

STEM Buffet (3-4)

Project Equipment (tools used throughout week or common household items)

- 1 - Pair of Scissors
- 1 roll - Strong Adhesive Tape - (*e.g. duct tape*)
- 1 roll - Adhesive Tape - (*e.g. masking tape, scotch tape*)
- 1 - Notebook or scrap paper sheets
- 1 - Writing utensil (*preferably pencil with eraser*)
- 1 roll - Cotton string (*any string will work*)
- 1 - Set of markers
- 1 - Ruler, 12"
- 1 - Measuring cup, $\frac{1}{4}$ c.
- 1 - Measuring cup, $\frac{1}{2}$ c.
- 1 - Measuring spoon, 1 tsp.
- 1 - Measuring spoon, 1 Tbsp.
- 10 - Sharpened pencils (*as sharp as you can get them*)
- 1 - Plate that can get messy
- 1 - Plastic water bottle, empty, 16oz OR tall cup and funnel
- 1 - Container to hold and pour at least $\frac{1}{2}$ gallon of water
- 1 - Cloth measuring tape (*can also use string and tape measure*)
- 1 - Plastic table cloth or place mat for messy projects
- Paper towels and disinfecting wipes for cleaning up messes

Activity Supplies (things that could be used-up or incorporated into a project)

- 3-4 - Thin markers, washable (any colors, will be used as part of a project)
- 2 - Mini vibrating motor with leads
- 2 - 3V Battery, model CR2032
- 5 sheets - Paper, white (any kind)
- 5 - Rubber bands
- 2 - Ceramic magnets, approximately 1"
- 1 or 2 - Refrigerator magnets (or wherever you can find them at home!)
- 1 piece - Flat cardboard, around 15 inches by 20 inches
- 4 - Paper plates, 6"
- 6 - Dixie cups
- 10 sheets - Construction paper (any color)
- 10 - Jumbo straws
- 10 - Pipe cleaners
- 25 - Cotton balls
- 10 - Craft sticks, any size
- 1 - Disposable bowl (*plastic or styrofoam*)
- 1 bottle - White School Glue, 8oz.
- 8 oz - Tide brand original laundry detergent (*must be Tide*) OR Sta-flo liquid starch
- 2 Tbsp. - Iron Filings
- 2 - Plastic ziploc bags, gallon
- 1 - Plastic ziploc bag, sandwich or quart
- 2 - Plastic spoons
- 6 - Balloons, 9 or 12"
- 10 - Paper clips
- 10 - Bamboo skewers
- 2 oz. - Glycerin OR light corn syrup (*Optional for bubbles activity*)
- 6 oz. - Tonic water
- 4 oz. - Dish soap
- 1 - mini UV Flashlight (*any UV light works*)

OPTIONS FOR WATER FILTER
(CHOOSE AT LEAST FOUR)

- 1/4 cup - Sand
- 1/4 cup - Activated carbon, rinsed and dried
- 1/4 cup - Gravel, rinsed and dried
- 1/4 cup - Dried macaroni
- 5 - cotton balls
- 3 - coffee filters

OPTIONS FOR MAKING POLLUTED WATER
(ADD AS MANY AS YOU WOULD LIKE)

- Dirt
 - Yellow food coloring
 - Dust from floor
 - Vinegar
 - Oil (e.g. vegetable or canola)
- Water

Here is an Amazon Shopping List for some items that may not be easily available at your local store!

https://www.amazon.com/hz/wishlist/ls/7UO7M1SVV3B7?ref_=wl_share

