

I AM STEM Virtual Summer Camp 2022

Grades: K-1 (Briian Fife)

ENCANTO: Good Trouble Necessary Trouble"

| Week 1: "What Else Can I Do?" Gardening | | Monday | Tuesday | Wednesday | Thursday | Friday |
|--|----------|--|--|--|--|--|
| Time | Subject | June 20 | June 21 | June 22 | June 23 | June 24 |
| 10:00 AM | ELA/ Art | Book: Harlem Grown | Sight Word Wall | Matching Vocabulary | Pencil Power | Arts & Crafts |
| 11:00 AM | Math | Counting and Base Ten Number Sense | Counting and Base Ten Number Sense | Counting and Base Ten Number Sense | Counting and Base Ten Number Sense | Counting and Base Ten Number Sense |
| 1:00 PM | Elective | Learning with Lola | Learning with Lola | Learning with Lola | Learning with Lola | Learning with Lola |
| 2:00 PM | Science | Seed Starter | Shaking Up Soil | Pollination | Self-Watering Planter | My Own Plant Pet |
| Week 2: "Hola Casita" Architecture | | Monday | Tuesday | Wednesday | Thursday | Friday |
| Time | Subject | June 27 | June 28 | June 29 | June 30 | July 1 |
| 10:00 AM | ELA/ Art | Book: Boxitects | Sight Word Wall | Matching Vocabulary | Pencil Power | Arts & Crafts |
| 11:00 AM | Math | Reason with Shapes & their Attributes | Reason with Shapes & their Attributes | Reason with Shapes & their Attributes | Reason with Shapes & their Attributes | Reason with Shapes & their Attributes |
| 1:00 PM | Elective | Spanish | Spanish | Spanish | Spanish | Spanish |
| 2:00 PM | Science | Candy Tower | Casita Part 1 | Casita Part 2 | Conductive Play | STEM Challenge |
| Week 3: "Surface Pressure" Music | | Monday | Tuesday | Wednesday | Thursday | Friday |
| Time | Subject | July 4 | July 5 | July 6 | July 7 | July 8 |
| 10:00 AM | ELA/ Art | NO CAMP | Sight Word Wall | Matching Vocabulary | Pencil Power | Arts & Crafts |
| 11:00 AM | Math | CLOSED observance of Independence D | Skip Counting & Place Value | Skip Counting & Place Value | Skip Counting & Place Value | Skip Counting & Place Value |
| 1:00 PM | Elective | | Exercise Science | Exercise Science | Exercise Science | Exercise Science |
| 2:00 PM | Science | | Xylophone | Maracas | Flute | Banjo and Bongo |
| Week 4: "We Don't Talk About Bruno" Ecosystems | | Monday | Tuesday | Wednesday | Thursday | Friday |
| Time | Subject | July 11 | July 12 | July 13 | July 14 | July 15 |
| 10:00 AM | ELA/ Art | Book: Izzy Gizmo and the Invention Convention | Sight Word Wall | Matching Vocabulary | Pencil Power | Arts & Crafts |
| 11:00 AM | Math | Skip Counting & Sorting, Comparing, & Ordering Numbers | Skip Counting & Sorting, Comparing, & Ordering Numbers | Skip Counting & Sorting, Comparing, & Ordering Numbers | Skip Counting & Sorting, Comparing, & Ordering Numbers | Skip Counting & Sorting, Comparing, & Ordering Numbers |
| 1:00 PM | Elective | Forensic Science | Forensic Science | Forensic Science | Forensic Science | Forensic Science |
| 2:00 PM | Science | Backyard Science | Sheep Eye | Worm Dissection | Owl Pellets | Taste Test Science |

I AM STEM Virtual Summer Camp 2022

Grades: 2-3 (Brandice Reid)

