

I AM STEM Virtual Summer Camp (K-1)

QUARANTINE 2020 EDITION

Week 1		Monday	Tuesday	Wednesday	Thursday	Friday
Time	Subject	June 22	June 23	June 24	June 25	June 26
10:00 AM	ELA/ Art	Story Time: "Riley Can be Anything"	Sight Word Wall	Matching Vocabulary Games	Pencil Power: Writing	Arts & Crafts
11:00 AM	Math	Counting & Base 10 Number Sense	Counting & Base 10 Number Sense	Counting & Base 10 Number Sense	Counting & Base 10 Number Sense	Counting & Base 10 Number Sense
1:00 PM	Elective	Learning with Lola	Learning with Lola	Learning with Lola	Learning with Lola	Snazzy-Dazzy Dance Day
2:00 PM	Science	Physics: Force & Motion	Physics: Force & Motion	Physics: Magnetism	Physics: Simple Machines	Physics: Simple Machines
Week 2		Monday	Tuesday	Wednesday	Thursday	Friday
Time	Subject	June 29	June 30	July 1	July 2	July 3
10:00 AM	ELA/ Art	Story Time: "De Donde Eres?"	Sight Word Wall	Matching Vocabulary Games	Pencil Power: Writing	Arts & Crafts
11:00 AM	Math	Reasoning with Shapes	Reasoning with Shapes	Reasoning with Shapes	Reasoning with Shapes	Reasoning with Shapes
1:00 PM	Elective	Project-Based Learning	Project-Based Learning	Project-Based Learning	Project-Based Learning	Project-Based Learning
2:00 PM	Science	Biology: DNA Structure	Biology: Bacteria	Biology: Homeostasis	Biology: Ecosystems	Biology: Biodiversity
Week 3		Monday	Tuesday	Wednesday	Thursday	Friday
Time	Subject	July 6	July 7	July 8	July 9	July 10
10:00 AM	ELA/ Art	Story Time: "Separate is Never Equal"	Sight Word Wall	Matching Vocabulary Games	Pencil Power: Writing	Arts & Crafts
11:00 AM	Math	Skip Counting & Place Value	Skip Counting & Place Value	Skip Counting & Place Value	Skip Counting & Place Value	Skip Counting & Place Value
1:00 PM	Elective	Engineering Design	Engineering Design	Engineering Design	Engineering Design	Engineering Design
2:00 PM	Science	Earth Science: Water Cycle	Earth Science: Weather	Earth Science: Plate Tectonics	Earth Science: Renewable Energy	Earth Science: Fossils & Rocks
Week 4		Monday	Tuesday	Wednesday	Thursday	Friday
Time	Subject	July 13	July 14	July 15	July 16	July 17
10:00 AM	ELA/ Art	Story Time: "Something Happened in Our Town"	Sight Word Wall	Matching Vocabulary Games	Pencil Power: Writing	Arts & Crafts
11:00 AM	Math	Sorting, Comparing, & Ordering	Sorting, Comparing, & Ordering	Sorting, Comparing, & Ordering	Sorting, Comparing, & Ordering	Sorting, Comparing, & Ordering
1:00 PM	Elective	Black & Latino History	Black & Latino History	Black & Latino History	Black & Latino History	Black & Latino History
2:00 PM	Science	Chemistry: Diffusion	Chemistry: Cohesion & Adhesion	Chemistry: Acids & Bases	Chemistry: Density	Chemistry: Chemical Reactions

I AM STEM Virtual Summer Camp (Grades 2-3)

