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## iRobot Education's Create 3

## **Note Frequencies for Python**

The following note values are for use in the Web Playground for Python.

## 2 5 7 10 12 14 17 15 22 24 25 25 25 25 25 25 26 25 25 27 28 30 32 33 35 37 39 40 42 44 45 47 49 51 52 54 56 57 59 61 63 64 66 68 69 71 73 75 76 78 80 81 83 85 87 8

Key #	Note	Hz	Constant
1	A <sub>o</sub>	27.50	
2	Α# <sub>0</sub> /Β <sub>0</sub>	29.14	
3	B <sub>0</sub>	30.87	
4	C <sub>1</sub>	32	C1
5	C# <sub>1</sub> /Db <sub>1</sub>	34	C1_SHARP
6	D <sub>1</sub>	36	D1
7	D# <sub>1</sub> /E♭ <sub>1</sub>	38	D1_SHARP
8	E <sub>1</sub>	41	E1
9	F <sub>1</sub>	43	F1
10	F# <sub>1</sub> /Gb <sub>1</sub>	46	F1_SHARP
11	G <sub>1</sub>	48	G1
12	G# <sub>1</sub> /Ab <sub>1</sub>	51	G1_SHARP
13	A <sub>1</sub>	55	A1
14	Α# <sub>1</sub> /Β <sub>2</sub>	58	A1_SHARP
15	B <sub>1</sub>	61	B1
16	C <sub>2</sub>	65	C2
17	C# <sub>2</sub> /Db <sub>2</sub>	69	C2_SHARP
18	D <sub>2</sub>	73	D2
19	D# <sub>2</sub> /Eb <sub>2</sub>	77	D2_SHARP
20	E <sub>2</sub>	82	E2
21	F <sub>2</sub>	87	F2
22	F# <sub>2</sub> /Gb <sub>2</sub>	92	F2_SHARP
23	G <sub>2</sub>	97	G2
24	$G\sharp_{2}/A\flat_{2}$	103	G2_SHARP
25	A <sub>2</sub>	110	A2
26	Α# <sub>2</sub> /Β <sub>2</sub>	116	A2_SHARP
27	B <sub>2</sub>	123	B2
28	C <sub>3</sub>	130	C3
29	C# <sub>3</sub> /Db <sub>3</sub>	138	C3_SHARP
30	$D_3$	146	D3

Key #	Note	Hz	Constant
31	D# <sub>3</sub> /Eb <sub>3</sub>	155	D3_SHARP
32	E <sub>3</sub>	164	E3
33	F <sub>3</sub>	174	F3
34	F# <sub>3</sub> /Gb <sub>3</sub>	184	F3_SHARP
35	G <sub>3</sub>	195	G3
36	G# <sub>3</sub> /Ab <sub>3</sub>	207	G3_SHARP
37	A <sub>3</sub>	220	А3
38	Α# <sub>3</sub> /Β <sub>2</sub>	233	A3_SHARP
39	$B_3$	246	В3
40	C <sub>4</sub>	261	C4
41	C# <sub>4</sub> /Db <sub>4</sub>	277	C4_SHARP
42	D <sub>4</sub>	293	D4
43	D# <sub>4</sub> /E♭ <sub>4</sub>	311	D4_SHARP
44	E₄	329	E4
45	F <sub>4</sub>	349	F4
46	F# <sub>4</sub> /G♭ <sub>4</sub>	369	F4_SHARP
47	G <sub>4</sub>	391	G4
48	$G\sharp_{_{4}}\!/A\flat_{_{4}}$	415	G4_SHARP
49	A <sub>4</sub>	440	A4
50	A# <sub>4</sub> /Bb <sub>4</sub>	466	A4_SHARP
51	$B_{_{4}}$	493	B4
52	C <sub>5</sub>	523	C5
53	C# <sub>5</sub> /Db <sub>5</sub>	554	C5_SHARP
54	D <sub>5</sub>	587	D5
55	D# <sub>5</sub> /E♭ <sub>5</sub>	622	D5_SHARP
56	E <sub>5</sub>	659	E5
57	F <sub>5</sub>	698	F5
58	F# <sub>5</sub> /G♭ <sub>5</sub>	739	F5_SHARP
59	G <sub>5</sub>	783	G5
60	G# <sub>c</sub> /Ab <sub>c</sub>	830	G5 SHARP

		Hz	Constant
61	A <sub>5</sub>	880	A5
62	Α# <sub>5</sub> /Β♭ <sub>5</sub>	932	A5_SHARP
63	B <sub>5</sub>	987	B5
64	C <sub>6</sub>	1046	C6
65	C# <sub>6</sub> /D♭ <sub>6</sub>	1108	C6_SHARP
66	D <sub>6</sub>	1174	D6
67	D# <sub>6</sub> /E♭ <sub>6</sub>	1244	D6_SHARP
68	E <sub>6</sub>	1318	E6
69	F <sub>6</sub>	1396	F6
70	F# <sub>6</sub> /G♭ <sub>6</sub>	1479	F6_SHARP
71	G <sub>6</sub>	1567	G6
72	G# <sub>6</sub> /Ab <sub>6</sub>	1661	G6_SHARP
73	$A_6$	1760	A6
74	Α# <sub>6</sub> /Β♭ <sub>6</sub>	1864	A6_SHARP
75	B <sub>6</sub>	1975	В6
76	C <sub>7</sub>	2093	C7
77	C# <sub>7</sub> /D♭ <sub>7</sub>	2217	C7_SHARP
78	D <sub>7</sub>	2349	D7
79	D# <sub>7</sub> /E♭ <sub>7</sub>	2489	D7_SHARP
80	E <sub>7</sub>	2637	E7
81	F <sub>7</sub>	2793	F7
82	F# <sub>7</sub> /G♭ <sub>7</sub>	2959	F7_SHARP
83	G <sub>7</sub>	3135	G7
84	G# <sub>7</sub> /A♭ <sub>7</sub>	3322	G7_SHARP
85	A <sub>7</sub>	3520	A7
86	Α# <sub>7</sub> /Β♭ <sub>7</sub>	3729	A7_SHARP
87	B <sub>7</sub>	3951	В7
88	C <sub>8</sub>	4186	C8

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