

CCBANTA - MELODIC PERCUSSION SCALE SETS - DETAIL PLAN											
Peterson Freq-to-Cent converter:		<a href="http://www.petersontuners.com/index.cfm?category=15">http://www.petersontuners.com/index.cfm?category=15</a>									
Frequency to Musical Notes (and offset)		<a href="http://www.sengpielaudio.com/calculator-centsratio.htm">http://www.sengpielaudio.com/calculator-centsratio.htm</a>									
5-TONE EQUAL - 2 OCTAVE - Bar Sizing & Tuning Calculation											
			TOTAL QTY	OCT NO	PITCH	FREQ	CENTS	BAR LENGTH	BAR WIDTH	SPACE BETWEEN BARS	
Pitch Std	A=440Hz	TENOR C	1	1	C3	130.80	C0	14.00	2	0.5	
Magnitude:	2		2	2		150.25	D +40	13.30	2	0.5	
Factor:	1.148698355		3	3		172.59	F -20	12.60	2	0.5	
Cents/Note:	240		4	4		198.26	G +20	11.90	2	0.5	
1200	5		5	5		227.74	A# -40	11.20	2	0.5	
		MIDDLE C	6	1	C4	261.60	C0	10.50	2	0.5	
			7	2		300.50	D +40	9.80	1.75	0.5	
			8	3		345.18	F -20	9.10	1.75	0.5	
			9	4		396.51	G +20	8.40	1.75	0.5	
			10	5		455.47	A# -40	7.70	1.75	0.5	
		TREBLE C	11	1	C5	523.20	C0	7.00	1.75	0.5	
		Bar Length difference factor -->				0.7	Total bar widths-->		20.75	5.5	<--Total spaces
							Total Spaces -->		5.5		
							Total Bar Widths + Spaces-->		26.25		
											