QUARANTINE 2020 EDITION

Week 1		Monday	Tuesday	Wednesday	Thursday	Friday
Time	Subject	June 22	June 23	June 24	June 25	June 26
10:00 AM	ELA/ Art	Story Time: "Riley Can be Anything"	C-E-R Framework & Decision Trees	Vocabulary & Grammar Games	Pencil Power: Writing	Arts & Crafts
11:00 AM	Math	Counting & Base 10 Number Sense	Counting & Base 10 Number Sense	Counting & Base 10 Number Sense	Counting & Base 10 Number Sense	Counting & Base 10 Number Sense
1:00 PM	Science	Physics: Force & Motion	Physics: Force & Motion	Physics: Magnetism	Physics: Simple Machines	Physics: Simple Machines
2:00 PM	Elective	Health & Wellness	Health & Wellness	Health & Wellness	Health & Wellness	Health & Wellness
Week 2		Monday	Tuesday	Wednesday	Thursday	Friday
Time	Subject	June 29	June 30	July 1	July 2	July 3
10:00 AM	ELA/ Art	Story Time: "De Donde Eres?"	C-E-R Framework & Decision Trees	Vocabulary & Grammar Games	Pencil Power: Writing	Arts & Crafts
11:00 AM	Math	Geometry: Plane & Solid Figures	Geometry: Plane & Solid Figures	Geometry: Plane & Solid Figures	Geometry: Plane & Solid Figures	Geometry: Plane & Solid Figures
1:00 PM	Science	Biology: DNA Structure	Biology: Bacteria	Biology: Homeostasis	Biology: Ecosystems	Biology: Biodiversity
2:00 PM	Elective	Project-Based Learning	Project-Based Learning	Project-Based Learning	Project-Based Learning	Project-Based Learning
Week 3		Monday	Tuesday	Wednesday	Thursday	Friday
Time	Subject	July 6	July 7	July 8	July 9	July 10
10:00 AM	ELA/ Art	Story Time: "Separate is Never Equal"	C-E-R Framework & Decision Trees	Vocabulary & Grammar Games	Pencil Power: Writing	Arts & Crafts
11:00 AM	Math	Multiplication & Problem Solving	Multiplication & Problem Solving	Multiplication & Problem Solving	Multiplication & Problem Solving	Multiplication & Problem Solving
1:00 PM	Science	Earth Science: Water Cycle	Earth Science: Weather	Earth Science: Plate Tectonics	Earth Science: Renewable Energy	Earth Science: Fossils & Rocks
2:00 PM	Elective	Digital Storytelling	Digital Storytelling	Digital Storytelling	Digital Storytelling	Digital Storytelling
Week 4		Monday	Tuesday	Wednesday	Thursday	Friday
Time	Subject	July 13	July 14	July 15	July 16	July 17
10:00 AM	ELA/ Art	Story Time: "Something Happened in Our Town"	C-E-R Framework & Decision Trees	Vocabulary & Grammar Games	Pencil Power: Writing	Arts & Crafts
11:00 AM	Math	Patterns in Addition & Multiplication	Patterns in Addition & Multiplication	Patterns in Addition & Multiplication	Patterns in Addition & Multiplication	Patterns in Addition & Multiplication
1:00 PM	Science	Chemistry: Diffusion	Chemistry: Cohesion & Adhesion	Chemistry: Acids & Bases	Chemistry: Density	Chemistry: Chemical Reactions
2:00 PM	Elective	Black & Latino History	Black & Latino History	Black & Latino History	Black & Latino History	Black & Latino History

I AM STEM Virtual Summer Camp (Grades 4-5)

QUARANTINE 2020 EDITION

Week 1		Monday	Tuesday	Wednesday	Thursday	Friday
Time	Subject	June 22	June 23	June 24	June 25	June 26
10:00 AM	Math	Whole #s, Place Value, & Rounding	Whole #s, Place Value, & Rounding	Whole #s, Place Value, & Rounding	Whole #s, Place Value, & Rounding	Whole #s, Place Value, & Rounding
11:00 AM	Science	Physics: Force & Motion	Physics: Force & Motion	Physics: Force & Motion	Physics: Simple Machine	Physics: Simple Machines
1:00 PM	Elective	Black & Latino History	Black & Latino History	Black & Latino History	Black & Latino History	Black & Latino History
2:00 PM	Computer Sci	Who Is a CPU scientist?	Introduction to Scratch	Exploring the Scratch Interface	Intro to Problem-Solving	Virtual Field Trip
Week 2		Monday	Tuesday	Wednesday	Thursday	Friday
Time	Subject	June 29	June 30	July 1	July 2	July 3
10:00 AM	Math	2D Shapes, Angles, and Volume	2D Shapes, Angles, and Volume	2D Shapes, Angles, and Volume	2D Shapes, Angles, and Volume	2D Shapes, Angles, and Volume
11:00 AM	Science	Biology: DNA Structure	Biology: Bacteria	Biology: Homeostasis	Biology: Ecosystems	Biology: Biodiversity
1:00 PM	Elective	Health and Wellness	Health and Wellness	Health and Wellness	Health and Wellness	Health and Wellness
2:00 PM	Computer Sci	Sequences & Programming	Debugging	Loops and Debugging	Conditionals & Debugging	Virtual Field Trip
Week 3		Monday	Tuesday	Wednesday	Thursday	Friday
Time	Subject	July 6	July 7	July 8	July 9	July 10
10:00 AM	Math	Multiplication & Problem Solving	Multiplication & Problem Solving	Multiplication & Problem Solving	Multiplication & Problem Solving	Multiplication & Problem Solving
11:00 AM	Science	FMNH: Camera Basics	FMNH: Exposure Triangle Technique	FMNH: Camera Experimentation	FMNH: Guest Speaker	FMNH: Observation & Research
1:00 PM	Elective	FMNH: Project Share	FMNH: Visualization	FMNH: Macro Photography	FMNH: Nature Photography	FMNH: Visual Party
2:00 PM	Computer Sci	Conditionals & Debugging	Operators & Debugging	Operators & Debugging	Operators & Debugging	Virtual Field Trip
Week 4		Monday	Tuesday	Wednesday	Thursday	Friday
Time	Subject	July 13	July 14	July 15	July 16	July 17
10:00 AM	Math	Order of Operations	Order of Operations	Order of Operations	Order of Operations	Order of Operations
11:00 AM	Science	Chemistry: Diffusion	Chemistry: Cohesion & Adhesion	Chemistry: Acids & Bases	Chemistry: Density	Chemistry: Chemical Reactions
1:00 PM	Elective	Digital Storytelling	Digital Storytelling	Digital Storytelling	Digital Storytelling	Digital Storytelling
2:00 PM	Computer Sci	Computer Science Projects	Computer Science Projects	Computer Science Projects	Computer Science Projects	Project Presentations

