

Atoms and Matter (3-6)

Consumables	Permanent	Needed
1 btl pepper	2 tubs of play dough, plastic bag	water
1 btl veg oil	1 molecular modeling kit (3 red, 2 blue, 4 white pieces)	notebook
1 btl salt	1 1/8 teaspoon	
	2 pipettes: oil, water	
	1 test tube with cap	
	1 magnifying glass	
	2 safety goggles	

Kitchen (3-6)

Consumables	Permanent	Needed
1 btl baking soda	1 ½ tsp, 2 wax paper sheets	water
1 btl soap	1 lipstick	pan, glass
1 btl sugar	1 beakers	stove
1 btl vinegar	2 pipettes: soap, water	notebook
	1 graduated cylinder	Thread
	paper shapes	paper clip
	2 safety goggles	sugar, stick

Chromatography (3-6)

Consumables	Permanent	Needed
8 paper strips	1 graduated cylinder	water
1 paper: Cat	4 black pens (animals)	tape
1 btl rubbing alcohol	1 ruler, 6 markers	notebook
	2 pipettes: water, alcohol	
	1 beaker and cover	
	2 safety goggles	

Polymers (3-6)

Consumables	Permanent	Needed
1 btl Borax soln.	1 beaker	water
2 black plastic	1 ½ Tbl	pencil
2 brown paper	2 pipettes: water, borax	notebook
1 rubber band	1 monomer doll stencil	scissors
1 btl Elmer's glue	1 stirrer	paper
	1 plastic bag	tape
	2 safety goggles	crayons

Chemical Identification (3-6)

Consumables	Permanent	Needed
11 cotton swabs	2 color switch markers	¼ red cabbage
1 btl. baking soda	4 test tubes with caps	water, pan, stove
1 btl. vinegar	4 pipettes	notebook
1 btl cream of tartar	2 safety goggles	

Atoms and Matter (K-2)

Consumables	Permanent	Needed
	1 plastic knife	water
	1 paper booklet (blank)	pan
	2 tubs play dough and plastic bag	stove
	2 magnets	notebook
	2 safety goggles	

Kitchen (K-2)

Consumables	Permanent	Needed
1 btl. salt	1 lipstick	water
1 btl. soap	4 test tubes with caps	notebook
1 btl. pepper	1 wax paper	plate
1 btl. veg. oil	2 safety goggles	
1 sugar cube	2 pipettes (oil, soap)	
1 btl. food coloring		
1 balloon		

Chromatography (K-2)

Consumables	Permanent	Needed
1 btl rubbing alcohol	1 beaker and cover	water
1 paper: cat	4 crayola markers	notebook
4 paper strips	3 black pens (cat, dog, bird)	
	2 safety goggles	

Polymers (K-2)

Consumables	Permanent	Needed
1 btl Borax soln.	1 pipette	water
1 btl Elmer's glue	1 stirrer	pencil
	1 plastic bag	notebook
	2 stencils: boy, girl	crayons
	1 beaker	tape
	2 safety goggles	

Chemical Identification (K-2)

Consumables	Permanent	Needed
1 btl. cream of tartar	1 paint brush	¼ red cabbage
1 btl. baking soda	2 plastic pipettes	1 piece of bread
1 btl. tincture of iodine	4 test tubes with caps	water, pan, stove
1 btl. vinegar	1 white crayon	notebook
	2 safety goggles	

Light and Sound (3-6)

Consumables	Permanent	Needed
Red, blue, and green paint	1 pair diffraction glasses	notebook
	1 straw	metal spoon
	1 paint brush	light sources
	1 stirrer, 3 pieces string	
	1 wooden dowel	
	3 cellophane	
	2 safety goggles	

Luminescence (3-6)

Consumables	Permanent	Needed
3 glow sticks	1 beakers and cap	water
	2 wall and 2 energy level pieces, 2 pom poms, 1 pipe cleaner	freezer
	2 safety goggles	notebook
		scissors

Environmental Chemistry (3-6)

Consumables	Permanent	Needed
1 btl. food coloring	1 plastic fork	water
	1 beaker, 1 mesh screen	notebook
	1 rolling pin	scissors
	1 tub play dough	paper
	3 shells: A, B, C	towels
	1 stencil: flower	toilet paper
	2 safety goggles	

Biochemistry (3-6)

Consumables	Permanent	Needed
1 btl. ketchup	4 vials, labels covered	water
1 btl. veg. oil	2 stirrers	notebook
1 btl. tincture of iodine	1 plastic pipette: iodine	
5 sugar cubes	2 test tubes, with caps	
1 cracker, 1 pasta	1 vial of coffee beans	
5 cotton swabs	2 safety goggles	
1 brown paper		

Liquid Crystals (3-6)

Consumables	Permanent	Needed
	1 thermometer	notebook
	1 mood ring	
	2 beakers	
	2 safety goggles	

Light (K-2)

Consumables	Permanent	Needed
1 card stock paper	1 pair diffraction glasses	notebook
Red, blue, and yellow paint	1 paint brush	metal spoon
	3 cellophane	light sources
	2 safety goggles	Crayons, markers
		scissors

Heat (K-2)

Consumables	Permanent	Needed
3 glow sticks	1 bag containing: 2 circles, 2 squares, 2 triangles	water
	2 safety goggles	notebook
	1 beaker and cap	Freezer

Beetle (K-2)

Consumables	Permanent	Needed
	1 btl. scent	notebook
	1 scent stick	
	2 safety goggles	

Combustion (K-2)

Consumables	Permanent	Needed
1 candle	1 test tube	notebook
1 btl. vinegar	1 ¼ tsp.	glass
1 btl. baking soda	2 safety goggles	
1 box matches		

Potato Battery (K-2)

Consumables	Permanent	Needed
	1 clock with leads	potato or apple
	1 battery	notebook
	1 wire with clips	
	2 copper nails	
	2 zinc nails	
	2 safety goggles	