

## 3<sup>RD</sup> GRADE SUPPLY LIST – PICTURE PERFECT SCIENCE

### RICE IS LIFE Chapter 8 PPS

#### PER STUDENT

- Bowl of cooked rice
- Chopsticks (optional)
- Hand lenses
- Sand paper
- Plastic cups (clear)

#### PER CLASS

- ½ c WHITE RICE
- ½ c brown rice
- Thermometer
- Rice in husk or hull (1 packet)
- Potting soil
- Small plants of the same type (beans, radishes, etc...)

#### SUPPLIES ALREADY PRESENT IN CLASSROOM

- Chart paper
- Water
- Sticky notes (“think pads”)
- Centimeter rulers

### TURTLE HURDLES Chapter 12 PPS (this lesson calls for an overhead projector???)

#### PER CLASS

- Turtle shaped I wonder/I learned chart
- CD of ocean sounds (optional)

#### SUPPLIES ALREADY PRESENT IN CLASSROOM/SCHOOL

- Sticky notes (“think pads”)
- Dice

### Oil Spill Chapter 13 PPS

#### PER CLASS

- “black oil” - 2 tsp of powdered black tempera and 750 ml vegetable oil (enough for 10 teams)

#### PER TEAM

- 3 Aluminum pie pans
- 3 rocks (no bigger than deck of cards)

- 3 Leafy carrot or celery top
- Pipe cleaners
- 3 cups
- 1 measuring cup
- Red and green cups
- Gallon Ziploc bags
- Spoons
- Forks
- Yarn
- Nylon stockings (cut into strips)
- Cotton balls
- Pipettes
- Coffee filters

#### SUPPLIES ALREADY IN CLASSROOM

- Paper towels
- Water
- Newspaper

### Earthlets Chapter 6 PPS

#### PER STUDENT

- Black film canisters or opaque containers with lid
- Popcorn kernels
- Marbles
- Screws
- Disc magnet or magnetic marble
- Key chain
- Salt packets
- Buttons
- Sand or small gravel
- Magnets

#### SUPPLIES ALREADY IN CLASSROOM/SCHOOL

- Small paperclips
- Pennies
- Plastic centimeter cubes
- Water
- Rubber bands
- Crayon
- Chalk
- Balances (or electronic kitchen scales)

## **SHEEP IN A JEEP chapter 14 PPS**

### **PER TEAM**

- Toy jeeps or toy cars
- Small plastic animals
- Wooden ramps
- Rough sandpaper
- Red & green cups
- String
- Sandwich bags
- Paper lunch bags
- Tissue paper
- Styrofoam plates
- Small plastic trash bags

### **SUPPLIES ALREADY AVAILABLE IN CLASSROOM**

- Books
- Tape
- Calculators
- Tape measure/meter sticks
- Poster size paper
- Scissors
- White paper

## **BRAINSTORMS: FROM IDEA TO INVENTION Chapter 20 PPS**

### **PER STUDENT**

- Chocolate chip cookies (optional)

### **PER TEAM**

- Masking tape
- Styrofoam bowls
- Red & green cups
- 10 white cotton swatches
- pipettes

### **PER CLASS**

- Examples of invention from book (Frisbee, eyeglasses, paper bag, etc...) (optional)
- 40 Plastic straws (NOT bendy)
- Full can of soda

- Scotch guard (teacher use only)
- Mustard
- Spaghetti sauce
- Grape juice
- Tomato juice

#### SUPPLIES ALREADY AVAILBLE IN CLASSROOM/SCHOOL

- Scissors
- Timer/clock
- Index cards
- Paper towels

### THE SECRETS OF FLIGHT Chapter 23 PPS

#### PER STUDENT

- Safety glasses

#### SUPPLIES ALREADY AVAILBLE IN CLASSROOM/SCHOOL

- Scotch tape
- Glue sticks
- Scissors
- Paper clips
- Copy paper
- Stopwatch or timers

### FLOAT YOUR BOAT Chapter 7 EMPPS

#### PER TEAM

- Aluminum foil squares
- Masking tape
- Bendable straws

#### PER CLASS

- Balloon
- Balance (optional)

#### SUPPLIES ALREADY AVAILBLE IN CLASSROOM/SCHOOL

- Water
- Pennies
- Paper towels
- Metric rulers
- Scissors
- Index cards

- Markers

## **PROBLEM SOLVERS Chapter 20 EMPPS**

### **PER TEAM**

- Poster paper

### **PER CLASS**

- Samples or pictures of US currency
- Pictures of Ben Franklin inventions (bifocals, lightning rod, long arm, swim fins, Franklin stove, writing chair, clock with second hand, odometer)

### **SUPPLIES ALREADY AVAILABLE IN CLASSROOM/SCHOOL**

- Markers

## **WHAT WILL THE WEATHER BE Chapter 18 EMPPS**

### **PER CLASS**

- Alcohol thermometer
- Wind vane
- Anemometer
- Hygrometer
- Barometer
- Recording device (optional)

## **LOCO BEANS Chapter 9 MPPS**

### **PER STUDENT**

- Mexican Jumping Beans
- Petri dishes OR clear plastic cups
- Hand lenses

### **PER TEAM**

- Heating pad OR desk lamp
- Alcohol thermometer

### **SUPPLIES ALREADY AVAILABLE IN CLASSROOM/SCHOOL**

- Centimeter rulers
- Sticky notes (“think pads”)
- Clock with second hand

## **A SENSE OF WONDER Chapter 20 MPPS**

### **PER STUDENT**

Hand lenses

### **PER TEAM**

- Yarn OR string

### **SUPPLIES ALREADY AVAILABLE IN CLASSROOM/SCHOOL**

- Colored pencils, crayons, markers
- Scissors
- Glue sticks or tape

## **HOW BIG IS A FOOT Chapter 7 MPPS**

### **PER TEAM**

- String OR yarn
- Masking tape

### **SUPPLIES ALREADY AVAILABLE IN CLASSROOM/SCHOOL**

- Yardstick
- Meter stick
- Rulers

## **THAT MAGNETIC DOG Chapter 13 MPPS**

### **PER TEAM**

- Magnetic wand
- String
- Boxes containing items to test for magnetic properties (paper clips, aluminum foil, cotton balls, pennies, plastic & metal spoons, toothpicks, iron nails, steel wool, etc..)

### **PER CLASS**

- Poster board
- Assortment of keys

### **SUPPLIES ALREADY AVAILABLE IN CLASSROOM/SCHOOL**

- Pencils
- Tape
- Crayons or markers

- Drawing paper

## **IMAGINATIVE INVENTIONS Chapter 19 MPPS** (this lesson calls for an overhead projector)

### **PER TEAM**

- 2 types of inexpensive simple toys (blow ball pies, finger grips, jumping frogs {things from Oriental Trading})

### **PER CLASS**

- Frisbee
- Pie tin
- Different versions of Frisbees (real or pictures)
- Examples of inventions from book (eyeglasses, high-heel shoes, roller skates, flat bottomed paper bags, marbles, piggy banks, etc...)