

Pocket Operations

A Collection of Drum Machine Patterns

Resources: Websites

- The Dubroom Studio studio.dubroom.org
- Ethan Hein ethanhein.com
- 808 Patterns 808.pixil.de
- Funklet funklet.com
- Shedo Music users.skynet.be/shedo
- Tuts Plus music.tutsplus.com
- Music Radar musicradar.com
- Attack Magazine attackmagazine.com
- Modelblast facebook.com/modelblast
- Subaqueous Music subaqueousmusic.com
- You Suck at Producing yousuckatproducing.com

Pocket Operations

Collected by Paul Wenzel in Minneapolis, MN, USA

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Additional copies can be found at <https://shittyrecording-studio>

Resources: Tutorials

So you want to be a better drum programmer eh?

<https://reddit.com/540dve>

You Suck at Producing - Creating Drum Beats

<https://youtu.be/EILEUJCbduU>

How to Write Drum Beats

<http://mccormick.cx/news/entries/how-to-write-beats>

How to Play Ghost Notes on Your Snare Drum

<https://youtu.be/fFIIZK7a3nI>

A Guide to Ghost Snares in MIDI

<https://music.tutsplus.com/tutorials/a-guide-to-ghost-snares-in-midi-audio-4126>

PO-12 Rhythm Master Class

<https://itunes.apple.com/us/book/po-12-rhythm/id972713257>

Korg Volca Beats - The Expert Guide

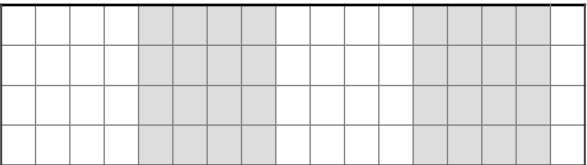
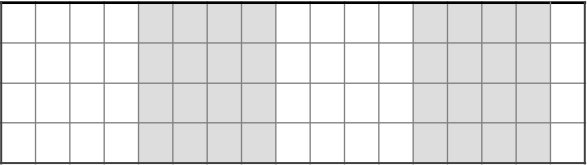
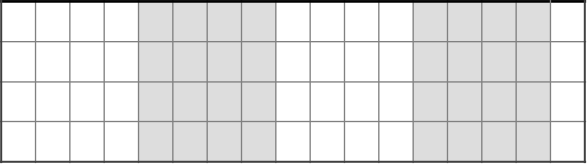
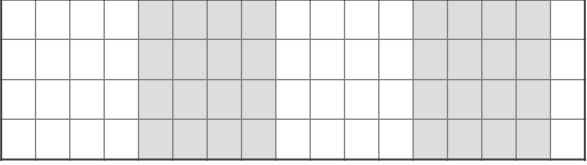
<https://itunes.apple.com/us/book/korg-volca-beats-the-expert-guide/id1089524924>

Korg Volca Sample - The Expert Guide

<https://itunes.apple.com/us/book/korg-volca-sample-the-expert-guide/id1293675150>

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Your Patterns



Drum Rolls

DRUM ROLL 18

SN	1					7									
BD			3	5			9	11					15		
CY	1					7							13		

DRUM ROLL 19

SN	1	2				7	8					13	14		
BD			3	5			9	11					15		
CY			3	5			9	11					15		

DRUM ROLL 20

HT			3	5											
MT						7								15	
LT															16
SN	1						9	11					14		
BD		2	4	6	8		10	12	13						
CY							9								

Instructions

Patterns included in this book should work with the majority of drum machines or digital audio workstations. Bring your own BPM and swing.

Each grid represents a 16-beat measure:

EXAMPLE PATTERN

BD	1									9					
SN							5						13		
CH	1		3	5	7		9	11		13		14			

Each row represents an instrument:

BD	Bass Drum	SN	Snare
LT	Low Tom	RS	Rimshot
MT	Medium Tom	CB	Cowbell
HT	High Tom	CY	Cymbal
CL	Hand Clap	OH	Open High Hat
SH	Shaker	CH	Closed High Hat

An empty box is simply a rest.

