

Layers of Learning Earth & Space Supply List

This is a comprehensive list of all the supplies needed to do every exploration in Layers of Learning Earth & Space. Since this is a pick-and-choose curriculum you will not need all of these supplies. Each exploration has its own supply list.

Books

- ☐ Library
- ☐ Science encyclopedia (we recommend *DK*, *Usborne*, or *Kingfisher*)
- ☐ Rocks & minerals guide
- ☐ Constellation guide
- ☐ Student atlas

School Supplies

- ☐ Composition book or spiral notebook
- ☐ Black ink pen
- ☐ Pencil
- ☐ Colored pencils and/or crayons
- ☐ Colored markers
- ☐ Calculator
- ☐ School glue
- ☐ Glue stick
- ☐ Scissors
- ☐ Ruler
- ☐ Stapler
- ☐ Hole punch
- ☐ Brass brad
- ☐ Permanent marker, black
- ☐ Clear tape
- ☐ Masking tape
- ☐ Poster board
- ☐ World map
- ☐ Globe
- ☐ Protractor
- ☐ Math compass
- ☐ Paper clips

Art Supplies

- ☐ Colored paper
- ☐ Art paper
- ☐ Tempera paints
- ☐ Glitter
- ☐ Paint pens
- ☐ Watercolor paints

- ☐ Paint brushes
- ☐ Felt in various colors
- ☐ Foam balls
- ☐ Yarn
- ☐ Plaster of Paris
- ☐ Chenille stems
- ☐ Craft sticks
- ☐ Shells
- ☐ Ribbon
- ☐ Magnetic tape
- ☐ Polymer clay
- ☐ Glitter glue
- ☐ Oil pastels
- ☐ Air dry clay
- ☐ Craft wire

Foods

- ☐ Cookie recipe and ingredients
- ☐ Artificial sweetener
- ☐ Vanilla pudding
- ☐ Food coloring
- ☐ Graham crackers
- ☐ Eggs
- ☐ Cooking oil
- ☐ Salt
- ☐ Flour
- ☐ Cooking oil
- ☐ Sugar cookie dough
- ☐ Frosting
- ☐ Cocoa powder
- ☐ Sugar
- ☐ Corn starch
- ☐ Vanilla extract
- ☐ Milk
- ☐ Butter
- ☐ Rice
- ☐ Instant pudding
- ☐ Heavy cream
- ☐ Chocolate chips
- ☐ Mini marshmallows

- ☐ Peanuts
- ☐ Walnuts
- ☐ Raisins
- ☐ Coconut
- ☐ Cookies
- ☐ Butterscotch chips
- ☐ Candy bar
- ☐ Rock candy
- ☐ Powdered drink mix
- ☐ Lemon gelatin dessert mix
- ☐ M&Ms candy
- ☐ Chicken bones
- ☐ Syrup

Science Supplies

- ☐ Electronic scale to the .01
- ☐ 2 - Thermometers, Celsius
- ☐ Meter stick
- ☐ Graduated cylinder 100 ml
- ☐ 3 - 250 ml beakers
- ☐ 250 ml flask
- ☐ Iron filings
- ☐ Bar magnet
- ☐ Plaster of Paris bandage strips
- ☐ Magnifying glass
- ☐ Mineral and/or rock sample kit
- ☐ Plastic vortex bottle connector
- ☐ Telescope
- ☐ Dry ice

Chemicals

- ☐ Distilled water
- ☐ Vinegar
- ☐ Baking soda
- ☐ Borax
- ☐ Epsom salts
- ☐ Isopropyl alcohol
- ☐ Glycerin

Household Supplies

- ☐ Printer with paper
- ☐ Card stock, white and colored
- ☐ Graph paper
- ☐ Internet connection
- ☐ Stopwatch
- ☐ Stocked kitchen with pans and utensils

- ☐ Marbles
- ☐ Play dough
- ☐ String
- ☐ Fishing line
- ☐ Freezer paper
- ☐ Butcher paper
- ☐ Disposable cups
- ☐ Paper plates
- ☐ Disposable spoons
- ☐ Cupcake papers
- ☐ Ice
- ☐ Balloons
- ☐ Rubber gloves
- ☐ Camera (phone camera)
- ☐ Plastic shoe box sized container
- ☐ Wooden skewers
- ☐ Plastic wrap
- ☐ Rubber bands
- ☐ Envelope
- ☐ Dish soap
- ☐ Action figures
- ☐ Toy dinosaurs
- ☐ Spray paint
- ☐ Drinking straws
- ☐ Coins
- ☐ Paper towels
- ☐ Board or cutting board
- ☐ Dot label stickers
- ☐ Unglazed tile
- ☐ Liquid starch
- ☐ Funnel
- ☐ Chalk/Sidewalk chalk
- ☐ Fly swatters
- ☐ Double sided carpet tape
- ☐ Dice
- ☐ Game tokens/men
- ☐ Kitchen sponge
- ☐ Toothbrush
- ☐ Metal nut picks
- ☐ Toothpicks
- ☐ Bean bags
- ☐ Flashlight
- ☐ Candles
- ☐ Matches or lighter
- ☐ Dish soap
- ☐ Plastic bag
- ☐ Straight pin

- ☐ Hair dryer
- ☐ Cotton balls
- ☐ Iron & ironing board
- ☐ Foaming shaving cream
- ☐ Socks
- ☐ Paper lunch sack
- ☐ Hot glue gun and sticks
- ☐ Spray bottle
- ☐ Small table
- ☐ Clip, like a chip clip
- ☐ Red cellophane or red filter for flashlight
- ☐ Grater
- ☐ Balls
- ☐ Lamp
- ☐ Blankets
- ☐ Chairs

Reused Supplies

- ☐ Jars, small and large
- ☐ Glass bottle with narrow neck
- ☐ Cardboard boxes, all sizes
- ☐ Shoe boxes
- ☐ Egg carton
- ☐ Toilet paper tubes
- ☐ Plastic lid from a coffee can
- ☐ 2 liter bottle
- ☐ Magazines
- ☐ Tall can, like from Pringles chips
- ☐ Ashes
- ☐ Cereal boxes
- ☐ Cardboard tubes from gift wrap
- ☐ Aluminum soda pop can
- ☐ Newspapers

Hardware/Garden Supplies

- ☐ Bean seeds
- ☐ Potting soil
- ☐ Fine sand
- ☐ Spade, large and hand
- ☐ Screen mesh
- ☐ Nails
- ☐ Hammer
- ☐ Screw
- ☐ Screwdriver
- ☐ Bucket
- ☐ Tape measure

- ☐ Washer

Nature Supplies

- ☐ Rocks and pebbles
- ☐ Tree branches
- ☐ Soil
- ☐ Limestone rock

Places to Visit

- ☐ Laboratory or research facility
- ☐ Mountains
- ☐ Cave
- ☐ Fossil dig
- ☐ Stream with potential fossils
- ☐ The country for star gazing
- ☐ Your back yard for star gazing

