The Rhythm Generator

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1-Bar Groupings of 2 and 3 in 4/4

A. 3 + 3 + 2

B. 3 + 2 + 3

C. 2 + 3 + 3

Subdivisions - Possibilities within Groups of 2 and 3

1. none	4. 3rd group	7. groups 2, 3
2. 1st group	5. groups 1, 2	8. all groups
3. 2nd group	6. groups 1, 3	

Rests - Possibilities within Groups of 2 and 3

t) none	w) 3rd group	z) groups 2, 3
u) 1st group	x) groups 1, 2	
v) 2nd group	y) groups 1, 3	

Using a pencil, write in a combination of 1- bar groupings, subdivisions & rests:

1. Choose one of each category

Group	Subdivision	Rests
(A-C)	(1-8)	(t-z)
+	+	

2. Underline groups to be subdivided

3. Erase groups where rests take place

4. Play your rhythm both in 8th notes (or 16th notes for more advanced players)

2-Bar Groupings of 2 and 3 in 4/4

A. 3 + 3 + 3 + 3 + 2 + 2

B. 3 + 3 + 3 + 2 + 2 + 3

C. 3 + 3 + 2 + 2 + 3 + 3

D. 3 + 2 + 2 + 3 + 3 + 3

E. 2 + 2 + 3 + 3 + 3 + 3

F. 3 + 3 + 3 + 2 + 3 + 2

G. 3 + 3 + 2 + 3 + 2 + 3

H. 3 + 2 + 3 + 2 + 3 + 3

I. 2 + 3 + 2 + 3 + 3 + 3

J. 3 + 3 + 2 + 3 + 3 + 2

K. 3 + 2 + 3 + 3 + 2 + 3

L. 2 + 3 + 3 + 2 + 3 + 3

M. 3 + 2 + 3 + 3 + 3 + 2

N. 2 + 3 + 3 + 3 + 2 + 3

O. 2 + 3 + 3 + 3 + 3 + 2

Subdivisions - Possibilities within Groups of 2 and 3 over 2 bars in 4/4

1. none

2. 1st group

3. 2nd group

4. 3rd group

5. 4th group

6. 5th group

7. 6th group

8. groups 1, 2

9. groups 1, 3

10. groups 1, 4

11. groups 1, 5

12. groups 1, 6

13. groups 2, 3

14. groups 2, 4

15. groups 2, 5

16. groups 2, 6

17. groups 3, 4

18. groups 3, 5

19. groups 3, 6

20. groups 4, 5

21. groups 4, 6

22. groups 5, 6

23. groups 1, 2, 3

24. groups 1, 3, 4

25. groups 1, 5, 6

26. groups 1, 2, 4

27. groups 1, 2, 5

28. groups 1, 2, 6

29. groups 1, 3, 5

30. groups 1, 3, 6

31. groups 1, 4, 5

32. groups 1, 4, 6

33. groups 2, 3, 4

34. groups 2, 4, 5

35. groups 2, 5, 6

36. groups 2, 4, 6

37. groups 2, 3, 5

38. groups 2, 3, 6

39. groups 3, 4, 5

40. groups 3, 5, 6

41. groups 3, 4, 6

42. groups 4, 5, 6

43. groups 1, 2, 3, 4	51. groups 1, 3, 5, 6	59. groups 1, 2, 3, 4, 6
44. groups 1, 2, 3, 5	52. groups 1, 4, 5, 6	60. groups 1, 2, 3, 5, 6
45. groups 1, 2, 3, 6	53. groups 2, 3, 4, 5	61. groups 1, 2, 4, 5, 6
46. groups 1, 2, 4, 5	54. groups 2, 3, 4, 6	62. groups 1, 3, 4, 5, 6
47. groups 1, 2, 4, 6	55. groups 2, 3, 5, 6	63. groups 2, 3, 4, 5, 6
48. groups 1, 2, 5, 6	56. groups 2, 4, 5, 6	64. all groups
49. groups 1, 3, 4, 5	57. groups 3, 4, 5, 6	
50. groups 1, 3, 4, 6	58. groups 1, 2, 3, 4, 5	

Rests - Possibilities within Groups of 2 and 3 over 2 bars in 4/4

a)	none	q)	groups 3, 4	gg)	groups 2, 3, 4
b)	1st group	r)	groups 3, 5	hh)	groups 2, 4, 5
c)	2nd group	s)	groups 3, 6	ii)	groups 2, 5, 6
d)	3rd group	t)	groups 4, 5	jj)	groups 2, 4, 6
e)	4th group	u)	groups 4, 6	kk)	groups 2, 3, 5
f)	5th group	v)	groups 5, 6	ll)	groups 2, 3, 6
g)	6th group	w)	groups 1, 2, 3	mm)	groups 3, 4, 5
h)	groups 1, 2	x)	groups 1, 3, 4	nn)	groups 3, 5, 6
i)	groups 1, 3	y)	groups 1, 5, 6	oo)	groups 3, 4, 6
j)	groups 1, 4	z)	groups 1, 2, 4	pp)	groups 4, 5, 6
k)	groups 1, 5	aa)	groups 1, 2, 5	qq)	groups 1, 2, 3, 4
l)	groups 1, 6	bb)	groups 1, 2, 6	rr)	groups 1, 2, 3, 5
m)	groups 2, 3	cc)	groups 1, 3, 5	ss)	groups 1, 2, 3, 6
n)	groups 2, 4	dd)	groups 1, 3, 6	tt)	groups 1, 2, 4, 5
o)	groups 2, 5	ee)	groups 1, 4, 5	uu)	groups 1, 2, 4, 6
p)	groups 2, 6	ff)	groups 1, 4, 6	vv)	groups 1, 2, 5, 6

ww)	groups 1, 3, 4, 5	bbb)	groups 2, 3, 4, 6	ggg)	groups 1, 2, 3, 4, 6
xx)	groups 1, 3, 4, 6	ccc)	groups 2, 3, 5, 6	hhh)	groups 1, 2, 3, 5, 6
yy)	groups 1, 3, 5, 6	ddd)	groups 2, 4, 5, 6	iii)	groups 1, 2, 4, 5, 6
zz)	groups 1, 4, 5, 6	eee)	groups 3, 4, 5, 6	jjj)	groups 1, 3, 4, 5, 6
aaa)	groups 2, 3, 4, 5	fff)	groups 1, 2, 3, 4, 5	kkk)	groups 2, 3, 4, 5, 6

Using a pencil, write in a combination of 2- bar groupings, subdivisions & rests:

1. Choose one of each category

Group   Subdivision   Rests

(A-O)   (1-65)   (a-kkk)

    +   +   +   +   +

2. Underline groups to be subdivided

3. Erase groups where rests take place

4. Play your rhythm both in 8th notes

More advanced students can:

1. Also play the rhythms in 16th notes

2. Choose 2 combinations and link them back to back

3. Choose groups with more subdivisions (as in 43 to 64)

4. Choose groups with fewer rests (as in a to v)

5. Choose only a grouping and vary where the subdivisions (and rests) on the fly

6. Use a rhythm as a bass line, and have the melody address more of the subdivisions

7. Explore the permutations of only 1 rhythm through lots of different tempos and harmonic contexts