Accented notes ^ can be emphasized, applying a parameter change or effect.

Chain patterns marked “A” or “B” consecutively to make longer tracks.

“||” indicates a repeated short set of notes, sometimes called “ratchet” or “beat repeat”.

Drum Rolls

DRUM ROLL 14

AC							∨	∨														
HT									10	11	12	13										
MT												14	15									
LT																						16

DRUM ROLL 15

AC																						
HT														2								
MT																						
LT															4							
SN																5						1

DRUM ROLL 16

SN																						
BD																	5					
CH																						3
CV																						5

DRUM ROLL 17

HT																						
MT																						
SN																						
CV																						

Drum Rolls

DRUM ROLL 11

AC				^					^					^	
HT		2												14	
MT				5			8								
LT										11				15	16
SN	1			4			7			10			13		
BD			3			6			9			12			

DRUM ROLL 12

AC			^						^					^	
HT			3						10						
MT										11			13		
LT										12			14	15	
SN	1	2						9					13		
BD					5		7								
CY					5		7								

DRUM ROLL 13

AC					^										
HT		2													
MT						6			10						
LT														14	
SN	1				5			9					13		
BD			3	4			7	8			11	12		15	16

Basic Patterns

ONE AND SEVEN & FIVE AND THIRTEEN

BD	1									7					
SN						5								13	

BOOTS N' CATS

BD	1												9		
SN						5								13	
CH	1		3		5		7		9		11		13		14

SYNTHWAVE

BD	1												9			
SN						5								13		
CH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
OH															14	

NEW WAVE

BD	1							7		9	10					
SN						5								13		
CH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
OH				3												
SH						5								13		

Drum Rolls

DRUM ROLL 5

AC					^									
HT	1													
MT				5			9		11					
LT											13		15	

DRUM ROLL 6

AC					^									
HT	1													
MT				5			9		11					
LT											13		15	

DRUM ROLL 7

AC														^
HT			3											
MT				4			7	8						
LT										11	12		14	
SN	1				5			9				13		

Rock

ROCK 1

BD	1						8	9		11				
SN					5							13		
CY	1													
CH	1		3		5		7		9		11		13	15

ROCK 2

BD	1						8	9		11				
SN					5							13		
CH	1		3		5		7		9		11		13	15

ROCK 3

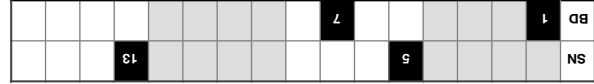
BD	1						8	9		11				
SN					5							13		
OH														15
CH	1		3		5		7		9		11		13	15

ROCK 4

BD	1						8	9		11				
SN					5							13	15	16
OH													15	
CH	1		3		5		7		9		11		13	15

Electro

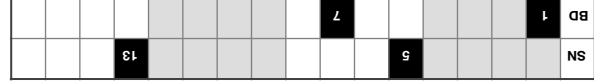
ELECTRO 1 - A



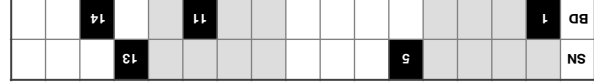
ELECTRO 1 - B



ELECTRO 2 - A

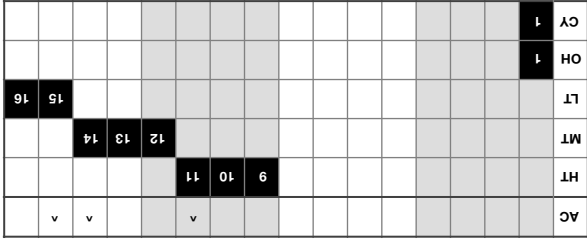


ELECTRO 2 - B



Drum Rolls

DRUM ROLL 1



DRUM ROLL 2



DRUM ROLL 3



DRUM ROLL 4



Breaks - Kick

CONTEMPORARY KICK 3 - A

BD	1									11					
SN						5									15

CONTEMPORARY KICK 3 - B

BD	1									9		11			
SN						5									13

CONTEMPORARY KICK 4

BD	1									9					
SN						5						11			

Electro

ELECTRO 3 - A

SN										5									13		
BD	1													7					12		

ELECTRO 3 - B

SN										5									13		
BD	1													7					12		14

ELECTRO 4

SN										5									13		
BD	1													7					11		14

House

HOUSE

BD	1					5																
SN																						
CY																						1
OH																						

HOUSE 2

BD	1					5																
SN																						
CH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16						
OH																						

