

Science Grabbers Xylophone

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What You Need:

1/2 " thinwall electrical conduit
tubing cutter or hack saw

What You Do:

1. Cut pieces of tubing to the following specifications. Accuracy is important. Measure, mark and cut as carefully as possible.

<u>Number</u>	<u>Note Name</u>	<u>Length of pipe (inches)</u>
1	B flat	13 3/8
2	B	13
3	C (middle)	12 5/8
4	C sharp	12 1/4
5	D	11 7/8
6	E flat	11 1/2
7	E	11 1/4
8	F	10 7/8
9	F sharp	10 5/8
10	G	10 1/4
11	A flat	9 7/8
12	A	9 5/8
13	B flat	9 3/8
14	B	9 1/8
15	C	8 7/8
16	C sharp	8 5/8
17	D	8 3/8
18	E flat	8 1/8
19	E	7 7/8
20	F	7 1/2

2. Play the song Happy Birthday.

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3 3 5 3 8 7
                    3 1

3 3 5 3 10 8
                1 3 3

3 3 15 12 8 7 5
            12 8 3 3 1
            8 3

13 13 12 8 10 8
8 8 8 3 7 3
5 5 3 3
  
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