MATERIALS AVAILABLE:

3D Nets
Alka-Seltzer
Algebra tiles
Aluminum Foil
Baby Powder
Baking Soda
Balances, Plastic
Balloons
  - small
  - medium
Balls
  - 1. Bouncy
  - 2. Foosball
  - 3. Ping Pong
  - 4. Pool
  - 5. Tennis
Barbie dolls
Batteries
  1. 9V
  2. AA
  3. AAA
Beads (assorted)
Beans
  - black beans
  - kidney beans
  - pinto beans
Beakers
  - 1. Plastic: 500-600 mL
  - 2. Glass: 500-600 mL
Binder Clips
  - small
  - medium
  - large
Bottled Water
  - 1. 8 oz
  - 2. 16 oz
Brads
Bromothymol Blue
Bubble Wrap
Building Blocks: assorted sizes
Buttons
Calipers (large)
Calculators
  - 1. basic math calculators
  - 2. graphing calculators
Cards, 52 deck
Chalk, Colorful
Clay
  - 1. Modeling clay
  - 2. Play-Dough Clothespins
Clothespins
Coffee Filters
Compass
Containers
  - 1. Film Canisters
  - 2. Mini Containers w/ lids
  - 3. Small Containers w/ lids
  - 4. Medium Containers w/ lids
Copper Wire with Plastic Sheath
Corn Starch
Cotton balls
Crayons
Cream of Tartar
Dice
  - 1. 6 sided
  - 2. 12 sided
  - 3. 20 sided
Dixie Cups
Dropper Bottles
Dry Erase Boards
  - 1. 1-Sided, thick board
  - 2. Graph, thin laminated
  - 3. Transparent Dry Erase Folders
Easel
Easel pads
Electric Kettle
Erasers
  - 1. Blocks
2. Pencil Toppers
Feathers
Flashlights
Flour
Foam Cubes
Foam Shapes
Folders
Food Coloring, Green, Yellow, Blue, Red
Funnel
Geoboards
Gloves (latex and nonlatex)
Glue, Bottle
Goggles, Safety
Gram Stackers
Gravel
  1. Aquarium
  2. Mixed
  3. Small
  4. Large
Hand Sanitiser
Heat Lamp
Hole Punch
  1. 1-Hole Punch
  2. 3-Hole Punch
In and Out Machines
Iodine
Iron
Isopropyl Alcohol
Keychain Chain
Keychain Rings
Lanyard Carabiners
Latex Gloves
Light Bulbs
  1. 10W
  2. 15W
Magnets
  1. Circles
  2. Cylinders
  3. Wands w/ Plastic Coating
  4. Wands w/o Plastic Coating
  5. Round ceramic
Magnifying Glass
Marbles
  1. Small
  2. Regular
  3. Magnetic
Markers
  1. Colorful
  2. Dry Erase
  3. Sharpie
Mason Jar
Matches
Measuring Cups
Measuring Cylinders
Measuring Spoons
Meter Sticks
Microscope Slides
Mounting Putty
Nails
  1. Small
  2. Large 7.5g
Name Tags
Note Cards
Nuts & Bolts
Paint Tray: 19" x 13"
Paper Towels
Paper
  1. Cardstock
  2. Construction
  3. Freezer
  4. Graphing
  5. Liner
  6. Notebook
  7. Parchment
  8. Printer
  9. Wax
 10. Wrapping
Paper Bags, Small Brown
Paperclips, Regular and Jumbo
Pencil Sharpener
Pencils
Pencils, Colored
Pennies: 3.5g
Perfection Game
Pipe Cleaners
Pipettes
Pitcher, 2qt
Plastic Astronauts
   1. 2D: 2g
   2. 3D: 5.5g
Plastic Bag (gallon)
Plastic Bag (quart)
Plastic Bears
   1. 2D: 2g
   2. 3D: 4g
Plastic Cups (16oz)
   1. 9 oz
   2. 16 oz
Plastic Silverware
   1. Forks
   2. Knives
   3. Spoons
Plastic Wrap
Protractor
Pom Poms
Popcorn Kernels
Pumice Rock
Rubber Bands
   1. Regular
   2. Large
Rulers: meters and inches
Salt packets
Sand
Scales
   1. Box
   2. Hanging
   3. Electronic
Scissors
   1. Adult: 8” long
   2. Safety/Children
Screws
Soap Bars: full sizes and 1/2 sizes
Sodium Hydroxide
Sponges: full sizes and 1/2 sizes
Spray Bottles
Stacking Cubes, small and large
Stapler
Stapler Remover
Staples
Steel Wool
  1. Rusted Steel Wool
  2. Regular Steel Wool
Stickers
Sticky Notes
Stop Watches
Straws
String, Cotton
Styrofoam Trays
Styrofoam Cups
Sugar Packets
Tape
  1. Duct
  2. Masking
  3. Electrical
  4. Transparent
Tape Measure
Thermometers
Tin Cans
Tin Trays: 12"x10"x3"
Tissues
Toilet Paper
Toothpicks
Toy Cars
Trash Bag
Tweezers
Vegetable oil
Vinegar
Washers: 8.5g
Wooden Sticks
  1. Standard Paint Mixing
  2. Large Paint Mixing
  3. Popsicle
4. Wooden Dowels
Yeast
MATeRIALS LIST FOR EACH KIT