BRIT HOUSE

BD	1					5																
CL																						
CY																						
CH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16						
OH																						

FRENCH HOUSE

BD	1					5																
CL																						
SH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16						
CH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16						
OH																						

Breaks - Kick

CONTEMPORARY KICK 1 - A

BD	1																					
SN																						

CONTEMPORARY KICK 1 - B

BD																						
SN																						

CONTEMPORARY KICK 2 - A

AC																						
BD																						
SN																						

CONTEMPORARY KICK 2 - B

AC																						
BD																						
SN																						

Ghost Snares

GHOST SNARE 1 - A

AC					^													
SN					5			8		10					13			16

GHOST SNARE 1 - B

AC					^													
SN					5			8		10					13			

GHOST SNARE 2 - A

AC										^								
SN		2				5			8						13			16

GHOST SNARE 2 - B

AC															^			
SN		2				5					10				13			16

House

DIRTY HOUSE

AC																								
BD	1				3						5			9		11		13				16		
SN											5										13			
CL						3									5			9		11			13	
CH																				11				16
OH							3													11				15

DEEP HOUSE

BD	1													5				9					13		
CL																									13
CH																									
OH																									15

DEEPER HOUSE

BD	1																								13		
CL																											
MT																											
SH																											
OH																											15

House

SLOW DEEP HOUSE

	BD	1						5												
	CL							5												
	SH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
	CH																			
	RS	1	2	3	4															

FOOTWORK - A

	BD	1			4			7		9		12								
	CL																			
	CH			3																
	RS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			

FOOTWORK - B

	BD	1			4			7		9		12								
	CL																			
	CH			3																
	RS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			