"Good Trouble Necessary Trouble"

| Week 1: "What Else Can I Do?" Gardening | | Monday | Tuesday | Wednesday | Thursday | Friday |
|--|----------|---|---|---|---|---|
| Time | Subject | June 20 | June 21 | June 22 | June 23 | June 24 |
| 10:00 AM | ELA/Art | Book: Harlem Grown | Sight Word Wall | Matching Vocabulary | Pencil Power | Arts & Crafts -Gift |
| 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 | Seed Starter | Shaking Up Soil | Pollination | Self-Watering Planter | My Own Plant Pet |
| 2:00 PM | Elective | Learning with Lola | Learning with Lola | Learning with Lola | Learning with Lola | Learning with Lola |
| Week 2: "Hola Casita" Architecture | | Monday | Tuesday | Wednesday | Thursday | Friday |
| Time | Subject | June 27 | June 28 | June 29 | June 30 | July 1 |
| 10:00 AM | ELA/Art | Book: Boxitects | Sight Word Wall | Matching Vocabulary | Pencil Power | Arts & Crafts - Door Decorating Contest |
| 11:00 AM | Math | Geometric Measurement Understanding Plane & Solid Figures | Geometric Measurement Understanding Plane & Solid Figures | Geometric Measurement Understanding Plane & Solid Figures | Geometric Measurement Understanding Plane & Solid Figures | Geometric Measurement Understanding Plane & Solid Figures |
| 1:00 PM | Science | Candy Tower | Casita Part 1 | Casita Part 2 | Conductive Play | STEM Challenge |
| 2:00 PM | Elective | Spanish | Spanish | Spanish | Spanish | Spanish |
| Week 3: "Surface Pressure" Music | | Monday | Tuesday | Wednesday | Thursday | Friday |
| Time | Subject | July 4 | July 5 | July 6 | July 7 | July 8 |
| 10:00 AM | ELA/Art | NO CAMP | Sight Word Wall | Matching Vocabulary | Pencil Power | Arts & Crafts - Candle |
| 11:00 AM | Math | | Solving Problems Using Multiplication | Solving Problems Using Multiplication | Solving Problems Using Multiplication | Solving Problems Using Multiplication |
| 1:00 PM | Science | | Xylophone | Maracas | Flute | Banjo and Bongo |
| 2:00 PM | Elective | | Exercise Science | Exercise Science | Exercise Science | Exercise Science |
| Week 4: "We Don't Talk About Bruno" Ecosystems | | Monday | Tuesday | Wednesday | Thursday | Friday |
| Time | Subject | July 11 | July 12 | July 13 | July 14 | July 15 |
| 10:00 AM | ELA/Art | Book: Izzy Gizmo and the Invention Convention | Sight Word Wall | Matching Vocabulary | Pencil Power | Arts & Crafts - Glasses |
| 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 | Backyard Science | Sheep Eye | Worm Dissection | Owl Pellets | Taste Test Science |
| 2:00 PM | Elective | Forensic Science | Forensic Science | Forensic Science | Forensic Science | Forensic Science |

I AM STEM Virtual Summer Camp 2022

Grades: 4-5 (Jewel Wilson)

"Good Trouble Necessary Trouble"

