

## What's the Matter Supply List Supplies are for Six Groups of 4

- Lesson 1- What is change?
  - 3 packages- Sticky Notes (1/2 package per group)
  - 1 LARGE clear plastic cup (will fill half way with water)
  - 1 small bottle of vegetable oil
  - 1 package food coloring
  - 1 ice tray
- Lesson 2- What is a scientist?
  - 1 package of index cards for word wall cards
- Lesson 3- Introduction to Matter-
  - 20 pairs of goggles (packed separately)
  - 8 wooden blocks
  - 2 balloons
  - 1 small bottle of syrup
  - 4 plastic water bottles with items inside
  - 1 clear plastic cup for demonstration
  - 1 medium, plastic Rubbermaid bowl for demonstration
  - YOU WILL NEED AN EMPTY TWO LITER BOTTLE THAT IS NOT SUPPLIED IN THIS KIT
  - 18 plastic eggs (3 per group)
  - 1 roll of tape (to wrap around the eggs so kids won't open)
- Lesson 4- What scientists do: observe, question, learn more
  - 6 Ziploc bags with the following items: foil, plastic, tongue depressor, wire, paper, cardboard, balloon (1 per group)
  - 1 bottle of Maple syrup from lesson one
  - 1 bottle of cola
  - 25 empty Ziploc snack bags (you will fill these ahead of time with liquids and ice)
  - 1 envelope of Kool Aid
- Lesson 5- What scientists do: experiment, create meaning, tell others-
  - 25 small, clear cups to pour liquids in from the last lesson
  - 1 partial package of sticky notes
- Lesson 6- The case of the mystery goop-
  - 1 box of cornstarch

- 1 zipper bag with the following items inside:
  - 25 small Dixie cups for cornstarch and water (one per person)
  - 6 water droppers (one per group)
  - 25 spoons (one per person) **SAVE 7 of these for Lesson 9**
  - 25 Ziploc sandwich bags (one per person- to put goop in when finished)
- Lesson 7- Physical changes by changing temperatures-
  - 1 bag of chocolate chips
  - 25 Ziploc SNACK bags (one per person)
  - 25 spoons
  - 1 box of rock salt
  - 64 ounce container of Half and Half (NOT IN KIT)
  - 1 package of sugar (in a zipper bag)
  - 1 bottle of vanilla
  - 1 set of measuring cups and spoons
  - 1 ice cream maker
- Lesson 8- Who stole the principal's water?-
  - 1 small bowl (from Lesson 3) filled with ice
  - 1 balloon- for demonstration
  - 1 measuring tape (to measure change in balloon size)
  - 60 cm cubes (each group gets 10)
- Lesson 9- Who stole the principal's water part 2-
  - 6 aluminum pie pans (one per group)
  - 1 clear cup
  - 1 container of salt
  - 7 plastic spoons- THESE SHOULD BE SAVED FROM LESSON 6
  - 1 digital thermometer- all groups share
- Lesson 10- Measuring mass-
  - One balance
  - 6 zipper bags with items to mass (one per group)
  - 1 balloon
  - 1 can of Play-doh
  - 1 clear cup (to hold the ice)

- Lesson 11- Measuring volume-
  - 1 bag of gravel – give 5 or 6 pieces to each group
  - 6 sets of measuring cups (one set per group)
  - 150 mass cubes (from Lesson 8- about 25 per group)
  - 25 metric rulers- **pull these out of the EIE kit**
  - 6 large plastic cups (one per group)
- Lesson 12- Evaporation findings- checking results of lesson 9
- Lesson 13- Condensation- bag of ice- **NOT IN THE KIT**
  - 24 Ziploc snack bags
  - 1 package of food coloring (from Lesson 2)
- Lesson 14- Planning the investigation and hosting the matter conference-
- Lesson 15- Concluding the unit-
  - Package of index cards (from Lesson 2)