Breaks - Snare

UNCONVENTIONAL SNARE 2 - B

	AC							5												
	BD	1						5												
	SN			8				13												

UNCONVENTIONAL SNARE 3 - A

	AC							5												
	BD	1						5												
	SN							11												

UNCONVENTIONAL SNARE 3 - B

	AC							5												
	BD	1						5												
	SN							8												

UNCONVENTIONAL SNARE 4 - A

	AC							5												
	BD	1						3												
	SN							5												

UNCONVENTIONAL SNARE 4 - B

	AC							5												
	BD							3												
	SN							1												

Breaks - Snare

CONTEMPORARY SNARE 3 - A

AC	^				^		^			^									
BD	1						7												15
SN					5					11					14				16

CONTEMPORARY SNARE 3 - B

AC	^				^		^			^									
BD	1			4			7												15
SN					5					11									

UNCONVENTIONAL SNARE 1 - A

AC										^									^
BD	1				5					11									
SN									9										15

UNCONVENTIONAL SNARE 1 - B

AC					^		^			^					^				
BD	1						7			11									
SN					5														13

UNCONVENTIONAL SNARE 2 - A

AC					^					^									
BD	1																		13
SN					5				9					12					

Miami Bass

MIAMI BASS - A

BD	1									7										
SN									5										13	
CH	1			3	4	5				7	8	9			11	12	13		15	16

MIAMI BASS - B

BD	1									7					11				14	
SN									5										13	
CH	1			3	4	5				7	8	9			11	12	13		15	16

SALLY

BD	1									7					11				15	
SN									5										13	
LT	1									7					11				15	
CH	1			3		5				7			9		11				13	15

			13					10				5					SN
															3		BD
			∨			∨						∨					AC

CONTEMPORARY SNARE 2 - B

			13									5					SN
															1	3	BD
			∨			∨						∨					AC

CONTEMPORARY SNARE 2 - A

			13					10				7					SN
															3		BD
			∨			∨						∨					AC

CONTEMPORARY SNARE 1 - B

								10				5					SN
															1		BD
			∨			∨						∨					AC

CONTEMPORARY SNARE 1 - A

Breaks - Snare

			13									5					SN
															1	3	BD

HIP HOP 3 - A

			13					10				5					SN
															1	8 9	BD

HIP HOP 2 - B

			13									5					SN
															1	8 9 10	BD

HIP HOP 2 - A

			13									5					SN
															1	8	BD

HIP HOP 1 - B

			13									5					SN
															1	7 8	BD

HIP HOP 1 - A

Hip Hop

Rolling Breaks

ROLLING 9 - A

AC				^						^		
BD	1					9		11				
SN				5						13		

ROLLING 9 - B

AC				^						^		
BD	1	2				9		11				
SN				5						13		

ROLLING 10

AC				^						^		
BD	1					9				12		
SN				5						13		

ROLLING 11

AC				^						^		
BD	1				6	7		10	11			
SN				5						13		

Hip Hop

HIP HOP 3 - B

BD	1		3					9	10		12	
SN					5						13	

HIP HOP 4 - A

BD	1			4				8	10	11			16
SN					5						13		

HIP HOP 4 - B

BD	1		3					8	9	10	11		
SN					5							13	

HIP HOP 5

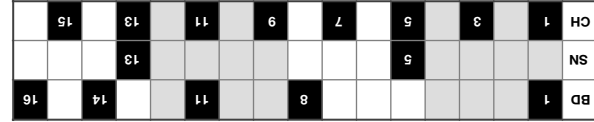
BD	1		3					8	9		11			16
SN					5							13		

HIP HOP 6

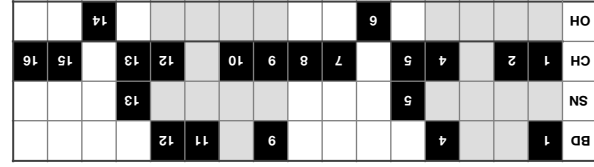
BD	1		3							11	12			16
SN					5							13		
CH	1		3		5		7		9		11		13	15

