

## Activity: Playing Tones with the RedBoard

### Use MATLAB to play the Happy Birthday Song on the RedBoard

#### Notes to the Happy Birthday Song

G4 G4 A4 G4 C5 B4  
G4 G4 A4 G4 D4 C4  
G4 G4 G5 E5 C5 B4 A4  
F5 F5 E5 C5 D5 C5

#### Frequencies to the Happy Birthday Song

392 392 440 392 523.3 493.9  
392 392 440 392 587 523  
392 392 784 659 525 493 440  
698 698 659 523 587 523

#### Conversion Table:

Reference this web site for a table that provides notes and frequencies

[seventhstring.com/resources/notefrequencies.html](http://seventhstring.com/resources/notefrequencies.html)

### Come up with your own tune!

#### Notes to my song:

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#### Frequencies to my song:

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