasting about 3 weeks.	7
Stranded!	Stranded! explores and applies algebraic thinking and data analysis in the context of engineering design and adventure. This course guides students through a simulation of being stranded on an island in the South Pacific. Includes 3 design challenges, each lasting about 3 weeks.	6
Everest Trek	Everest Trek explores and applies algebraic thinking and data analysis in the context of engineering design and adventure. This course will guide students through a simulation of climbing Mt. Everest. Includes 2 design challenges, each lasting about 3 weeks.	5
Visual Arts	Focusing on the visual art foundations, this class is designed to expose students to drawing, painting, and sculpting. Students will begin by using a variety of techniques and drawing materials.	5-7
Story Sports	Students will compete in sports and games based off of popular teen novels such as Hunger Games, Maze Runner, Divergent, Harry Potter and many more. Students will also read excerpts from the books that correspond to the game to help build literacy skills and develop a love of reading.	5-7
Soccer/Rugby/Lacrosse	Learn and practice the skills and sportsmanship of Soccer, Rugby and Lacrosse. Engage in games with your friends while improving your ball handling and field play.	5-7
It's Cool to be Grounded! Yoga Calm	Learn fundamental yoga practices to build a stronger healthier you. Summer is the time to chill and there's no better way than to strike a pose.	5-7
Represent Yourself!	Students will critically analyze contemporary depictions of Native American youth in the media and compare them with Sherman Alexie's depiction in his book "The Absolutely True Story of a Part-Time Indian".	6-7
Photography & Journalism	Develop your visual literacy and writing skills while capturing all the summer fun in this engaging, hands-on photography & journalism class.	5-7
Nature Photography	This hands-on class will capture youth interest in nature and channel it into digital photography and original research projects. Students can use their own smartphones or tablets (or they will be provided) to explore the outdoors, identify birds and other wildlife and contribute to iNaturalist and eBird citizen science projects.	5-7
Chemical Changes	Students learn about evidence of chemical reactions and about what happens with atoms and molecules in chemical reactions. They also learn to pose questions and use text features as they read, and to write scientific procedures.	5
Aquatic Ecosystems	Students learn about ecosystems, including the flow of energy and matter in ecosystems, and human impact on ecosystems. They also learn to make connections, pose questions, use text features as they read, and to write scientific descriptions.	6
Planets and Moons	Learn about the solar system, the movement of planets and moons and how science and technology advance our knowledge of space.	7

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Raptor Lab	Raptor Lab is an interactive online learning environment that models the process of scientific investigation, leadership skills and action based conservation in real-world settings. Skills and concepts are also applied in natural settings	5-7
Personal Finance	Students learn about financial choices, cost/benefit analysis for purchases, scarcity, decision making, spending and earning. Students are awarded "Econobucks" as a way to teach important money skills.	5
Genius Hour (Media Adventures)	Learn about and experience a variety of media and technology applications including coding, research, and utilization of media resources available to MPS students.	5-7