| Week 1: "What Else Can I Do?" Gardenin | | Monday | Tuesday | Wednesday | Thursday | Friday |
|--|----------|---|---|---|---|---|
| Time | Subject | June 20 | June 21 | June 22 | June 23 | June 24 |
| 10:00 AM | Math | 2D Figures/Classify Shapes by Properties of their Lines & Angles/Measuring Volume | 2D Figures/Classify Shapes by Properties of their Lines & Angles/Measuring Volume | 2D Figures/Classify Shapes by Properties of their Lines & Angles/Measuring Volume | 2D Figures/Classify Shapes by Properties of their Lines & Angles/Measuring Volume | 2D Figures/Classify Shapes by Properties of their Lines & Angles/Measuring Volume |
| 11:00 AM | Science | Seed Starter | Shaking Up Soil | Pollination | Self-Watering Planter | My Own Plant Pet |
| 1:00 PM | Elective | Black & Latinx History | Black & Latinx History | Black & Latinx History | Black & Latinx History | Black & Latinx History |
| 2:00 PM | Elective | Digital Storytelling | Digital Storytelling | Digital Storytelling | Digital Storytelling | Digital Storytelling |
| Week 2: "Hola Casita" Architecture | | Monday | Tuesday | Wednesday | Thursday | Friday |
| Time | Subject | June 27 | June 28 | June 29 | June 30 | July 1 |
| 10:00 AM | Math | Draw & Identify Fractions | Draw & Identify Fractions | Draw & Identify Fractions | Draw & Identify Fractions | Draw & Identify Fractions |
| 11:00 AM | Science | Candy Tower | Casita Part 1 | Casita Part 2 | Conductive Play | STEM Challenge |
| 1:00 PM | Elective | Forensic Science | Forensic Science | Forensic Science | Forensic Science | Forensic Science |
| 2:00 PM | Elective | STEM Careers | STEM Careers | STEM Careers | STEM Careers | STEM Careers |
| Week 3: "Surface Pressure" Music | | Monday | Tuesday | Wednesday | Thursday | Friday |
| Time | Subject | July 4 | July 5 | July 6 | July 7 | July 8 |
| 10:00 AM | Math | NO CAMP | Order of Operations | Order of Operations | Order of Operations | Order of Operations |
| 11:00 AM | Science | | Xylophone | Maracas | Flute | Banjo and Bongo |
| 1:00 PM | Elective | | Game-Based Learning | Game-Based Learning | Game-Based Learning | Game-Based Learning |
| 2:00 PM | Elective | | Spanish | Spanish | Spanish | Spanish |
| Week 4: "We Don't Talk About Bruno" Ecosys | | Monday | Tuesday | Wednesday | Thursday | Friday |
| Time | Subject | July 11 | July 12 | July 13 | July 14 | July 15 |
| 10:00 AM | Math | Algebraic Thinking | Algebraic Thinking | Algebraic Thinking | Algebraic Thinking | Algebraic Thinking |
| 11:00 AM | Science | Backyard Science | Sheep Eye | Worm Dissection | Owl Pellets | Taste Test Science |
| 1:00 PM | Elective | Financial Literacy | Financial Literacy | Financial Literacy | Financial Literacy | Financial Literacy |
| 2:00 PM | Elective | Anatomy & Physiology | Anatomy & Physiology | Anatomy & Physiology | Anatomy & Physiology | Anatomy & Physiology |

I AM STEM Virtual Summer Camp 2022

Grades: MS Girls (Christine Mitchell)

"Good Trouble Necessary Trouble"

| Week 1: "What Else Can I Do?" Gardenin | | Monday | | Tuesday | | Wednesday | | Thursday | | Friday | |
|--|---------------------|--|--|--|--|---|--|--|--|--|--|
| Time | Subject | June 20 | | June 21 | | June 22 | | June 23 | | June 24 | |
| 10:00 AM | Pre-Algebra/Algebra | Using Expressions to Represent Real-World Situations | | Properties of Exponents | | Operations with Rational and Irrational Numbers | | Radical Expressions and Expressions with Radical Exponents | | Adding Expressions with Radicals and Rational Exponents | |
| 11:00 AM | Elective | STEM & Ancient Africa | | STEM & Ancient Africa | | STEM & Ancient Africa | | STEM & Ancient Africa | | STEM & Ancient Africa | |
| 1:00 PM | Elective | Financial Literacy | | Financial Literacy | | Financial Literacy | | Financial Literacy | | Financial Literacy | |
| 2:00 PM | Science | Planting a Seed | | Shaking Up Soil | | Seed Bombs for Bees | | Self-Watering Planter | | My Own Plant Pet | |
| Week 2: "Hola Casita" Architecture | | Monday | | Tuesday | | Wednesday | | Thursday | | Friday | |
| Time | Subject | June 27 | | June 28 | | June 29 | | June 30 | | July 1 | |
| 10:00 AM | Pre-Algebra/Algebra | Understanding Polynomial Expressions | | Operations with Polynomials | | Equations: True or False? | | Identifying Properties when Solving Equation | | Solving Equations Using the Zero-Product Property & Solving Inequalities | |
| 11:00 AM | Elective | Forensic Science | | Forensic Science | | Forensic Science | | Forensic Science | | Forensic Science | |
| 1:00 PM | Elective | Black & Latinx History | | Black & Latinx History | | Black & Latinx History | | Black & Latinx History | | Black & Latinx History | |
| 2:00 PM | Science | Candy Tower | | Casita Part 1 | | Casita Part 2 | | Conductive Play | | STEM Challenge | |
| Week 3: "Surface Pressure" Music | | Monday | | Tuesday | | Wednesday | | Thursday | | Friday | |
| Time | Subject | July 4 | | July 5 | | July 6 | | July 7 | | July 8 | |
| 10:00 AM | Pre-Algebra/Algebra | NO CAMP | | Solution Sets to Equations with Two Variables | | Input and Output Values | | Representing, Naming, and Evaluating Functions | | Adding and Subtracting Functions | |
| 11:00 AM | Elective | | | College & Careers | | College & Careers | | College & Careers | | College & Careers | |
| 1:00 PM | Elective | | | Girls Game Too | | Girls Game Too | | Girls Game Too | | Girls Game Too | |
| 2:00 PM | Science | | | Xylophone | | Maracas | | Flute | | Banjo and Bongo | |
| Week 4: "We Don't Talk About Bruno" Ecosys | | Monday | | Tuesday | | Wednesday | | Thursday | | Friday | |
| Time | Subject | July 11 | | July 12 | | July 13 | | July 14 | | July 15 | |
| 10:00 AM | Pre-Algebra/Algebra | Multiplying Functions | | Closure Property & Real World Combinations and Compositions of Functions | | Key Features of Graphs of Functions | | Average Rate of Change Over an Interval | | Transformations of Functions | |
| 11:00 AM | Elective | Anatomy and Physiology | | Anatomy and Physiology | | Anatomy and Physiology | | Anatomy and Physiology | | Game-Based Learning | |
| 1:00 PM | Elective | Spanish | | Spanish | | Spanish | | Spanish | | Spanish | |
| 2:00 PM | Science | Backyard Science | | Sheep Eye | | Worm Dissection | | Owl Pellets | | Taste Test Science | |

