

The Field of Dreams – TradeBridge MASTER MATERIALS, EQUIPMENT & SUPPLY LIST

For 40 Students • Two Classrooms • 12-Week Boot Camp • Hands-On Build-Out

**Your generous gift helps turn potential into Skilled
Trade Careers.**

1 CLASSROOM SETUP (Two Rooms, 20 Students Each)

Furniture & Room Setup

- 40 student training tables with chairs
- 6 instructor desks (3 per classroom)
- 2 rolling whiteboards per classroom
- 2 wall-mounted whiteboards
- 4 bulletin boards
- 4 storage cabinets (lockable)
- 4 rolling tool carts
- Trash + recycling bins (4 per room)

2 ELECTRONICS & TECHNOLOGY

Audio/Video & Teaching

- 2 projectors or 80" TVs (one per classroom)
- 2 soundbars
- 2 classroom speaker systems
- HDMI cables, adapters, mounts
- 2 laptops for instructors
- 3 tablets for registration, attendance, testing

- Wi-Fi router + booster
- 2 printers + toner
- 1 laminator + pouches

Student Tech

- 40 tablets or Chromebooks (optional)
- Charging cart
- Charging strips, surge protectors (20+)
- RFID attendance scanner (optional)

3 SAFETY GEAR (40 STUDENTS + 6 STAFF = 46 TOTAL)

Personal Protective Equipment (PPE)

- 46 hard hats (TradeBridge branded optional)
- 46 safety glasses (plus 20 backup)
- 46 high-visibility vests
- 92 work gloves (each student gets 2 pairs)
- 46 ear protection (muffs or plugs)
- 46 dust masks (daily)
- 100 N95 masks
- First-aid kits (4 large station kits)
- Fire extinguishers (8 ABC type)
- Eye wash station kit
- 4 “Safety Board” stations (for OSHA postings)

4 GENERAL TOOLS (Hands-On Training Set)

Hand Tools (Enough for Teams of 5)

- 16 tape measures
- 16 speed squares
- 16 chalk lines
- 16 utility knives
- 16 hammers (Vaughn 19 oz framing)
- 8 4ft levels & 8ft levels

- 16 pry bars. 4 flat bars, 8 crows foot, 4 crowbars
- 16 stud finders
- 8 hand saws. 26" Cross cut & 8 15" back saws with miter box
- 8 screwdrivers sets
- 4 framing squares
- 8 carpenter pencils boxes (bulk)
- Lineman's pliers (9")
- Needle-nose pliers
- Diagonal cutters (dykes)
- Wire strippers (12–14 AWG)
- Insulated screwdriver set (flat & Phillips)
- Non-contact voltage tester
- Basic multimeter
- Romex / cable cutter
- Fish tape (25–50 ft)
- Magnetic torpedo level
- Electrical tool pouch
- Flashlight or headlamp

Plumbing Hand Tools (Teams of 5)

- Adjustable wrench (10"–12")
- Channel-lock pliers (tongue & groove)
- Basin wrench
- Pipe wrench (14"–18")
- Tubing cutter (copper/PEX)
- PEX crimp tool
- PEX pipe cutter
- PVC pipe cutter
- Hacksaw
- Reaming / deburring tool
- Plumber's torch kit (instructional use)
- Soldering tools (flux brush, solder)
- Plumber's tool pouch

Drywall Hand Tools (Teams of 5)

- 4 Drywall T-square
- 8 Jab saw / drywall saw
- 8 Drywall rasp
- 8 Drywall hammer
- 8 Mud pan
- 8 Taping knife (6")
- 8 Finishing knife (10"–12")
- 4 Corner trowel

- 8 Hand sander
- 2 variable speed drywall sanders with hose (corded)
- 8 Sanding sponge
- 4 Mixing paddles (hand use)
- 4 Texture-Pro 200 Hopper Gun Sprayer with 3 Spray tips
- 4 50ft air hose
- 8 Chalk line
- 16 boxes 12ft x 400ft 0.31 mil painters plastic sheathing
- 8 Drywall tool pouch

HVAC Hand Tools (Teams of 5)

