

## Basics Series / Counting Timing Patterns / Basic Grid

HS

Basics 1	58	62	70	83	90	100	125	140	150	165	186	
Basics 2	60	64	70	76	84	92	98	112	124	132	144	
Basics 3	58	62	70	83	90	100	125	140	150	165	186	
Basics 4	58	62	70	83	90	100	125	140	150	165	186	
Basics 5	dotted half	34	38	45	50	54	58	68	72	78	88	96
Basics 6		46	50	58	64	70	76	80	88	94	100	108
Basics 7		60	64	70	76	84	92	98	112	124	132	144
Basics 8	8th note	58	62	70	83	90	100	110	124	133	146	162
Basics 9		50	54	58	68	72	78	88	96	110	120	132
Basics 10		56	60	72	88	102	114	126	136	144	160	172
Basics 11		60	64	70	76	84	92	98	112	124	132	144
Basics 12		54	58	68	72	78	86	94	108	118	130	140
Basics 13		58	62	70	83	90	100	125	140	150	165	186
Basics 14		46	50	56	60	68	72	78	88	96	110	116
Basics 15		54	58	65	70	74	80	86	92	100	108	112
Basics 16		56	60	72	88	102	114	126	144	168	182	200+
Basics 17		56	60	72	88	102	114	126	144	168	182	200+
Counting/Timing Pattern #1		56	60	72	88	102	114	126	144	168	182	200
Counting/Timing Pattern #2		56	60	72	88	102	114	126	144	168	182	200
Counting/Timing Pattern #3		56	60	72	88	102	114	126	144	168	182	200
Counting/Timing Pattern #4		56	60	72	88	102	114	126	144	168	182	200
Counting/Timing Pattern #5		56	60	72	88	102	114	126	144	168	182	200
Counting/Timing Pattern #6		56	60	72	88	102	114	126	144	168	182	200
Counting/Timing Pattern #7		56	60	72	88	102	114	126	144	168	182	200
Counting/Timing Pattern #8		56	60	72	88	102	114	126	144	168	182	200
Counting/Timing Pattern #9		56	60	72	88	102	114	126	144	168	182	200
Counting/Timing Pattern #10		56	60	72	88	102	114	126	144	168	182	200
Counting/Timing Pattern #11		56	60	88	102	114	126	140	152	172	188	196
Counting/Timing Pattern #12		56	60	88	102	114	126	140	152	172	188	196
Counting/Timing Pattern #13		56	60	88	102	114	126	140	152	172	188	196
Counting/Timing Pattern #14		56	60	88	102	114	126	140	152	172	188	196
Counting/Timing Pattern #15		56	60	88	102	114	126	140	152	172	188	196
Counting/Timing Pattern #16		56	60	72	88	110	120	132	140	156	170	188
Counting/Timing Pattern #17		56	60	72	88	110	120	132	140	156	170	188
Counting/Timing Pattern #18		56	60	72	88	110	120	132	140	156	170	188
Counting/Timing Pattern #19		56	60	72	88	110	120	132	140	156	170	188
Counting/Timing Pattern #20		56	60	72	88	110	120	132	140	156	170	188
Counting/Timing Pattern #21		56	60	72	88	110	120	132	140	156	170	188
4/3 1 4grid 1 accent		58	62	70	83	90	100	110	124	133	146	162
4/3 2 3grid 1 accent		60	64	72	84	94	102	114	126	142	160	178
4/3 3 4grid 2 accent		58	62	70	83	90	100	110	124	133	146	162
4/3 4 3 grid 2 accent		54	58	68	72	78	86	94	108	118	130	140
4/3 5 4grid 1 diddle		50	58	65	78	88	96	108	116	128	136	156
4/3 6 3grid 1 diddle		58	62	70	83	90	100	110	124	133	146	162
4/3 7 4grid 2 diddle		50	58	65	78	88	96	108	116	128	136	156
4/3 8 3grid 2 diddle		58	62	70	83	90	100	110	124	133	146	162
4/3 9 4grid 1 diddle 1 accent move		50	58	65	72	82	94	104	112	124	130	148
4/3 10 3grid 1 diddle 1 accent move		50	58	65	78	88	96	108	116	128	136	156
4/3 11 4grid 1 diddle 1 accent move		50	58	65	72	82	94	104	112	124	130	148
4/3 12 3grid 1 diddle 1 accent move		50	58	65	78	88	96	108	116	128	136	156
4/3 13 4grid 1 flam		50	54	58	68	72	78	88	96	110	120	132
4/3 14 3grid 2 flam		58	62	70	83	90	100	125	140	150	165	186
4/3 15 4grid 2 flam		50	54	58	68	72	78	88	96	110	120	132
4/3 16 3grid 1 flam		54	58	68	72	78	86	94	108	118	130	140
4/3 17 4grid 1 flam 1 accent mvmt		54	58	68	72	78	86	94	108	118	130	140
4/3 18 3grid 1 flam 1 accent mvmt		50	58	65	78	88	96	108	116	128	136	156
4/3 19 4grid 2 flam 1 accent mvmt		54	58	68	72	78	86	94	108	118	130	140
4/3 20 3grid 2 flam 1 accent mvmt		50	58	65	78	88	96	108	116	128	136	156
4/3 21 4grid combo basic cheese		54	58	68	72	78	86	94	108	118	130	140
4/3 22 3grid combo basic cheese		50	58	65	78	88	96	108	116	128	136	156
4/3 23 4grid combo basic cheese 5		54	58	68	72	78	86	94	108	118	130	140
4/3 24 3grid combo basic cheese 5		50	58	65	78	88	96	108	116	128	136	156

