

Chapter 1 - History, Materials, Jigs, Tools, Shop Safety

- Personal Protective Equipment (PPE):
- 3M Hearing Protection: <https://amzn.to/3Q9XtCq>
- 3M Dust Mask: <https://amzn.to/47iqz9V>
- 3M Respirator: <https://amzn.to/3Q5cmpI>
- 3M Organic Cartridges: <https://www.amazon.com/dp/B00AEFCP0E/>
- 3M Dust Filters (for respirator): <https://amzn.to/3Q6PTZt>
- 3M Dust Filters (for particulate mask): <https://amzn.to/3Q6PTZt>
- 3M Eye Protection: <https://amzn.to/46GtEQT>

Material Suppliers:

- Bow River Wood To Works (now 'Cascadia Woodcraft and Lutherie Supply):
<https://www.cascadiacanada.com/>
- Stewart MacDonald: <https://www.stewmac.com/>
- Certainly Wood: <https://certainlywood.com/>
- Music Spruce Canada: <https://musicsprucecanada.com/>
- Northstar Tonewoods: <https://www.northstartonewoods.com/>
- Joe's Veneer Supplies: <https://www.joewoodworker.com/>
- Schaller Tuning Machines: <https://stewmac.sjv.io/rQBWxG>
- Tailpiece: <https://stewmac.sjv.io/5gxz3n>

Templates, Jigs, etc.

- 1/8" hardboard or MDF: Local Big Box store
- 3/4" MDF sheets: Local Big-box hardware store
- 1/8" hardboard, MDF or acrylic sheets: <https://amzn.to/3QqCEnH>
- Clasps for your clamshell (body mold): <https://amzn.to/3tHX6aG>
- Toggle Clamps (shooting board jig): <https://amzn.to/494obVD>
- 4" Bessey Clamps (~30 for clamping your side veneers) <https://amzn.to/3S3QYDS>
- Double Stick Tape: <https://stewmac.sjv.io/R5WLNb>
- Freud 1/2" Ball Nose Bit (for carving string relief): <https://amzn.to/3FIxkpK>
- Guide Bearing (for above bit): <https://amzn.to/3QG5kJj>
- Amana Template Bit (Router Table): <https://stewmac.sjv.io/y2BO4v>
- Ball Bearing Template Bits: <https://stewmac.sjv.io/k0Nk9n>
- Fret Slotting Table Saw Blade: <https://stewmac.sjv.io/rQB0J5>
- Fret Slotting (Hand Saw - optional): <https://stewmac.sjv.io/oqBGVn>
- Fret Slotting Miter Box (optional): <https://stewmac.sjv.io/R5WLKa>
- Shop Ruler (Centering): <https://stewmac.sjv.io/QyWG0M>
- Luthier's Vice: <https://stewmac.sjv.io/k0NkVn>
- Body Board (for above vice): <https://stewmac.sjv.io/QyWG0M>



- Titebond 1: <https://stewmac.sjv.io/Gm2QQV>
- Coping Saw: <https://stewmac.sjv.io/oqBGGb>
- Digital Caliper: <https://stewmac.sjv.io/Y90jjI>
- Precision Double Square: <https://stewmac.sjv.io/PyWAYz>
- Side Cutters (snips): <https://stewmac.sjv.io/5gxz3D>
- D-Shape Soundhole Template (make your own or contact WhitneyGuitars for custom CNCd template): mike@whitneyguitars.com
- 670mm Fret Scale Template (make your own or contact WhitneyGuitars for custom CNCd template): mike@whitneyguitars.com
- Self Healing Cutting Mat: <https://amzn.to/3FwCRPK>
- Staedtler French Curve Set: <https://amzn.to/46F9erE>
- Staedtler Architect's Pencil: <https://amzn.to/4742Bz3>
- Staedtler Pencil Sharpener: <https://amzn.to/490XXn4>
- Staedtler HB Replacement Lead: <https://amzn.to/49eXhuy>
- Staedtler Vinyl Erasers: <https://amzn.to/3S89tXK>
- Furniture Hardware (bolts): Bigbox / hardware store
- Furniture Hardware (inserts): Bigbox / hardware store
- White chalk: <https://amzn.to/3FrHdYz>
- Light box: <https://amzn.to/3Q2FuOp>
- Spray bottles: <https://amzn.to/45IBNTV>.

