



**2018-19 School Year  
2nd Semester STEM Topics & Experiment  
Supplies**



Date	Week	Science Topic	Scientist	Experiment Supplies
1/10/2019	18	Becoming an Inventor	Earl S. Bell	8 Drinking Glasses of the Same Size and Shape, Pitcher of water, Metal Spoon, Table
1/17/2019	19	Video Games/Game Designing	Jerry Lawson	Toothpicks, Stopwatch, Pencil, Notebook, Blood Pressure Monitor, Action Video Game & Console
1/24/2019	20	Molecular Genetics	Mary Harris	Variety of Chocolate Candy (White, Milk, Dark), Source of Heat (Such As a Sunny Windowsill)
1/31/2019	21	Physics	David Garrison	Epsom Salt, Food Coloring, Beaker, Cup, or Small Bowl, Hot Water
2/7/2019	22	Electrical Engineering	Jesse Russell	Balloon, Unflavored Gelatin Powder, Paper Plate, Wool Scarf or Sweater
2/14/2019	23	Agricultural Engineering	Window Snyder	Buzzer, Battery, Cardboard, Electrical Wires (Red and Black)
2/21/2019	24	Electrical Engineering	Eric'el Johnson (Boeing)	2 Lemons, 2 Paper Clips, 3 Pieces of Wire, 5 Alligator Clip Wires, Small Digital Clock, 3 Pennies
2/28/2019	25	Dentistry	Dr. Catrise L. Austin	Flouride Gel or Solution (4 to 6 oz), 3 Clean Plastic Containers, Several Cans of Dark Soda, Water
3/7/2019	26	Statistics	Nancy Glenn	Deck of Cards with Face Cards Removed, Paper, Marker, Partner
3/14/2019	27	The Science of Inventions	Mark Dean	Computer, Internet Access
3/21/2019	28	Meteorology	Samuel Williamson	Gallon Jar, Hot and Cold Water, Lamp, Rubber Glove, Food Coloring, Matches, Rubber Band
3/28/2019	29	Bacteriology	Welton Ivan Taylor	8 Slices of Fresh Bread With No Preservatives, 16 Sealing Plastic Sandwich Bags, Latex Gloves, Sticky Labels or Masking Tape, Pen, Toaster, Knife, Spray Bottle, Baking Sheet, Camera, Sanitizer, Measuring Teaspoon, Liquid Soap
4/4/2019	30	Civil Engineering	Oliver McGee	25 Toothpicks, 11 Gum Drops
4/11/2019	31	Civil Engineering and Robotics	Ayanna Howard	6 Incandescent Light Bulbs (25, 40 60 75 100 and 150 Watt), 2 Compact Fluorescent Light Bulbs (7 and 23 Watt), Thermometer, Measuring Tape or Yard Stick, White Towel, Stopwatch, Piece of Paper, Pen or Pencil
4/18/2019	32	Aerospace Engineering	Jocelyn Harrison	Bowl, Fine Fabric, Water, Magnet
4/25/2019	33	Software Engineering	Quimeka Saunders (Boeing)	Wooden Measuring Sticks, String, Duct Tape, Scissors, Cup of Water, Large Tray
5/2/2019	34	Biology and Engineering	Emmett Chappelle	4 Plastic Clean Bottles (16-20 oz), Water, Tape, Scissors, Large Cardboard Box, Food Coloring, Foil, 4 Plastic Cups, Notebook
5/9/2019	35	Industrial Design	Earl Lucas	3 Straws, 4 Lifesavers, 1 Piece of Paper, 2 Paper Clips, 50 Centimeters of Tape
5/16/2019	36	Electrical Engineering	Marc Hannah	Pipe Cleaners (2 Different Colors, Same Length), Scissors

The St. Louis American Newspaper In Education (NIE) Program  
 Cathy Sewell, NIE Manager  
[csewell@stlamerican.com](mailto:csewell@stlamerican.com)