## Drumline Ensemble Exercises

HS

Plano 8s	58	62	70	83	90	100	110	124	133	146	162
Stock 8s & Bucks	56	60	72	88	102	114	126	136	144	160	172
Language	54	58	68	72	78	86	94	108	118	130	140
ABC	50	58	65	78	88	96	108	116	128	136	156
Plano Double Beat	60	64	70	76	84	92	98	112	124	132	144
Shups	58	62	70	83	90	100	110	124	133	146	162
Goldschlepper	50	58	65	72	82	94	104	112	124	130	148
Hub Dub	60	64	70	76	84	92	112	120	124	132	144
PR Singles	60	64	70	76	84	92	98	112	124	132	144
Street Singles	50	54	58	68	72	78	88	96	110	120	132
Rennick Diddles 1	66	70	86	96	104	112	120	132	148	156	164
Rennick Diddles (Diddle Shift)	58	62	70	83	90	100	110	124	133	146	162
Plano Band 1 & 1s	66	70	86	96	104	112	120	132	148	156	164
Plano Band 2 & 2s	66	70	86	96	104	112	120	132	148	156	164
Plano Band 4 & 4s	66	70	86	96	104	112	120	132	148	156	164
Triplet Diddle	50	58	65	78	88	96	108	116	128	136	156
Triplet Rolls	50	58	65	78	88	96	108	116	128	136	156
Taps/Accents	60	64	72	84	94	102	114	126	142	160	178
Accents/Drags	58	62	70	83	90	100	110	124	133	146	162
Accents/Fives	58	62	70	83	90	100	110	124	133	146	162
Accents/Flams	54	58	68	72	78	86	94	108	118	130	140
Accents/Drags/Fives	58	62	70	83	90	100	110	124	133	146	162
Accents/Flams/Drags/Fives	56	60	69	78	84	96	104	116	126	138	150
Fives	46	50	58	64	70	76	80	88	94	100	108