Chapter 2 - Veneering

- West Systems 105 and 205: <https://amzn.to/4712ofE>
- Squeegee: <https://amzn.to/3QrTHpm>
- Roarokit Luthier Vacuum Kit: <https://bit.ly/roarokitwg>
- VacuPress (Optional to Roarokit Luthier Vacuum Kit, above): <https://www.vacupress.com/product/compact-150-vacupress-pump/>
- VacuPress Bags: (Optional to Roarokit Luthier Vacuum Kit, above) <https://www.vacupress.com/vacuum-pressing-purchase-bags/>
- 18mm Olfa Knife: <https://amzn.to/3Sf2o81>
- 18mm Olfa Knife Blades: <https://amzn.to/3MaVAUN>
- 9mm Olfa Knife: <https://amzn.to/3Q9F0pJ>
- 9mm Olfa Knife Blades: <https://amzn.to/3QoxOHs>
- Graduated Medicine Cups: <https://amzn.to/46BTIN6>
- Masking Tape: <https://amzn.to/3tQOD4U>
- 36" Steel Rule: <https://amzn.to/3Q9Zleq>
- 18" Steel Rule: stewmac.sjv.io/QyWG0M
- Card Scrapers: <https://stewmac.sjv.io/Gm2QoV>
- Block Plane

Chapter 3 - Constructing the Soundboard

- Acoustic Soundboards (general): <https://stewmac.sjv.io/ZQRmEk>
- Spruce: <https://stewmac.sjv.io/EKWxYK>
- Brace Stock: <https://stewmac.sjv.io/xkRmqv>



- CA GLUE (Thin, Medium, Thick): <https://stewmac.sjv.io/PyWAqQ>
- Accelerator: <https://stewmac.sjv.io/75QD9Q>
- Double Stick Tape: <https://stewmac.sjv.io/R5WLNb>
- 1/2" Diameter Template Bit: stewmac.sjv.io/k0Nk9n
- Bosch Colt Router: <https://stewmac.sjv.io/AWGAQo>
- Plunge Base for Bosch Colt Router: <https://stewmac.sjv.io/EKWxP2>
- Lacquer (general sealing, etc.): <https://stewmac.sjv.io/9gr9d5>
- Glue brushes (glue spreading and/or brushing lacquer): <https://stewmac.sjv.io/5gxqPn>
- Deadblow Hammer (multiple uses throughout; x2 if using hammers for fretwork): <https://stewmac.sjv.io/Vm0Q3R>
- Pressure Dyed Veneers: <https://www.cascadiacanada.com/search?q=veneers>
- Hardbacked Utility Razors: <https://amzn.to/47ed0YL>
- Straightedge: <https://stewmac.sjv.io/MmWgPo>
- Shop Ruler (Centering): <https://stewmac.sjv.io/QyWG0M>

Chapter 4 - The Back

- Brace Stock: <https://stewmac.sjv.io/xkRmqv>
- Titebond 1: <https://stewmac.sjv.io/Gm2QQV>
- Go-bars (optional to hand-made): <https://stewmac.sjv.io/5gxqED>
- Go-bar Deck: <https://stewmac.sjv.io/AWGAeD>
- 3-Piece Inspection Mirror: <https://stewmac.sjv.io/XYKrijM>
- Flat hand-plane: <https://stewmac.sjv.io/21JgzG>
- Two Cherries Brace Chisels: <https://stewmac.sjv.io/4PqL7G>

