

FOSS NG Teacher-supplied Materials Grade 3	
Investigation	Material Needed
Motion and Matter	
All Investigations	<ul style="list-style-type: none"> • Chart paper and marking pen • Computer with Internet access • Drawing utensils (pencils, crayons, colored pencils, marking pens) • Glue sticks 1 Projection system • Science notebooks (composition books)
Outdoor Investigations	1 Bag for carrying materials
Investigation 1: Forces	1 Chair with steel legs
Investigation 2: Patterns of Motion	50 Pennies 32 Scissors <ul style="list-style-type: none"> • Scratch paper
Investigation 3: Engineering	16 Scissors
Investigation 4: Mixtures	1 Bucket <ul style="list-style-type: none"> • Calculators • Chart paper, poster tagboard, marking pens • Paper towels 32 Safety goggles <ul style="list-style-type: none"> • Stopwatches or clocks with second hands • String (optional) • Tape, masking (optional) 1 Trundle wheel (optional) <ul style="list-style-type: none"> • Vinegar, white, 1 L (1 qt.)

FOSS NG Teacher-supplied Materials	
Grade 3	
Investigation	Material Needed
Structures of Life	
All Investigations	<ul style="list-style-type: none"> • Chart paper and marking pen • Drawing utensils (pencils, crayons, colored pencils, marking pens) • Glue sticks • Paper towels 1 Projection system with Internet access 32 Science notebooks (composition books) 32 Scissors • Self-stick notes (for review sessions)
Outdoor Investigations	<ul style="list-style-type: none"> 1 Bag for carrying materials 16 Clipboards • Containers for water (plastic gallon jugs, 2 L soft-drink bottles, buckets) • Pencils
Investigation 1: Origin of Seeds	<ul style="list-style-type: none"> 25–40 Bean or pea pods • Bleach, 50 mL 1 Camera (optional) • Construction paper, several colors • Fruit • Microscope (optional) • Newspaper 16 Paper or plastic plates 1 Pitcher or bucket (optional) • Water • White glue
Investigation 2: Growing Further	<ul style="list-style-type: none"> 1 Camera (optional) • Construction paper, several colors • Hole punch 1 Lamp with 75-watt bulb (optional) 1 Plant with fibrous roots 1 Plant with taproot 2 Shopping bags, large, opaque • Water

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Investigation	Material Needed
Investigation 3: Meet the Crayfish	1 Bag of elodea (water plant) 12 Crayfish <ul style="list-style-type: none"> • Dechlorinator • Dry beans (pinto, kidney, black, white) • Ice (optional) 1 Marking pen, permanent, fine tip 1 Metric ruler 16 Pieces of recycled paper <ul style="list-style-type: none"> • Popped popcorn, 4–5 L (4–5 qt.) (or beans or acorns) • Swiss chard (optional) 1 Timer/stopwatch <ul style="list-style-type: none"> • Tissues • Water, aged 1 Whistle 1 Whiteboard, portable and marking pens
Investigation 4: Human Body	<ul style="list-style-type: none"> • Adhesive paper • Colored pens or pencils (optional) • Document camera (optional) • Gloves (optional) 16 Jump ropes 1 Nail (optional) <ul style="list-style-type: none"> • Newspaper (optional) 16 Owl pellets 32 Paper plates 32 Pencils, #2 <ul style="list-style-type: none"> • Plastic wrap (optional) • Scratch paper, white 1 Spray mister (optional) <ul style="list-style-type: none"> • Water • White glue

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Investigation	Material Needed
Water and Climate	
All Investigations	<ul style="list-style-type: none"> • Chart paper and marking pen • Drawing utensils (pencils, crayons, colored pencils, marking pens) • Glue sticks 1 Projection system and computer with Internet access • Science notebooks (composition books)
Outdoor Investigations	<ul style="list-style-type: none"> 1 Bag for carrying materials 32 Clipboards or cardboard pieces with binder clips • Containers for water (plastic gallon jugs or recycled 2 L soft-drink bottles with caps) • Pencils
Investigation 1: Water Observations	<ul style="list-style-type: none"> 16 Books, thick • Paper towels 8 Scissors 8 Sheets of white paper • Transparent tape
Investigation 2: Hot Water, Cold Water	<ul style="list-style-type: none"> 1 Cooler or ice chest (optional) 1 Freezer 1 Hot plate • Ice cubes • Paper towels 1 Penny 1 Plastic bag 8 Scissors 1 Shovel (optional) 1 Stopwatch • Transparent tape 1 Vacuum bottle
Investigation 3: Weather and Water	<ul style="list-style-type: none"> • Empty soft-drink cans (optional) • Frozen objects (optional) 1 Piece of lightweight cardboard • Ice cubes • Paper towels 1 Scissors • Transparent tape

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Investigation 4: Seasons and Climate	<ul style="list-style-type: none"> • Transparent tape
Investigation 5: Waterworks	<ul style="list-style-type: none"> • Newspapers • Paper towels 8 Screwdrivers (optional) 1 Shovel or trowel (optional) • Small weights (optional) • Sponges (optional) 1 Stopwatch (or other timers) • Water