Hip Hop

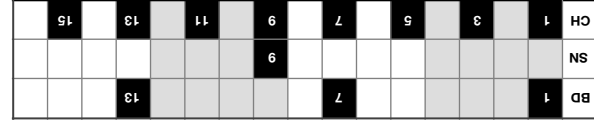
HIP HOP 7



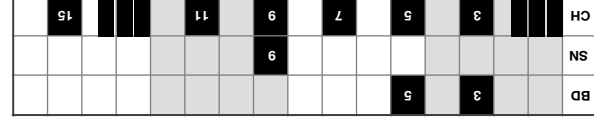
HIP HOP 8



TRAP - A

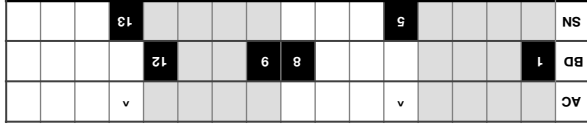


TRAP - B

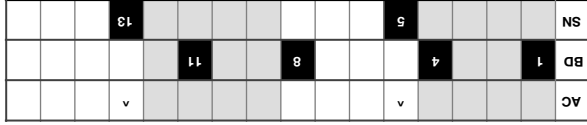


Rolling Breaks

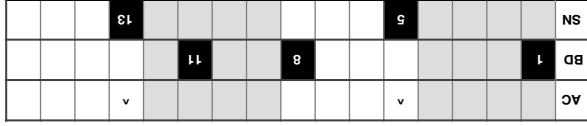
ROLLING 7 - A



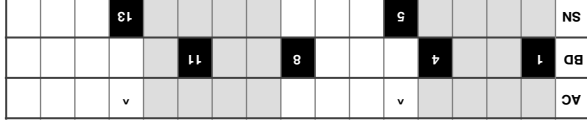
ROLLING 7 - B



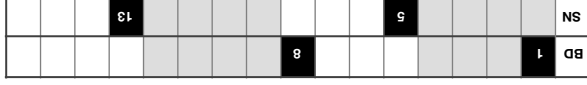
ROLLING 7 - C



ROLLING 7 - D



ROLLING 8



Rolling Breaks

ROLLING 4 - B

AC						^									^				
BD	1								8			10	11						
SN						5											13		

ROLLING 5 - A

AC							^												
BD	1			3									11						
SN							5											13	

ROLLING 5 - B

AC							^												
BD	1					4							11						
SN							5											13	

ROLLING 6 - A

AC							^												
BD	1										7				12				
SN							5											13	

ROLLING 6 - B

AC							^												
BD	1			3							8			11				14	
SN							5											13	

Funk and Soul

AMEN BREAK - A

BD	1			3												11	12		
SN									5		8			10				13	
CH	1			3							7			9		11			15

AMEN BREAK - B

BD	1			3												11	12		
SN											8			10				13	
CH	1			3							5			7		9		11	
RS																			15

AMEN BREAK - C

BD	1			3												11			
SN											8			10				13	
CH	1			3							5			7		9		11	
RS																			15

AMEN BREAK - D

BD	1			3												11			
SN			2								5		8		10				15
CH	1			3							5			7		9			13
CY																	11		

Funk and Soul

THE FUNKY DRUMMER

																				OH
BD	1		3						5											CH
SN									5											
CH	1	2	3	4	5	6	7		8	9	10	11	12	13	14	15	16			

IMPEACH THE PRESIDENT

																				OH
BD	1								5											CH
SN									5											
CH	1	3						7	8	9										CH

WHEN THE LEEVE BREAKS

																				OH
BD	1	2							5											SN
SN									5											
CH	1	3						7		9										CH

IT'S A NEW DAY

																				OH
BD	1		3																	SN
SN																				
CH	1		3						5											CH

Rolling Breaks

ROLLING 1

AC		v							v											
BD	1																			
SN									5											

ROLLING 2

BD	1																			
SN									5											
BD	1																			

ROLLING 3 - A

BD	1																			
SN									5											
BD	1																			

ROLLING 3 - B

BD	1																			
SN									5											
BD	1																			

ROLLING 4 - A

AC		v							v											
BD	1																			
SN									5											

Irregular Breaks

IRREGULAR 1 - A

BD	1		3	4		7			11						
SN				5		8					13			16	

IRREGULAR 1 - B

AC															^
BD	1		3			8			11						
SN				5							13			16	

IRREGULAR 2 - A

BD	1					8			11						
SN				4							13				

IRREGULAR 2 - B

BD	1		3			7			11						
SN				5			9				13				

IRREGULAR 3

BD	1			4				9						15	
SN		2			5				11				14		

Funk and Soul

THE BIG BEAT

BD	1			4		7		9							
SN					5								13		
HC					5								13		

ASHLEY'S ROACHCLIP

BD	1		3			7		9	10						
SN					5								13		
CH	1		3		5	7		9					13		15
OH											11				
CB	1		3		5	7		9		11			13		15

PAPA WAS TOO

BD	1						8	9		11					16
SN						5							13		
CH						5			9		11		13		15 16
CY						5									

SUPERSTITION

BD	1				5			9				13			
SN					5							13			
CH	1		3		5		7	8	9	10	11		13		15 16

Atro-Cuban

SON CLAVE

BD	1	4	5	8	9	12	13	16
RS	1	4	7	11	12	13	14	15
CY	1	2	3	4	5	6	7	8

RUMBA

BD	1	4	5	8	9	12	13	16
RS	1	4	8	11	12	13	14	15
CY	1	2	3	4	5	6	7	8

BOSSA NOVA

BD	1	4	5	8	9	12	13	16
RS	1	4	7	11	12	13	14	15
CY	1	2	3	4	5	6	7	8

Hybrid Breaks...