Lesson #1 Kits

Title: Come Fly With Us
Quantity = 18
Materials:
- (28) safety scissors
- (15) Helicopter templates (3 helicopters per template)*
- (2) boxes of small paper clips*
- (16) Helicopter seeds (from Seed Dispersal sets)
- (2) Seed Dispersal Methods Handout (color copy and laminated)
- (~28) pieces of cardstock
- (~28) pieces of paper
- (14) rolls of tape

Title: Falling Bridges
Quantity = 17
- (28) pieces Blank paper*
- (140) Index cards*
- (14) Sponges with a slit in the middle
- (14) bags of 100 washers
- (28) wooden blocks
- (14) small pieces of cardboard
- (14) Beam Bridge Challenge Handouts

Title: Working With Wind
Quantity = 15 kits
Materials:
- (14) Wooden Dowels 3/16 inch x 12 inch
- (14) bags of 50 washers
- (14) dixie cups*
- (14) clear tape dispensers*
- (14) kids scissors
- (14) pieces of string, 20 inches long*
- (2) package of mounting putty*
- (2) packs of index cards (100 cards each)*
- (1) roll of Aluminum foil*
- (1) roll of clear plastic wrap*
- (2) one hole punch
- (2) boxes of paper clips*
**Title: Foil Boat**
Quantity = 16

**Materials:**
- (50) sheets of aluminum foil (4”x4”)*
- (14) bags of weights (50 weights per bag)
- (14) small tubs (this is where they will place the boat to see if it will float – small butter tubs are a good size)
- (2) plastic pitcher or container for water
- (2) balloons*
- Paper towels for wet pennies and other spills on each table*

**Title: Free Fallin’**
Quantity = 10

**Materials:**
- (3) Cardboard Circle templates (6.75 inch diameter)
- (3) Square Cardboard templates (6 inch square)
- (3) Triangle Cardboard (8.5 inch high and 8.5 inch base)
- (3) Cardboard Circle templates (9.5 inch diameter)
- (15) pieces of liner paper*
- (5) 12 inch square pieces of white trash bag*
- (5) 12 inch square pieces of felt*
- (5) Small coffee filter (~8 inch diameter)*
- (5) Medium coffee filter (~9 inch diameter)*
- (12) Large Coffee Filters (~10 inch diameter)*
- (115) 12” lengths of string*
- (9) Rolls Masking tape*
- (9) Rulers
- (1) Box of large paper clips*
- (9) Scissors
- (6) Permanent marker
- (10) Gallon Zipper bags
- (3) Station Directions for each station (laminated)

**Math Kits**

**Title: Comparing Polygons (Conjectures and Transformations)**
Quantity = 2

- 15 Rulers, metric, clear, 30CM
- Marker w/eraser set, 1 green & 16 black
- 4 Anglegs set
- 25 Resealable plastic bags, 13”x18”
- 15 Magnetic board, bi-fold 9”x12”
- 30 Geometry journal, 5th grade
- Geometric magnet set, 3rd-5th grade
- 15 Marker w/eraser, purple
- 15 Marker w/eraser, red
- 1000 Paper, patty
- 36 Pen, bright idea, green
- 8 Polystraw set
- 35 Researlable plastic bags, 6”x9”
- 8 Transparent tape, 1/2” disposable roll
- 19 Newsprint
- Errata sheet
- Spare cable ties
- Foam set, geometric, 5th grade

Title: Penny Flip (In All Probability)
Quantity = 2
- (~30) Sticky Notes (2 distinct colors, 2.5 by 2.5 inches square)*
- (~3) Index cards*
- (1) Small clear container (Approximately 16 oz.)
- (~100) Pennies

Title: The First Straw (Foss Measurement)
Quantity = 2
- (15) Measuring Tape
- Straws*
  - (30) Drinking straw
  - (30) Drinking straws that have been cut 5 cm shorter.