Chapter 5 - Soundboard Bracing

- No-chip Tuner Hole Countersink: <https://stewmac.sjv.io/Gm2ELV>
- StewMac Angle Gauge: stewmac.sjv.io/OrWzPQ
- Cam Clamps (~18-20 small, 4-6 large): stewmac.sjv.io/KjWgQn
- StewMac Razor Saws: <https://stewmac.sjv.io/PyWBPz>
- StewMac Micro Chisels: stewmac.sjv.io/Vm0gGA
- Two Cherries Wood Chisel Set: stewmac.sjv.io/0Z12eM
- IBEX Carving planes: <https://stewmac.sjv.io/6eD7JK>
- Needle File Set: <https://stewmac.sjv.io/R5WKk9>
- Razor Knife: <https://stewmac.sjv.io/R5WKk9>
- Extension Aircraft Drill Bit: <https://stewmac.sjv.io/QyW0oP>
- Small Japanese Saw: <https://stewmac.sjv.io/k0NVez>
- Engineer Square Set: <https://stewmac.sjv.io/rQBRZR>
- Small Glue Bottles: <https://amzn.to/3tQEcOP>
- 4" Paint Brush: <https://amzn.to/3Qs9If1>
- Toothbrush: <https://amzn.to/3SaR0tv>
- Lee Valley Flat Palm Plane: <https://www.leevalley.com/en-ca/shop/tools/hand-tools/planes/57205-squirrel-tail-palm-planes?item=15P1010>
- Veritas miniature plane: <https://www.leevalley.com/en-ca/shop/tools/hand-tools/minature-tools/planes/70138-veritas-miniature-block-plane?item=05P8220>



- Quick and Spring Clamps: <https://amzn.to/45JWz5x>
- Strop & Honing Compound: <https://amzn.to/3Mes4xE>
- Drawer Liner: <https://amzn.to/3FuN4wq>
- Centre Punch: <https://amzn.to/3s7A6kU>
- Palm plane: <https://amzn.to/3S5kGZb>

Chapter 6 - The Rims

- Digital Angle Finder: <https://amzn.to/465DGdy>

Chapter 7 - Closing the Box

- Dremel
- 1/8" Downcut bit: <https://stewmac.sjv.io/WqQ5OG>
- StewMac Razor Saw .020" : <https://stewmac.sjv.io/PyWBPz>
- Bosch or Makita Trim Router: <https://stewmac.sjv.io/AWGAQo>
- Festool Orbital Sander
- 180-220-320-420 Discs

Chapter 8 - Bindings

- Elevate Lutherie Ultimate Binding Jig: <https://elevatelutherie.com/product/ultimate-binding-jig/>
- Bosch Colt Router: <https://stewmac.sjv.io/AWGAQo>
- StewMac Offset Bearing Kit (Optional, i.e. if using tower and cradle system): <https://stewmac.sjv.io/0Z11ER>
- Wood Binding: <https://stewmac.sjv.io/75QQRg>
- Wood Purfling: <https://stewmac.sjv.io/9gr45>
- StewMac Visor: <https://stewmac.sjv.io/NkmX52>
- Pillar File: <https://stewmac.sjv.io/PyWnj6>
- Preppin' Weapon Sanding Block: <https://amzn.to/470NuXI>
- Riffler Files: <https://amzn.to/49mDkSk>
- Bench Mat: <https://stewmac.sjv.io/R5WEG2>
- Nut Vise: <https://stewmac.sjv.io/nLBV4R>
- Razor Saws: stewmac.sjv.io/PyWBPz
- Lacquer: stewmac.sjv.io/9gr9d5
- Shop Ruler (Centering): <https://stewmac.sjv.io/QyWG0M>
- Lee Valley Carver's Knife: <https://www.leevalley.com/en-ca/shop/tools/hand-tools/carving-tools/knives/31088-veritas-carvers-knife>
- Double Stick Tape: <https://stewmac.sjv.io/R5WLNb>
- Chisels: stewmac.sjv.io/0Z12eM
- LMI Side Bender or equivalent & Heating Blanket
- Spring Steel: <https://amzn.to/49hHsmN>
- StewMac Tape Dispenser: <https://stewmac.sjv.io/xkROev>
- StewMac Tape: <https://stewmac.sjv.io/QyW0a3>
- Bending Iron: <https://stewmac.sjv.io/Gm21km>
- Flexible Ruler: <https://stewmac.sjv.io/MmWEzN>