I AM STEM Virtual Summer Camp 2022

Grades: MS Boys (Justice Ejike and Desmond Lee)

| Week 1: "What Else Can I Do?" Gardenin | | Monday | | Tuesday | | Wednesday | | Thursday | | Friday | |
|--|---------------------|--|--|--|--|--|--|--|--|--|--|
| Time | Subject | June 20 | | June 21 | | June 22 | | June 23 | | June 24 | |
| 10:00 AM | Pre-Algebra/Algebra | Algebra - Number System Fluency & Operations with Rational Numbers | | Algebra - Number System Fluency & Operations with Rational Numbers | | Algebra - Number System Fluency & Operations with Rational Numbers | | Algebra - Number System Fluency & Operations with Rational Numbers | | Algebra - Number System Fluency & Operations with Rational Numbers | |
| 11:00 AM | Science | Seed Starter | | Shaking Up Soil | | Pollination | | Self-Watering Planter | | My Own Plant pet | |
| 1:00 PM | Elective | Game-Based Learning | | Game-Based Learning | | Game-Based Learning | | Game-Based Learning | | Game-Based Learning | |
| 2:00 PM | Elective | Black & Latinx History | | Black & Latinx History | | Black & Latinx History | | Black & Latinx History | | Black & Latinx History | |
| Week 2: "Hola Casita" Architecture | | Monday | | Tuesday | | Wednesday | | Thursday | | Friday | |
| Time | Subject | June 27 | | June 28 | | June 29 | | June 30 | | July 1 | |
| 10:00 AM | Pre-Algebra/Algebra | Geometry - Area and Volume | | Geometry - Area and Volume | | Geometry - Area and Volume | | Geometry - Area and Volume | | Geometry - Area and Volume | |
| 11:00 AM | Science | Candy Tower | | Casita Part 1 | | Casita Part 2 | | Conductive Play | | STEM Challenge | |
| 1:00 PM | Elective | College & Careers | | College & Careers | | College & Careers | | College & Careers | | College & Careers | |
| 2:00 PM | Elective | Game-Based Learning | | Game-Based Learning | | Game-Based Learning | | Game-Based Learning | | Game-Based Learning | |
| Week 3: "Surface Pressure" Music | | Monday | | Tuesday | | Wednesday | | Thursday | | Friday | |
| Time | Subject | July 4 | | July 5 | | July 6 | | July 7 | | July 8 | |
| 10:00 AM | Pre-Algebra/Algebra | NO CAMP | | Algebra - Arithmetic & Algebraic Expressions & Equations | | Algebra - Arithmetic & Algebraic Expressions & Equations | | Algebra - Arithmetic & Algebraic Expressions & Equations | | Algebra - Arithmetic & Algebraic Expressions & Equations | |
| 11:00 AM | Science | | | Xylophone | | Maracas | | Flute | | Banjo and Bongo | |
| 1:00 PM | Elective | | | Spanish | | Spanish | | Spanish | | Spanish | |
| 2:00 PM | Elective | | | Gaming with TLAB | | Gaming with TLAB | | Gaming with TLAB | | Gaming with TLAB | |
| Week 4: "We Don't Talk About Bruno" Ecosys | | Monday | | Tuesday | | Wednesday | | Thursday | | Friday | |
| Time | Subject | July 11 | | July 12 | | July 13 | | July 14 | | July 15 | |
| 10:00 AM | Pre-Algebra/Algebra | Algebra - Ratio Reasoning to Solve Problems | | Algebra - Ratio Reasoning to Solve Problems | | Algebra - Ratio Reasoning to Solve Problems | | Algebra - Ratio Reasoning to Solve Problems | | Algebra - Ratio Reasoning to Solve Problems | |
| 11:00 AM | Science | Backyard Science | | Sheep Eye | | Worm Dissection | | Owl Pellets | | Taste Test Science | |
| 1:00 PM | Elective | Game-Based Learning | | Game-Based Learning | | Game-Based Learning | | Game-Based Learning | | Game-Based Learning | |
| 2:00 PM | Elective | Forensic Science | | Forensic Science | | Forensic Science | | Forensic Science | | Forensic Science | |