I AM STEM Virtual Summer Camp (Grades 6-8)

QUARANTINE 2020 EDITION

Week 1		Monday		Tuesday		Wednesday		Thursday		Friday	
Time	Subject	June 22		June 23		June 24		June 25		June 26	
10:00 AM	Math	Society of Scientific Advancement		Society of Scientific Advancement		Algebra - Fluency & Operations		Algebra - Fluency & Operations		Algebra - Fluency & Operations	
11:00 AM	Science	Society of Scientific Advancement		Society of Scientific Advancement		Physics: Force & Motion		Physics: Simple Machines		Physics: Simple Machines	
1:00 PM	Elective	Engineering Design: Egg Drop		Engineering Design: Egg Drop		Engineering Design		Engineering Design		Engineering Design	
2:00 PM	Elective	College & Career Readiness		College & Career Readiness		College & Career Readiness		College & Career Readiness		College & Career Readiness	
Week 2		Monday		Tuesday		Wednesday		Thursday		Friday	
Time	Subject	June 29		June 30		July 1		July 2		July 3	
10:00 AM	Math	Geometry: Area and Volume		Geometry: Area and Volume		Geometry: Area and Volume		Geometry: Area and Volume		Geometry: Area and Volume	
11:00 AM	Science	Biology: DNA Structure		Biology: Bacteria		Biology: Homeostasis		Biology: Ecosystems		Biology: Biodiversity	
1:00 PM	Elective	Digial Storytelling		Digial Storytelling		Digial Storytelling		Digial Storytelling		Digial Storytelling	
2:00 PM	Elective	Black and Latino History		Black and Latino History		Black and Latino History		Black and Latino History		Black and Latino History	
Week 3		Monday		Tuesday		Wednesday		Thursday		Friday	
Time	Subject	July 6		July 7		July 8		July 9		July 10	
10:00 AM	Math	Arithmetic & Algebraic Expressions		Arithmetic & Algebraic Expressions		Arithmetic & Algebraic Expressions		Arithmetic & Algebraic Expressions		Arithmetic & Algebraic Expressions	
11:00 AM	Science	Earth Science: Water Cycle		Earth Science: Weather		Earth Science: Plate Tectonics		Earth Science: Renewable Energy		Earth Science: Fossils & Rocks	
1:00 PM	Elective	Mathematics in Graffiti		Mathematics in Graffiti		Mathematics in Graffiti		Mathematics in Graffiti		Mathematics in Graffiti	
2:00 PM	Elective	"Un"Hidden Figures in STEM		"Un"Hidden Figures in STEM		"Un"Hidden Figures in STEM		"Un"Hidden Figures in STEM		"Un"Hidden Figures in STEM	
Week 4		Monday		Tuesday		Wednesday		Thursday		Friday	
Time	Subject	July 13		July 14		July 15		July 16		July 17	
10:00 AM	Math	Ratio Reasoning to Solve Problems		Ratio Reasoning to Solve Problems		Ratio Reasoning to Solve Problems		Ratio Reasoning to Solve Problems		Ratio Reasoning to Solve Problems	
11:00 AM	Science	Chemistry: Diffusion		Chemistry: Cohesion & Adhesion		Chemistry: Acids & Bases		Chemistry: Density		Chemistry: Chemical Reactions	
1:00 PM	Elective	Health & Wellness: COVID-19-Math		Health & Wellness: COVID-19-Math		Health & Wellness: COVID-19-Math		Health & Wellness: COVID-19-Math		Health & Wellness: COVID-19-Math	
2:00 PM	Elective	Project-Based Learning		Project-Based Learning		Project-Based Learning		Project-Based Learning		Project-Based Learning	

I AM STEM Virtual Summer Camp (HS)

