



**California Blacksmith Association**  
**Level 1 Certification**

Student Name \_\_\_\_\_

CBA #	LEVEL 1 PROJECT LIST	Material	Date	Location	Instructor Name/Signature
1.0.1	Safety				
1.0.2	Nomenclature anvil, forge & vise				
1.0.3	Hammers and types of hammer blows				
1.0.4	Chisel, square & round point tapers	1/2 inch square			
1.0.5	Staple; 1 1/8" ID	7 inch 5/16 round			
1.0.6	S-Hook; 1" ID	8 inch 5/16 round			
1.0.7	Taper project: Leaf or Hook or other	1/2 inch round			
1.0.8	Hand Held center punch or round punch	4141 (sucker), 6 1/2"			
1.0.9	Hand held chisel	4140 (sucker), 7 1/2"			
1.0.10	Hammer eye drift - short	4140 (sucker), 6.5"			
1.0.11	Slotting punch to make hammer eye; 7/8x1/8 inch	4140, 7 1/2"			
1.0.12	Heat treat cold chisel, center punch				
1.0.13	Monkey Tool 5/16 or Top Tool	1 inch square; case harden			
1.0.14	Hand-held Fuller/simple bottom fuller 1/4"	4140, 7 1/2"			
1.0.15	Round Tenon 3/16" tenon diameter	3/8 round			
1.0.16	Round Drift (also called Pin Drift)	1/2 inch round bar; upset middle			
1.0.17	Forge weld: Spoon or Trivet and Chain links	3/8 round			
1.0.18		6 inch 3/8 round			
1.0.19	Barbed gate hook; tenon				
1.0.15					



**California Blacksmith Association**  
**Level 2a Certification**

Student Name \_\_\_\_\_

CBA #	<b>LEVEL 2a PROJECT LIST</b>	Date	Location	Instructor Name/Signature
2.0.2	Ring Project			
2.0.3	Basket Handled Poker (forge welding)			
2.0.4	Scrolling fork (case hardening, forging to dimension)			
2.0.5	Scrolling jig			
2.0.6	Rectangular Frame (to size of grille)			
	1 Square or upset corners			
	2 Mortise and tenon			
2.0.7	Scrolling Tongs			
2.0.8	<b>SCROLLS:</b>			
	1 Ribbon scroll			
	2 Fish Tail			
	3 Snubbed end - Half Penny & Snub End			
	4 Beveled Scrolls – Beveled & Beveled Leaf			
2.0.9	Collars and collar mandrel			
2.0.10	Drifts - square and diamond			
2.0.11	Bolster plate			
2.0.12	Punched and drifted holes (round, square & diamond holes) in square, round and flat stock			
2.0.13	Upset square corners (upset pre and post bend, forging to dimension)			
2.0.14	Complete the Level-II Grille (forging to dimension)			



**California Blacksmith Association**  
**Level 2b Certification**

Student Name \_\_\_\_\_

<b>CBA #</b>	<b>LEVEL 2b PROJECT LIST</b>	<b>Date</b>	<b>Location</b>	<b>Instructor Name/Signature</b>
2.1.2	Tapered Hammer-eye Drift			
2.1.3	Leafing hammer (Using tools from level I)			
2.1.4	Crimping Stake			
2.1.5	Leafing stake			
2.1.6	Chisels for cold work – Cape, Gauge and Diamond (needed for heading plate)			
2.1.7	Making a heading plate for bottom tools (Benchwork)			
2.1.8	Filing			
2.1.9	Top and Bottom tools (case hardening)			
2.1.10	Welded Collar – as used in level-III Grille			
2.1.11	Bolster for angled pass-throughs			
2.1.12	Angled Pass-throughs			
2.1.13	'V' Swage for punching and drifting across corners			
2.1.14	Student will make a pair of box jaw tongs to fit 3/4 by 1/4 in flat stock with forge welded reins			

