

Mount Carmel College Song



Note:	A	B	B	A	F-sharp	D	E	G	E	D
Beats:	3	2	1	3	2	1	2	1	1	2

Notes:

Programming software is available in the Arduino IDE at:

Open → 02. Digital → toneMelody

This will open 2 files:

1. toneMelody.ino and
2. pitches.h

The file “pitches.h” gives names to each of the notes. For example, the first **A** in the score above is NOTE_A3, and the **F-sharp** is NOTE_FS3. So, to play the first note in the score above, we could use an instruction like:

```
tone(8, NOTE_A3, 1000); // this assumes the speaker is on pin 8
```

The **toneMelody** program stores the notes in an array (called `melody[]`) and, for each note, there is a corresponding duration in a second array (called `noteDurations[]`).