- 4 HVAC screwdriver set (flat, Phillips, nut drivers)
- 4 Adjustable wrench
- 8 Channel-lock pliers
- 8 Tin snips (left, right, straight or combo)
- 4 Sheet-metal hand seamer
- 4 Non-contact voltage tester
- 4 Digital Infrared thermometer
- 2 Manifold gauge set (training use)
- 4 Refrigeration wrench set
- 4 Hex key (Allen) set
- 8 Flashlight or headlamp
- 8 HVAC tool pouch

Painting Hand Tools (Teams of 5)

- 8 ea. Paint brushes (2"-3", angled & straight)
- 16 Mini paint rollers
- 16 Standard paint rollers (9")
- 16 Roller frames
- 16 Extension pole
- 16 Paint trays
- 32 Paint tray liners
- 12 Drop cloths
- 8 rolls masking tape 2in
- 8 Putty knife / spackle knife
- 5-in-1 painter's tool
- 16 Sanding sponges
- 32 Sandpaper (assorted grits)
- 8 Caulking gun
- 4 Paint can opener
- 8 Paint stir sticks
- 16 Bucket with roller screen

- 8 Bags Rags / shop towels
- 16 Brush & Roller Spinner
- 8 Painting tool pouch

Power Tools (Shared)

- 8 drill/driver kits (cordless)
- 4 impact drivers (cordless)
- 4 circular saws (cordless)
- 4 reciprocating saws (cordless)
- 4 oscillating multi-tools (cordless)
- 4 palm sanders 4 shop vacuums
- 2 table saws
- 2 miter saws (12" sliding recommended)
- 2 air compressors
- 4 pneumatic nail guns (framing, finish, brad)
- Hose reels & hoses (4)
- Cart Airless Paint sprayer w/ 50ft hose & TRU Tip

5 CONSTRUCTION MATERIALS FOR MOCK WALLS

8 ft × 8 ft wall sections, material list below

16 mock wall stations (teams of 5 students).

Lumber (per wall section)

- **Total per wall:** ~13 studs
- **For 16 stations:** **208 studs**

Drywall

- (4) sheets 4×8 × ½" per wall (front & back)
- Front + back: 32 sheets

Drywall Finishing

- 8 buckets all-purpose joint compound (1 per station)

- 8 rolls drywall tape
- 8 drywall corner beads
- Drywall screws (50 lbs)

Doors & Hardware

- 8 prehung interior doors (24–32")
- 8 sets door hardware (handles/locks)
- 8 casing/trim sets (perimeter)
- Shims (5 packs)

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MATERIALS FOR OTHER TRADES

(For your broad trades approach)

Electrical Basics (Safety + Hands-On Demonstration)

- 12 practice outlet boxes
- 12 lengths of Romex 12/2 cable
- 24 outlets
- 24 light switches
- 12 lamps/fixtures
- 12 GFCI outlets
- Wire nuts, connectors, staples

Plumbing Basics

- PVC sections (1", 2")
- Copper sections
- PEX line (200 ft)
- Crimp rings & tool
- PVC glue
- Torch & solder kits
- 4 Kitchen sinks
- 4 bathroom sinks
- 4 Toilets
- Faucet & trap assembly kits

Painting Module

- Primer (5-gal) × 3

- Paint (5-gal) × 3 (your brand colors or white)
- Brushes (40)
- Rollers (40)
- Roller trays (40)
- Drop cloths (20)
- Masking tape (20 rolls)

Carpentry Module

- 300 92 1/4" 2x4
- 50 10ft 2x4
- 25 10ft 2x4 pt.
- 100 10ft 2x6
- 50 sht 5/8" 4x8 t&g osb
- 55 sht 1/2" 4x8 osb
- 50 sht 19/32 4x8 T1-11 8in oc
- 10 rolls of building paper
- 10 rolls 15lb roofing felt
- 18 sq. roofing shingles
- 500 lf 1-1/2 x 1-1/2 drip edge flashing
- Sawhorses (10 sets)
- Screws, nails, adhesives
- 10 24"x 24" sliding windows
- 5 Primed pre-hung exterior doors

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SHOP / WAREHOUSE EQUIPMENT

- Workbenches (8–12)
- Heavy-duty shelving racks (6–10)
- Lockable tool storage cabinets (6)
- Material carts (4)
- Drywall carts (2)
- Jobsite rolling tables (4)
- Sanders & vacuums (dust control)
- Trash cans (10)
- Brooms, dust pans
- Mops & buckets
- Rags, cleaning chemicals
- PPE disposal stations

