

How to use the Tunes Command

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Below is how you get different LED's to flash while playing a tune. If you select from the Picaxe tunes folder, say the Flintstones Tune, it will have 'Flintstones tune 0,5, (\$6C etc. like in the example below. You need to change the first 0 to a 2 as the piezo is connected to outpin 2 on pat's V9 PCB. The second number changes the speed or the Tempo of the tune, bigger second number slower, smaller second number quicker. If you add a third number say 3, followed by a comma like in the example below, you get output pins 0,1 & 2 flashing. By changing the third number between 0, 1,2,3 you get different LED combination flashes. It is best to learn by experimenting and seeing what happens when you change each of the 3 numbers below. (Note- you must have commas after each number and start with 2 on the V9 board). See official explanation in the Picaxe help Section 2- Basic Commands (? Icon, Up top of Picaxe Programming Editor main screen) view Tunes, page 251. Also check out Play and Sounds explanations.

```
'Flintstones
```

```
tune 2, 5, 3,  
( $6C, $45, $6A, $4A, $47, $45, $6A, $45, $43, $42, $42, $43, $45, $6A, $40, $02, $45, $6A, $4A  
, $47, $45, $6A, $45, $45, $43, $42, $42, $43, $45, $6A, $40, $2A, $49, $42, $4A, $49, $49, $47  
, $46, $49, $47, $47, $40, $49, $49, $47, $47, $45, $44, $47, $45, $45, $6A, $4A, $47, $45, $6A  
, $45, $43, $42, $42, $43, $45, $6A, $40, $42, $43, $45, $6A, $40, $42, $43, $45, $4A, $50, $4A  
)
```

By changing the third number between 0, 1,2,3 you get different LED combination flashes.

The second number changes the speed or the Tempo of the tune, bigger second number slower, smaller second number quicker.

Ensure the first number if 0 is changed to 2 to hear the sound on Piezo Sounder.