## Hybrid Rudiment / Advanced Timing / Advanced Scale Objectives

Rudiment Settings (packet)	Qtr on Met	Start	HS									
			Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Level 9	Level 10
<b>Non-Flammed</b>												
Inverted Roll   Diddle Shift (slow/fast)		66:	70:	90:	110:	128:	148:	160:	168:	176:	190:	206:
1-2-3s   Shirley Murphy		60:	64:	70:	76:	82:	94:	108:	120:	148:	160:	176:
Egg Beaters		60:	64:	72:	84:	94:	102:	114:	126:	142:	178:	198:
Insh Fives		62:	66:	82:	94:	106:	120:	134:	146:	166:	184:	202:
Single Hand Stroke Roll		56:	60:	64:	70:	76:	82:	86:	98:	112:	120:	132:
<b>Roll Lengths (Diddle Shift)</b>												
5 Stroke Roll (duple)-diddle shift		56:	60:	64:	70:	76:	82:	86:	98:	112:	120:	132:
5 Stroke Roll (triple)-diddle shift		56:	60:	64:	70:	76:	82:	86:	98:	112:	120:	132:
6 Stroke Roll (in grid)-diddle shift		54:	58:	68:	72:	78:	86:	90:	98:	102:	108:	110:
7 Stroke Roll (in grid)-diddle shift		54:	58:	68:	72:	78:	86:	90:	98:	102:	108:	110:
9 Stroke Roll-diddle shift		54:	58:	68:	72:	78:	86:	90:	98:	102:	108:	110:
10 Stroke Roll-diddle shift		54:	58:	68:	72:	78:	86:	90:	98:	102:	108:	110:
11 Stroke Roll-diddle shift		54:	58:	68:	72:	78:	86:	90:	98:	102:	108:	110:
13 Stroke Roll-diddle shift		54:	58:	68:	72:	78:	86:	90:	98:	102:	108:	110:
15 Stroke Roll-diddle shift		54:	58:	68:	72:	78:	86:	90:	98:	102:	108:	110:
17 Stroke Roll-diddle shift		54:	58:	68:	72:	78:	86:	90:	98:	102:	108:	110:
<b>Diddle Rudiments</b>												
Parabuzz (slow/fast)		50:	54:	58:	68:	72:	78:	88:	96:	110:	120:	132:
Cheese Paradiddle		50:	54:	58:	68:	72:	78:	88:	96:	110:	120:	132:
Flammed Double Paradiddle (slow/fast)		50:	54:	58:	68:	72:	78:	88:	96:	110:	120:	132:
Cheese Double Paradiddle (slow/fast)		50:	54:	58:	68:	72:	78:	88:	96:	110:	120:	132:
Flammed Triple Paradiddle (slow/fast)		50:	54:	58:	68:	72:	78:	88:	96:	110:	120:	132:
Cheese Triple Paradiddle (slow/fast)		50:	54:	58:	68:	72:	78:	88:	96:	110:	120:	132:
<b>Flammed Rudiments (Duple)</b>												
Paradiddle Flam Taps (slow/fast)		50:	54:	58:	68:	72:	78:	88:	96:	110:	120:	132:
Flammed Flam Taps (slow/fast)		54:	58:	68:	72:	78:	82:	90:	96:	104:	110:	116:
Cheesed Pataflafas (slow/fast)		50:	54:	58:	68:	72:	78:	88:	96:	110:	120:	132:
Hand-to-Hand Pataflafas (slow/fast)		50:	54:	58:	68:	72:	78:	88:	96:	110:	116:	120:
Cheesed Hand-to-Hand Pataflafas (slow/fast)		50:	54:	58:	68:	72:	78:	88:	96:	110:	110:	116:
Pataflafa 6 Stroke Roll (slow/fast)		50:	54:	58:	68:	72:	78:	88:	96:	110:	110:	116:
Pataflafa 6 Stroke Roll Hand-to-Hand (slow/fast)		50:	54:	58:	68:	72:	78:	88:	96:	110:	110:	116:
Book Reports (slow/fast)		50:	54:	58:	68:	72:	78:	88:	96:	110:	110:	116:
Fla-Flam Drag (slow/fast)		50:	54:	58:	68:	72:	78:	88:	96:	110:	110:	116:
Cheesed Inverted Flam Taps (slow/fast)		50:	54:	58:	68:	72:	78:	88:	96:	110:	110:	116:
<b>Flammed Rudiments (Triple)</b>												
Flammed 3 Stroke Roll (slow/fast)		58:	62:	70:	83:	100:	120:	140:	172:	190:	212:	230:
Inverted Flammed 3 Stroke Roll (slow/fast)		66:	70:	85:	98:	107:	120:	132:	156:	172:	190:	216:
Flammed 5 Stroke Roll (slow/fast)		58:	62:	70:	83:	90:	100:	125:	140:	150:	165:	186:
Ta-Chuta (slow/fast)		58:	62:	70:	83:	100:	120:	140:	172:	190:	212:	230:
Ta-Cheese (slow/fast)		58:	62:	70:	83:	100:	120:	140:	172:	190:	212:	230:
Ta-Charles (slow/fast)		58:	62:	70:	83:	100:	120:	140:	172:	190:	212:	230:
Chuh-Chuta (slow/fast)		58:	62:	70:	83:	100:	120:	140:	172:	190:	212:	230:
Chuh-Cheese (slow/fast)		58:	62:	70:	83:	100:	120:	140:	172:	190:	212:	230:
Chuta-Chuh (slow/fast)		58:	62:	70:	83:	100:	120:	140:	172:	190:	212:	230:
Cheesed Chuta-Chuh		58:	62:	70:	83:	100:	120:	140:	172:	190:	212:	230:
Chuta-Chuh Hand-to-Hand (slow/fast)		58:	62:	70:	83:	100:	120:	140:	172:	190:	212:	230:
Cheesed Chuta-Chuh Hand-to-Hand (slow/fast)		58:	62:	70:	83:	100:	120:	140:	172:	190:	212:	230:

