STEM Buffet Grade 4
Program Materials

- 1 cup - Activated carbon, rinsed and dried
- 6 - Balloons, 9 or 12”
- 2 - Batteries, 3V (Model CR2032 or similar)
- 1 - Bowl that can get messy
- 2 - Cardboard scrap pieces, approximately 12”x12”
- 6 - Coffee filters
- 25 - Cotton balls
- 10 - Craft sticks, any size
- 1 - Cup, plastic, any size
- 4 oz. - Dish soap
- 1 cup - Gravel or small rocks, rinsed and dried
- 2 Tablespoons - iron filings
- 4 - Magnets, double-sided, approximately 1”
- 1 set - Markers (thin preferred)
- 1 - Measuring cup, ¼ c.
- 1 - Measuring cup, ½ c.
- 1 - Measuring spoon, 1 Tbsp.
- 1 - Measuring spoon, 1 tsp.
- 1 - Mini U.V. flashlight
- 2 - Mini vibrating motor with leads
- 1 - Notebook or scrap paper sheets
- 1 - Pair of scissors
- 20 - Paper clips, metal
- Paper towels and disinfecting wipes as needed for cleaning up messes
- 4 sheets - Paper, construction (any color)
- 10 - Pencils, sharpened (as sharp as you can get them)
  
  Alternative: 10 - bamboo skewers

- 10 - Pipe cleaners
- 1 - Plastic table cloth or place mat for messy projects
- 1 - Plastic water bottle, clear, empty, 16oz
  
  Alternative: clear plastic cup and funnel
- 1 - Plastic ziploc bag, sandwich or quart
- 2 - Plastic ziploc bags, gallon
- 1 - Plate that can get messy
- 1 cup - Sand
- 2 - Spoons
- 5 - Straws, jumbo or regular
- 20 feet - String, any type
- 2 teaspoons - Sugar
- 1 roll - Tape, masking or painters
- 1 roll - Tape, scotch
- 8 ounces - Tide liquid laundry detergent (must be Tide brand)
6 ounces - Tonic water
8 ounces - White school glue
1 - Writing utensil (preferably pencil with eraser)

FOR MAKING POLLUTED WATER

1 - Container to hold and pour at least ½ gallon of water
½ Gallon - tap water
3 Tbsp - Dirt
3 Tbsp - Vinegar (any kind)
3 Tbsp - Cooking oil (e.g. vegetable or canola)
Dust from floor of lint trap in dryer (small amount)

Here is an Amazon Shopping List for items that may not be easily available at your local store!
https://www.amazon.com/hz/wishlist/ls/7UO7M1SVV3B7?ref_=wl_share