I AM STEM Virtual Summer Camp 2022

High School (Nicholas Collins)

"Good Trouble Necessary Trouble"

| Week 1: "What Else Can I Do?" Gardenin | | Monday | Tuesday | Wednesday | Thursday | Friday |
|--|--------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Time | Subject | June 20 | June 21 | June 22 | June 23 | June 24 |
| 10:00 AM | Science | Seed Starter | Shaking Up Soil | Pollination | Self-Watering Planter | My Own Plant Pet |
| 11:00 AM | Algebra 2/Geometry | High School Math | High School Math | High School Math | High School Math | High School Math |
| 1:00 PM | Elective | STEM & Ancient Africa | STEM & Ancient Africa | STEM & Ancient Africa | STEM & Ancient Africa | STEM & Ancient Africa |
| 2:00 PM | Elective | Forensic Science | Forensic Science | Forensic Science | Forensic Science | Forensic Science |
| Week 2: "Hola Casita" Architecture | | Monday | Tuesday | Wednesday | Thursday | Friday |
| Time | Subject | June 27 | June 28 | June 29 | June 30 | July 1 |
| 10:00 AM | Science | Candy Tower | Casita Part 1 | Casita Part 2 | Conductive Play | STEM Challenge |
| 11:00 AM | Algebra 2/Geometry | High School Math | High School Math | High School Math | High School Math | High School Math |
| 1:00 PM | Elective | Digital Storytelling | Digital Storytelling | Digital Storytelling | Digital Storytelling | Digital Storytelling |
| 2:00 PM | Elective | Black & Latinx History | Black & Latinx History | Black & Latinx History | Black & Latinx History | Black & Latinx History |
| Week 3: "Surface Pressure" Music | | Monday | Tuesday | Wednesday | Thursday | Friday |
| Time | Subject | July 4 | July 5 | July 6 | July 7 | July 8 |
| 10:00 AM | Science | NO CAMP | Xylophone | Maracas | Flute | Banjo & Bongos |
| 11:00 AM | Algebra 2/Geometry | | High School Math | High School Math | High School Math | High School Math |
| 1:00 PM | Elective | | College & Careers | College & Careers | College & Careers | College & Careers |
| 2:00 PM | Elective | | Financial Literacy | Financial Literacy | Financial Literacy | Financial Literacy |
| Week 4: "We Don't Talk About Bruno" Ecosys | | Monday | Tuesday | Wednesday | Thursday | Friday |
| Time | Subject | July 11 | July 12 | July 13 | July 14 | July 15 |
| 10:00 AM | Science | Backyard Science | Sheep Eye | Worm Dissection | Owl Pellets | Taste Test Science |
| 11:00 AM | Algebra 2/Geometry | High School Math | High School Math | High School Math | High School Math | High School Math |
| 1:00 PM | Elective | Anatomy and Physiology | Anatomy and Physiology | Anatomy and Physiology | Anatomy and Physiology | Anatomy and Physiology |
| 2:00 PM | Elective | Spanish | Spanish | Spanish | Spanish | Spanish |