- StewMac Angle Gauge: stewmac.sjv.io/OrWzPQ
- GlueBot: <https://amzn.to/46ThjJp>
- StewMac Micro Chisels: stewmac.sjv.io/Vm0gGA
- Card Scrapers: <https://stewmac.sjv.io/Gm2QoV>
- Burnisher: <https://stewmac.sjv.io/6eDzjQ>
- Elevate Lutherie Mortise and Tenon Jig: <https://elevatelutherie.com/product/v-mt-routing-jig/>
- Elevate Lutherie Tenon Drilling Jig: <https://elevatelutherie.com/product/variable-mt/>
- Neck Bolt Counterbore: https://elevatelutherie.com/product/neck_bolt_counterbore/
- Digital Angle Finder: <https://amzn.to/465DGdy>
- Ball Bearing Template Bits: <https://stewmac.sjv.io/k0Nk9n>
- Brad-point Bits Metric & Imperial: <https://stewmac.sjv.io/xkRo7R>
- No-chip Countersink Bit: stewmac.sjv.io/Gm2ELV

Chapter 9 - The Fingerboard

- Ebony Fingerboard: <https://stewmac.sjv.io/vNOvEj>
- 670mm fret scale template: Contact Whitney Guitars for custom templates (mike@whitneyguitars.com)
- Fret Slotting Tablesaw Blade: stewmac.sjv.io/rQB0J5
- Fret Saw (handsaw *optional): stewmac.sjv.io/oqBGVn
- Fret slotting mitre box (*optional): stewmac.sjv.io/R5WLKa
- Double Stick Tape: <https://stewmac.sjv.io/R5WLNb>
- Online Calculator (for paper templates of custom scale lengths): <https://www.ekips.org/tools/guitar/fretfind2d/>
- Hardbacked Utility Razors: <https://amzn.to/47ed0YL>
- Radius Sanding Block (i.e. 20" Radius): <https://stewmac.sjv.io/R5WoN2>
- Fret Dot Material: <https://stewmac.sjv.io/KjWG9a>
- Centering Rule: stewmac.sjv.io/QyWG0M
- Brad-point Bits Metric & Imperial: <https://stewmac.sjv.io/xkRo7R>
- StewMac Visor: <https://stewmac.sjv.io/NkmX52>
- Black CA Glue (optional): <https://stewmac.sjv.io/m50v1Z>
- CA GLUE (Thin, Medium, Thick): <https://stewmac.sjv.io/PyWAqQ>
- CA Glue Pipettes (WhipTips): <https://stewmac.sjv.io/jrB4aa>
- CA Glue Accelerator: <https://stewmac.sjv.io/75QD9Q>
- Deadblow Hammer (multiple uses throughout course): <https://stewmac.sjv.io/Vm0Q3R>
- Radius Jig System (*optional): custom made; contact if interested mike@whitneyguitars.com
- Above Jig System requires trim router, i.e. Bosch Colt Router: <https://stewmac.sjv.io/AWGAQo>
- Under-string Radius Gauges: <https://stewmac.sjv.io/m50vJy>
- Amana 1/2" Flush Trim Bit (bottom bearing): <https://stewmac.sjv.io/Y90YYK>