Title: Making Comparisons (Foss Measurement)
Quantity = 2
- 3 x 5 index cards or white paper*
- measuring tapes
- Student Sheet no. 4 titles Making Comparisons

Title: Weight Watching
Quantity = 2
- (7) Balance
- (50) Plastic cups
- (7) Mass Sets (25 1g pieces, 5 5g pieces, 2 10g pieces, 1 20g piece)
- (7) metal disks
- (7) Plastic chips
- (2) boxes large paper clips*
- (2) boxes small paper clips*

Science Lessons

Title: Chemical Change
Quantity = 2
- (7) pieces of bubble wrap*
- (7) plastic pipettes
- (1) container of vinegar*
- (1) box (or container) baking soda*
- (7) plastic spoons*
- (1) pad of steel wool (keep in bag)
- (1) rusted pad of steel wool
- (1) container of cream of tartar*
- (3) alcohol thermometers
- (2) graduated cylinders (25 ml)
- (7) containers of modeling clay or play dough*
- (14) Effervescent Tablets (like Alka-Seltzer)*
- (14) Sheets of wax paper*
- (3) Plastic cups*
- (14) re-sealable plastic sandwich bags*

Title: Comparing Shells (From Name That Shell Kit)
- (14) bags of shells each bag contains (7) shells (Cockle, Whelk, Olive, Kitten's paw, Auger, Scallop, Jingle)
- (1) shell poster
- (14) hand lenses
- (14) rulers

Title: Earthlets
Quantity = 4
- (28) small opaque containers with lids (26 are filled with random items such as bolts, paper clips, unpopped popcorn kernels, marbles, screws, plastic cubes, pennies, metal key chains, sugar packets, pencil top erasers, buttons, rubber bands, pea gravel, half a crayon, etc. Where the same item will be in 2 containers)
- (7) coated magnetic wands
- (1) Earthlets book

Title: Fancy Footwork
Quantity = 2
- (14) ~12 inch x 12 inch piece of felt
- (14) ~12 inch x 12 inch piece of bubble wrap
- (14) ~12 inch x 12 inch piece of aluminum foil*
- (14) ~12 inch x 12 inch piece of plastic wrap*
- (14) ~12 inch x 12 inch piece of wax paper*
- (14) pieces of printer paper*
- Box of small paper clips*
- (~20) rubber bands*
- (14) rolls of masking tape*
- (14) bottles of water (8 ounce)
- (14) rulers with cm and inches
Title: Grand Canyon
Quantity = 2
- bag unwashed gravel (large)*
- bag unwashed gravel (small)*
- bag soil (6 cups)*
- bag unwashed small rocks (7 cups)*
- (14) plastic jars with lids
- (7) Plastic Paint trays
- (7) fine mesh metal strainers
- box paper coffee filters*
- (7) bags of sand (5 cups each)*
- (28) safety goggles

Title: Magnetic Pickups
Quantity = 2
- (7) magnetic wands
- (1) roll of cotton string
- (7) white Styrofoam dissection trays
- (7) pencil
- (7) pieces of aluminum
- (7) metal spoons
- (7) cotton balls
- (7) metal jingle bells
- (7) metal washers
- (7) iron nails
- (7) pads of steel wool
- (7) plastic spoons
- (1) Bag with (8) nickels, (8) pennies, (8) marbles
- (1) boxes paper clips
- (7) rolls of masking tape
- (14) round ceramic magnets
- (7) large clear plastic cup
- (1) small clear plastic cup

Title: Mystery Pellets
Quantity = 3
- (1) package of 14 owl pellets*
- (1) box sharp toothpicks*
- (14) sheets of white cardstock*
- (14) owl pellets bone charts
- (7) 4oz. tube of school glue*
- (1) owl pellets mini poster

Title: Roller Coasters
Quantity = 3
- (14) 6 foot pieces of 1” foam insulation
- (14) – 16 oz plastic cups
- (14) small foosballs
• (14) small rubber bands (1-2” diameter)
• (14) glass marbles
• (1) box paper clips
• (1) small roll of duct tape

Title: Sheep in a Jeep
Quantity = 2
• (7) trucks
• (7-10) plastic farm animals
• (7) ramps
• (7) pieces of felt
• (7) sheets of rough sandpaper*
• (1) box small kitchen trash bags*
• (7) small rolls of scotch tape*
• (21) wooden blocks
• (7) measuring tapes or meter sticks
• Book: Sheep in a Jeep

Title: Tower of Power
Quantity = 2
• (3) packages of 3x5 index cards (100 cards/pack)*
• (14) rolls of transparent tape dispensers with tape*
• (14) pairs of safety scissors
• (14) Stuffed plush bears