↳ OR FOLLOW WITH HYBRID BREAK ENDING 5

BD	1	3	9	11	13
SN	5				

↳ OR FOLLOW WITH HYBRID BREAK ENDING 6

BD	1	6	8	10	11	13
SN	5					

HYBRID KICK 7 - A

BD	1	3	9	11	13
SN	5				

↳ FOLLOW WITH HYBRID BREAK 7 - B

BD	1	2	9	11	13
SN	5				

HYBRID 8 - A

BD	1	9	11	13
SN	5			

↳ FOLLOW WITH HYBRID BREAK 8 - B

BD	1	2	9	11	13
SN	5				

Hybrid Breaks With Alternate Endings

HYBRID KICK

BD	1									9					
SN					5								13		

↳ FOLLOW WITH HYBRID BREAK ENDING 1

BD	1										11				
SN					5					10			13		

↳ OR FOLLOW WITH HYBRID BREAK ENDING 2

BD	1						7		9				12		
SN					5								13		

↳ OR FOLLOW WITH HYBRID BREAK ENDING 3

BD	1							8			11				
SN					5								13		

↳ OR FOLLOW WITH HYBRID BREAK ENDING 4

BD	1										10				
SN					5								13		

Afro-Cuban

GAHU

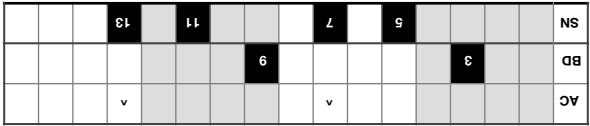
BD	1					5				9				13		15	
RS				3	4			7	8			11	12			15	16
CB	1				4			7				11				15	

SHIKO

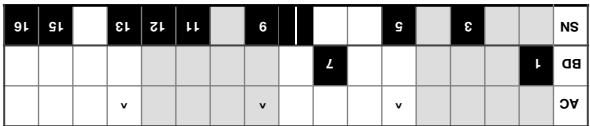
BD	1					5		7		9				13		15	
RS				3	4			7	8			11	12			15	16
CB	1					5		7				11		13			

SOUKOUS

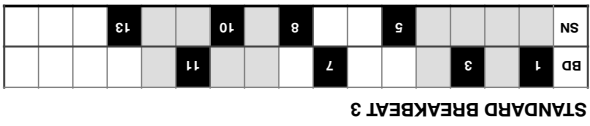
BD	1					5				9				13		15
RS	1				4			7		9				12		15
CB	1			4				7			10	11				



