

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