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OUTDOOR TRAINING AREA

Doing concrete, framing, roofing basics:

- Concrete mixing tubs
- Bagged concrete (30-40 bags)
- Rebar sections
- Trowels, floats, edger
- Ladder sets (4–6) 2ea.
- Scaffolding (2 sections)
- Sawhorses (multiple)
- Tarps & canopies for shade

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ADMINISTRATIVE SUPPLIES

- 40 binders (student manuals)
- 40 clipboards
- 40 notebooks
- Pens, sharpies, dry-erase markers
- Sign-in sheets
- Attendance system
- Certificates paper
- Name badges/lanyards
- File boxes, folders

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CONSUMABLES (12-WEEK STOCK)

- Screws (drywall, wood, deck)
- Nails (framing, finish)
- Caulking (20 tubes)
- Adhesives (construction adhesive 12 tubes)
- Sandpaper (bulk)
- Masking tape
- Painter's tape
- Trash bags (contractor bags 200)
- Cleaning supplies
- Safety posters, binders
- Water gallons & cups

STAFF NEEDS

- Instructor laptops
- Radios (4-6 units)
- First-aid & medical documentation
- Background check & onboarding materials

Estimated Costs by Category (for full 12-week Boot Camp / Build-Out)

Category	Estimated Cost (USD)
Classroom Furniture & Setup (desks, chairs, whiteboards, storage, carts, bins)	\$15,000 – \$25,000 (assuming ~\$200–\$400 per desk+chair set × 40, plus instructor desks, storage, whiteboards, misc)
Electronics & Tech (projectors/TVs, laptops, tablets, printers, networking, chargers)	\$10,000 – \$18,000 (varies with how many student tablets vs shared computers, quality of AV setup, etc.)
Safety Gear (hard hats, safety glasses, vests, gloves, ear/dust protection, first-aid, extinguishers, etc.)	\$3,000 – \$5,000 (PPE for ~46 people + spares + communal safety stations)
Hand Tools & Basic Shared Tools	\$2,000 – \$4,000 (assuming bulk-purchase / contractor-grade hand tools for teams)
Power Tools (drills, saws, nail guns, compressors, sanders, shop vacs, etc.)	\$6,000 – \$12,000 (depending on whether you buy new, brand, and how many kits)
Mock-Wall Construction — Lumber, Drywall & Framing Materials (for 8 wall stations)	\$1,500 – \$3,000 (≈ 100–120 studs, drywall sheets, screws, tape, mud, etc.)
Mock-Wall Construction — Doors, Trim, Hardware (8 doors + casing/trim + hardware + shims)	\$800 – \$2,000 (basic prehung doors + trim + hardware; could be more if solid-core)
Mock-Wall Finishing — Paint, Primer, Rollers/Brushes, Drop Cloths, Tape, etc.	\$400 – \$1,200 (enough paint + prep supplies for 8 wall sections + shared painting practice)

Category	Estimated Cost (USD)
Electrical / Plumbing Basic Training Materials	\$500 – \$1,500 (wiring, outlets, switches, pipe/cable, connectors, basic fixture kits)
Workshop / Warehouse Infrastructure (shelving, workbenches, storage, carts, cleanup)	\$4,000 – \$8,000 (industrial-grade shelving, benches, carts, shop vacuums, cleaning supplies)
Consumables & Extras (screws/nails, sandpaper, adhesives, caulk, trash bags, safety signage, cleaning supplies, etc.)	\$1,000 – \$2,000 (bulk consumables for 12 weeks + construction / demo / finishing)
Administrative / Office / Classroom Supplies (binders, clipboards, paperwork, printouts, signage, etc.)	\$400 – \$800

Estimated Total Range: $\approx \$45,000 – \$73,000$

Likely realistic budget ballpark: around $\$55,000 – \$65,000$ for a full boot camp setup + mock-wall build stations + all student PPE / tools / furniture.

Recommended Budget Planning Margin

Because real-world boot camps have unexpected costs (shipping, breakage, consumable overruns, extra materials, replacements, safety stock, waste), It is recommend building in a **~15–25% contingency buffer** above the base estimate.

$\$65,000 – \$70,000$ total to avoid surprises.

Every gift directly supports student training and hands-on learning.

Every dollar given helps fully equip our students—your generosity truly matters.