

- 14 ...
- 13 ...
- 12 F
- 11 E
- 10 D# / Eb
- 9 D
- 8 C# / Db
- 7 C
- 6 B
- 5 A# / Bb
- 4 A
- 3 G# / Ab
- 2 G
- 1 F# / Gb
- 0 F

Key start = 0

~ Major Scale ~

(0 2 4 5 7 9 11):  $\frac{1}{2}$  steps

(1 2 3 4 5 6 7): Scale

(F G A Bb C D E): Note

~ Minor Scale ~

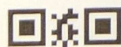
Names

{ 0 2 3 5 7 8 10

1 2 3b 4 5 6b 7b

F G Ab Bb C Db Eb }

Range: 0 Through 25



Rules: No parallel or similar 5<sup>th</sup> or 8<sup>th</sup>

No "obvious" dissonances

2, 4, dim 5, 7<sup>th</sup>, 9, 11

Start @ 5<sup>th</sup> or 8<sup>th</sup>

End : 6  $\rightarrow$  8 Always

There are more rules. See textbook

Output: LilyPond File. See example

Choosing a note depends on what  
is underneath and before. Melodic + Harmonic  
rules





5<sup>th</sup> mix of 1, 2, 4

Version 1

- Specify key center
- Specify length
- Specify species type (1, 2, 4, 5)

↳ Generate Code

Version 2

- Also specify Cantus (bottom voice)
- Use minor keys