## Rudiment / Timing / Scale Objectives

HS

Single Stroke Roll	66	70	90	110	128	148	160	168	176	190	206
Single Stroke Four	60	64	70	76	82	94	108	120	148	160	176
Single Stroke Seven	60	64	72	84	94	102	114	126	142	178	198
Triple Stroke Roll	62	66	82	94	106	120	134	146	166	184	202
Double Stroke Roll	66	70	85	98	107	120	132	156	172	190	216
5 Stroke Roll (duple)	54	58	66	72	80	92	102	116	128	148	168
5 Stroke Roll (triple)	58	62	70	83	90	100	110	124	133	146	162
6 Stroke Roll (in grid)	54	58	68	72	78	86	94	108	118	130	140
7 Stroke Roll (in grid)	54	58	68	72	78	86	94	108	118	130	140
9 Stroke Roll	54	58	68	72	78	86	94	108	118	130	140
11 Stroke Roll	50	54	58	68	72	78	88	96	110	120	132
13 Stroke Roll	50	54	58	68	72	78	88	96	110	120	132
15 Stroke Roll	50	54	58	68	72	78	88	96	110	120	132
17 Stroke Roll	50	54	58	68	72	78	88	96	110	120	132
Paradiddles (slow/fast)	56	60	72	88	102	114	126	144	168	182	200
Double Paradiddles (slow/fast)	56	60	72	88	102	114	126	136	144	160	172
Triple Paradiddles (slow/fast)	56	60	72	88	102	114	126	136	144	160	172
Paradiddle-diddle (slow/fast)	56	60	72	88	102	124	134	155	172	190	210
Alternating Flams	56	60	72	88	102	124	136	146	158	172	190
Flam Accent	58	62	70	83	90	100	125	140	150	165	186
Flam Tap	60	64	70	76	84	92	98	112	124	132	144
Flamacue (slow/fast)	56	60	72	88	102	114	126	144	168	182	200
Flam Paradiddle (slow/fast)	56	60	72	88	102	114	126	144	168	182	200+
Flammed Mill (slow/fast)	56	60	72	88	102	114	126	144	168	182	200+
Flam Paradiddle-diddle (slow/fast)	56	60	72	88	102	114	126	144	168	182	200+
Pataflafla (slow/fast)	54	58	68	72	78	86	94	108	118	130	140
Swiss Army Triplets (slow/fast)	62	66	82	94	106	120	134	146	166	184	202
Inverted Flam Tap (slow/fast)	66	70	84	90	106	120	146	166	184	202	230
Flam Drag (slow/fast)	58	62	70	83	100	120	140	172	190	212	230
Alternating Drags (slow/fast)	58	62	70	83	100	120	128	148	168	182	200
Tap Drags (slow/fast)	76	80	90	106	120	146	166	184	202	220	236
C Major / A minor	58	62	70	83	100	120	140	172	190	212	230
Db Major / Bb minor	58	62	70	83	100	120	140	172	190	212	230
D Major / B minor	58	62	70	83	100	120	140	172	190	212	230
Eb Major / C minor	58	62	70	83	100	120	140	172	190	212	230
E Major / C# minor	58	62	70	83	100	120	140	172	190	212	230
F Major / D minor	58	62	70	83	100	120	140	172	190	212	230
Gb Major / Cb minor	58	62	70	83	100	120	140	172	190	212	230
G Major / E minor	58	62	70	83	100	120	140	172	190	212	230
Ab Major / F minor	58	62	70	83	100	120	140	172	190	212	230
A Major / F# minor	58	62	70	83	100	120	140	172	190	212	230
Bb Major / G minor	58	62	70	83	100	120	140	172	190	212	230
B Major / G# minor	58	62	70	83	100	120	140	172	190	212	230