Chapter 10 - The Neck

- Shop Ruler (Centering): <https://stewmac.sjv.io/QyWG0M>
- 14-1/4" 4mm Truss Rod: <https://stewmac.sjv.io/rQ1vqd>
- Digital Caliper: <https://stewmac.sjv.io/Y90jjI>
- Precision Double Square: <https://stewmac.sjv.io/PyWAYz>
- Engineer Square Set: <https://stewmac.sjv.io/rQBRZR>



- Bessy Clamps (long): <https://amzn.to/3S3gszF>
- Titebond 1: <https://stewmac.sjv.io/Gm2QQV>
- Whiteside 3/8" template bits: <https://stewmac.sjv.io/k0Nk9n>
- Bosch Colt Router: <https://stewmac.sjv.io/AWGAQo>
- 1/2" Freud Ballnose template bit
- Safe-T Planer: <https://stewmac.sjv.io/q46M4N>
- StewMac's Tape Deck: <https://stewmac.sjv.io/xkROev>
- Small Beasley Clamps: <https://stewmac.sjv.io/750Pad>
- StewMac flexible rule: <https://stewmac.sjv.io/MmWEzN>
- Dragon rasps (large coarse and large fine): <https://stewmac.sjv.io/zN5vx6>
- Card scraper: <https://stewmac.sjv.io/Gm2QoV>
- Fret dot material: <https://stewmac.sjv.io/Jzdnz7>
- Side dot material: <https://stewmac.sjv.io/VmDPmM>
- Fret Jaws (optional): <https://stewmac.sjv.io/zNmMNW>
- CA Glue: <https://stewmac.sjv.io/PyWAqQ>
- Tuning Machines: <https://stewmac.sjv.io/rQBWxG>
- Flush fret cutters: <https://stewmac.sjv.io/oq6MqE>
- 0148 fret wire: <https://stewmac.sjv.io/0ZKqZE>
- 0150 fret wire: <https://stewmac.sjv.io/EKdBKQ>
- Small Japanese Saw: <https://stewmac.sjv.io/k0NVEz>
- Needle files: <https://stewmac.sjv.io/R5WKk9>
- Fret bevelling files: <https://stewmac.sjv.io/6eMjyb>
- Fret end dress file: <https://stewmac.sjv.io/210Daa>
- Flat levelling file blocks: <https://stewmac.sjv.io/vN6MPy>
- Fret bender: <https://stewmac.sjv.io/jr6br6>
- Dead blow hammer: <https://stewmac.sjv.io/Vm0Q3R>
- Spokeshave: i.e. Veritas <https://www.leevalley.com/en-ca/shop/tools/hand-tools/spokeshaves/62800-veritas-large-spokeshave>

Chapter 11 - The Bridge

- Nut vice: <https://stewmac.sjv.io/nLBV4R>
- Flexible rule: <https://stewmac.sjv.io/MmWEzN>
- Card scraper: <https://stewmac.sjv.io/Gm2QoV>
- Ultimate Card Scrapers (optional): <https://stewmac.sjv.io/KjvGB9>
- Burnisher: <https://stewmac.sjv.io/6eDzjQ>
- Dragon rasps (large coarse and large fine): <https://stewmac.sjv.io/zN5vx6>

Chapter 12 - Hardware

- Schaller Tuning Machines: <https://stewmac.sjv.io/rQBWx>
- Selmer style Tailpiece: <https://stewmac.sjv.io/5gxz3n>