QUARANTINE 2020 EDITION

Week 1		Monday	Tuesday	Wednesday	Thursday	Friday
Time	Subject	June 22	June 23	June 24	June 25	June 26
10:00 AM	Science	Physics: Force & Motion	Physics: Force & Motion	Physics: Force & Motion	Physics: Simple Machines	Physics: Simple Machines
11:00 AM	Algebra/Geometry	Functions & Pythagorean Theorem	Functions & Pythagorean Theorem	Functions & Pythagorean Theorem	Functions & Pythagorean Theorem	Functions & Pythagorean Theorem
11:00 AM	Pre-Calculus	Complex Number System & Vectors; Graphing Functions	Complex Number System & Vectors; Graphing Functions	Complex Number System & Vectors; Graphing Functions	Complex Number System & Vectors; Graphing Functions	Complex Number System & Vectors; Graphing Functions
1:00 PM	Elective	Society of Scientific Advancement	Society of Scientific Advancement	Digial Storytelling	Digial Storytelling	Digial Storytelling
2:00 PM	Elective	Society of Scientific Advancement	Society of Scientific Advancement	Digial Storytelling	Digial Storytelling	Digial Storytelling
Week 2		Monday	Tuesday	Wednesday	Thursday	Friday
Time	Subject	June 29	June 30	July 1	July 2	July 3
10:00 AM	Science	Biology: DNA Structure	Biology: Bacteria	Biology: Homeostasis	Biology: Ecosystems	Biology: Biodiversity
11:00 AM	Algebra/Geometry	Transformations/Geometric Shapes	Transformations/Geometric Shapes	Transformations/Geometric Shapes	Transformations/Geometric Shapes	Transformations/Geometric Shapes
11:00 AM	Pre-Calculus	Similarity, Right Triangles, & Trigonometry	Similarity, Right Triangles, & Trigonometry	Similarity, Right Triangles, & Trigonometry	Similarity, Right Triangles, & Trigonometry	Similarity, Right Triangles, & Trigonometry
1:00 PM	Elective	Engineering Design	Engineering Design	Engineering Design	Engineering Design	Engineering Design
2:00 PM	Elective	College & Career Readiness	College & Career Readiness	College & Career Readiness	College & Career Readiness	College & Career Readiness
Week 3		Monday	Tuesday	Wednesday	Thursday	Friday
Time	Subject	July 6	July 7	July 8	July 9	July 10
10:00 AM	Science	Earth Science: Water Cycle	Earth Science: Weather	Earth Science: Plate Tectonics	Earth Science: Renewable Energy	Earth Science: Fossils & Rocks
11:00 AM	Algebra/Geometry	Geometric Shapes & Figures	Geometric Shapes & Figures	Geometric Shapes & Figures	Geometric Shapes & Figures	Geometric Shapes & Figures
11:00 AM	Pre-Calculus	Properties of Functions & Algebraic Manipulations to Evaluate Limits	Properties of Functions & Algebraic Manipulations to Evaluate Limits	Properties of Functions & Algebraic Manipulations to Evaluate Limits	Properties of Functions & Algebraic Manipulations to Evaluate Limits	Properties of Functions & Algebraic Manipulations to Evaluate Limits
1:00 PM	Elective	Mathematics in Graffiti	Mathematics in Graffiti	Mathematics in Graffiti	Mathematics in Graffiti	Mathematics in Graffiti
2:00 PM	Elective	Black & Latino History	Black & Latino History	Black & Latino History	Black & Latino History	Black & Latino History
Week 4		Monday	Tuesday	Wednesday	Thursday	Friday
Time	Subject	July 13	July 14	July 15	July 16	July 17
10:00 AM	Science	Chemistry: Diffusion	Chemistry: Cohesion & Adhesion	Chemistry: Acids & Bases	Chemistry: Density	Chemistry: Chemical Reactions
11:00 AM	Algebra/Geometry	Conditional Statements & Logic	Conditional Statements & Logic	Conditional Statements & Logic	Conditional Statements & Logic	Conditional Statements & Logic
11:00 AM	Pre-Calculus	Conditional Probability, Rules of Probability, Decision Making	Conditional Probability, Rules of Probability, Decision Making	Conditional Probability, Rules of Probability, Decision Making	Conditional Probability, Rules of Probability, Decision Making	Conditional Probability, Rules of Probability, Decision Making
1:00 PM	Elective	"Un"Hidden Figures in STEM	"Un"Hidden Figures in STEM	"Un"Hidden Figures in STEM	"Un"Hidden Figures in STEM	"Un"Hidden Figures in STEM
2:00 PM	Elective	Health & Wellness: COVID-19-Math	Health & Wellness: COVID-19-Math	Health & Wellness: COVID-19-Math	Health & Wellness: COVID-19-Math	Health & Wellness: COVID-19-Math