

FOUNDATIONS OF SCIENCE – YEAR 1

SUPPLY LIST

WEEK 1

- cotton swabs
- unsweetened baking cocoa
- lemon juice
- salt
- honey

WEEK 2

- rope or heavy string
- 1 large flat pan, 4-5 inches deep
- electric or paper fan
- bucket or jug
- food coloring (optional)
- 5 large marbles or ball bearings

WEEK 3

- balloons

WEEK 4

- flashlight
- aluminum foil

WEEK 5

- mirror
- aluminum foil
- a piece of colored paper (red, green, or blue)
- a piece of black paper

WEEK 6

- toothpicks
- playdough or modeling clay
 - make your own play dough in 4 minutes: <http://theimaginationtree.com/2012/04/best-ever-no-cook-play-dough-recipe.html>

WEEK 7

- large balloons
- string
- yard stick
- skewer or something sharp to pop the balloons

WEEK 8

- 2-liter clear plastic pop bottle
- matches

WEEK 9

- food coloring (different colors)
- table salt
- large baking dish

WEEK 10

- 2-liter clear plastic pop bottle
- drill (to make holes in the bottle)
- scotch tape

WEEK 11

- none

WEEK 12

- seeds for sprouting

WEEK 13

- celery
- red food coloring
- broccoli

WEEK 14

- one flower per child
- sketch pad
- magnifying glass (optional)

WEEK 15

- 1 round piece of cardboard about 1 foot across (the cardboard from a frozen pizza works well)
- colored construction paper
- scissors
- tape
- string
- pencil, crayons, markers
- a geometry compass (for making circles)

WEEK 16

- none

WEEK 17

- none

WEEK 18

- yarn or string
- modeling clay
- notebook-sized piece of cardboard
- compass

WEEK 19

- large piece of cardboard (about 1m squared)
- black spray paint
- 8 (or more) ping-pong balls (or other same-sized balls)
- black permanent marker
- very strong glue (such as Duco cement)
- flat piece of glass, such as from a picture frame

WEEK 20

- cylindrical oatmeal container with plastic lid
- a nail
- black tape
- flashlight

WEEK 21

- piece of cardboard
- string
- 2 thumbtacks
- pencil

WEEK 22

- none

WEEK 23

- none

WEEK 24

- none

WEEK 25

- perch dissection kit: <http://www.hometrainingtools.com/perch-dissection-kit> (optional)

WEEK 26

- none

WEEK 27

- none

WEEK 28

- crayfish dissection kit: <http://www.hometrainingtools.com/crayfish-dissection-kit> (optional)

WEEK 29

- eggs

WEEK 30

- grasshopper dissection kit: <http://www.hometrainingtools.com/grasshopper-dissection-kit> (optional)

WEEK 31

- earthworm dissection kit: <http://www.hometrainingtools.com/worm-dissection-kit> (optional)

WEEK 32

- play dough or modeling clay (see recipe Week 6)

WEEK 33

- microscope (optional but highly recommended)

WEEK 34

- frog dissection kit: hometrainingtools.com/frog-dissection-kit (optional)

WEEK 35

- coffee filter
- clear glass container
- sugar
- cocoa
- old t-shirt or apron
- craft supplies (paint, markers, glitter, iron-ons, fabric, etc.)

WEEK 36

- none