Chapter 13 - Final Setup

- Nut Blank: <https://stewmac.sjv.io/DKdoVb>
- Visor: <https://stewmac.sjv.io/NkmX52>
- Digital Caliper: stewmac.sjv.io/Y90jjJ
- String Spacing Rule: stewmac.sjv.io/jr6bWZ
- Stew Mac Nut Vise: <https://stewmac.sjv.io/nLBV4R>
- Nut Slotting Files: <https://stewmac.sjv.io/eKZz4Q>
- Gypsy Jazz Strings (10s or 11s): <https://amzn.to/3Hlr4VC>
- Nut Seating files: <https://stewmac.sjv.io/QydDOx>
- Pillar File: <https://stewmac.sjv.io/PyWnj6>
- Orange Tape: <https://stewmac.sjv.io/QyW0a3>
- Tape Dispenser: <https://stewmac.sjv.io/xkROev>
- Levelling Beams: <https://stewmac.sjv.io/5g0rb3>
- 320 Sandpaper Rolls 3M Stickit Sandpaper: <https://stewmac.sjv.io/anGg1o>
- Fret Crowning Files: <https://stewmac.sjv.io/1rdx5x>
- Triangular File: <https://stewmac.sjv.io/XY9kxb>
- Scotch-Brite Pads: <https://stewmac.sjv.io/oq6MeE>
- Clapham's Beeswax Polish: <https://www.leevalley.com/en-ca/shop/tools/supplies/finishing/finishes/20089-beeswax-polish>

Chapter 14 - Fitting and Slotting the Bridge

- String Spacing Rule: stewmac.sjv.io/jr6bWZ
- Under-string Radius Gauge: <https://stewmac.sjv.io/m50vJy>
- Radius Gauges: <https://stewmac.sjv.io/ba1Xab>
- Stew Mac Nut Vise: <https://stewmac.sjv.io/nLBV4R>
- Nut Slotting Files: <https://stewmac.sjv.io/eKZz4Q>
- Centering Rule: <https://stewmac.sjv.io/QyWG0M>

Chapter 15 - Setting Neck Relief

- Gypsy Jazz Strings (10s or 11s): <https://amzn.to/3Hlr4VC>
- String winder: <https://stewmac.sjv.io/vN6MNY>
- Shellac: <https://stewmac.sjv.io/daJBa7>
- Black Tint: <https://stewmac.sjv.io/y26M2b>

Bonus Items - Large and Misc. Tools in Michael's Shop

- CNC: AXIOM AR8 PRO (Canada: <https://www.axiomprecision.ca/?acc=c0c7c76d30bd3dcaefc96f40275bdc0a>) (USA: <https://www.axiomprecision.com/?acc=7cbbc409ec990f19c78c75bd1e06f215>)
- Rikon 14" Bandsaw: <https://www.rockler.com/riikon-10-326-deluxe-14-bandsaw>
- Rikon 10" Bandsaw: <https://amzn.to/3s0nmwr>
- Kregg Router Table Stand: <https://amzn.to/46A1jf8>



- Kregg Router Table Top: <https://amzn.to/406fDJW>
- Kregg Router Table Fence: <https://amzn.to/3s0s4ug>
- Triton Router: <https://amzn.to/3s3bxpo>
- Rikon Drill Press: <https://www.leevalley.com/en-ca/shop/tools/power-tools/drills/76232-riikon-12-inch-variable-speed-drill-press?item=03J7390>
- Rikon Belt Sander: <https://www.rockler.com/riikon-6-x-48-sander>
- WEN Spindle Sander: <https://amzn.to/3QrWzm8>
- SuperMax 19" Drum Sander: <https://www.rockler.com/supermax-19-38-drum-sander>
- Dewalt Thickness Planer: <https://amzn.to/3tEst5T>
- Dewalt Tablesaw: <https://amzn.to/48XIIKX>
- Scroll Saw: <https://amzn.to/3rVcRL5>
- Rubber Mats: <https://amzn.to/48XpfuJ>
- Moisture meter: <https://amzn.to/3FMNNJz>
- Hygrometer (shop or home): <https://stewmac.sjv.io/9gr2m5>
- Two Cherries Wood Chisel Set: stewmac.sjv.io/0Z12eM
- StewMac Tape Dispenser: <https://stewmac.sjv.io/xkROev>
- StewMac Tape: <https://stewmac.sjv.io/QyW0a3>
- StewMac Straightedge: <https://stewmac.sjv.io/MmWgPo>
- StewMac Visor: <https://stewmac.sjv.io/NkmX52>