STANDARD BREAKBEAT 1



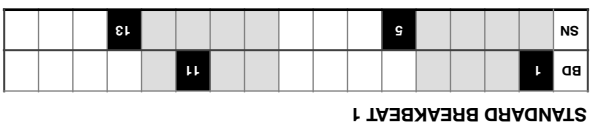
STANDARD BREAKBEAT 2



STANDARD BREAKBEAT 3

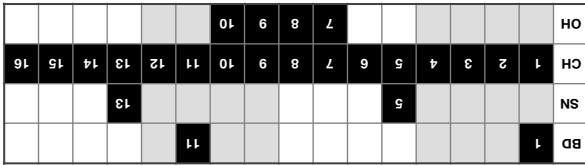


POLYRHYTHMIC - A

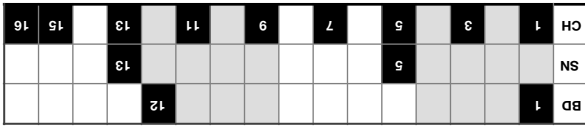


POLYRHYTHMIC - B

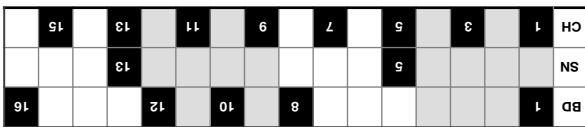
Breaks



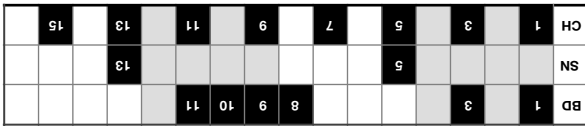
DRUM AND BASS 1 - A



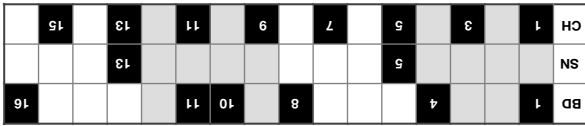
DRUM AND BASS 1 - B



DRUM AND BASS 2 - A



DRUM AND BASS 2 - B



DRUM AND BASS 3

Drum and Bass

Dub

HALF DROP

BD	1																		
SN								9											
CH	1		3		5		7		9		11		13		15				

ONE DROP

BD								9											
SN								9											
CH	1		3		5		7		9		11		13		15				

TWO DROP

BD	1							9											
SN								9											
CH	1		3		5		7		9		11		13		15				

STEPPERS

BD	1				5			9				13							
SN								9											
CH	1		3		5		7		9		11		13		15				

Drum and Bass

DRUM AND BASS 4 - A

BD	1							7											
SN							5					11		13					
CH	1		3		5		7		9		11		13		15				
OH	1																		

DRUM AND BASS 4 - B

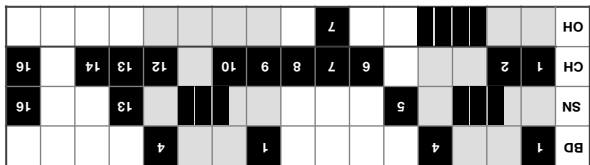
BD						5						11							
SN						5								13					
CH	1		3		5		7		9		11		13		15				
OH																			

JUNGLE - A

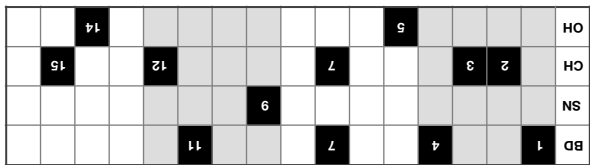
BD	1		3									11							
SN							5			8		10							15
CH	1		3		5		7		9		11		13		15				
OH	1																		

JUNGLE - B

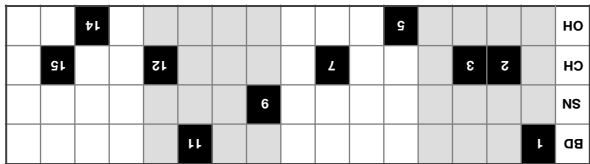
BD		2	3										11						
SN		2					5			8		10							15
CH	1		3		5		7		9		11		13		15				



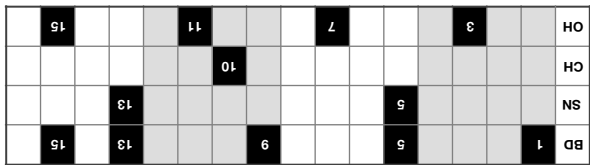
DUBSTEP 2 - RATCHETED



DUBSTEP 1 - B

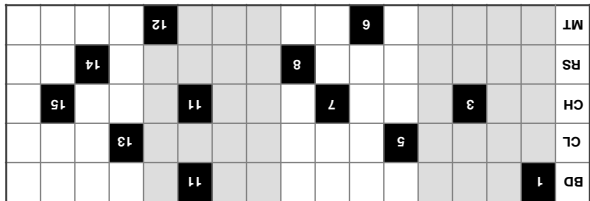


DUBSTEP 1 - A

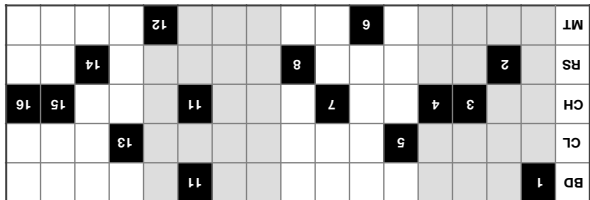


TECHNO

EDM



UK GARAGE - B



UK GARAGE - A

EDM