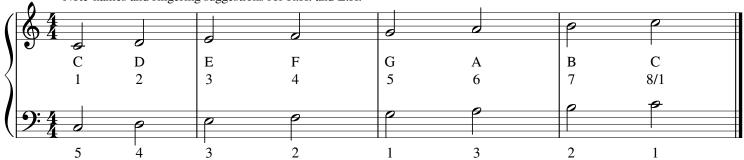
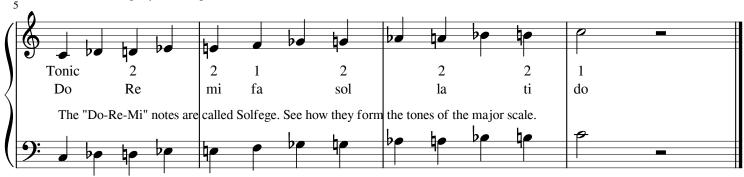
## Major Keys (Ionian Mode): 1 Organizing Principle for Tonal Music (Use this page as a template/reference for all 15 keys)

**JimO** 

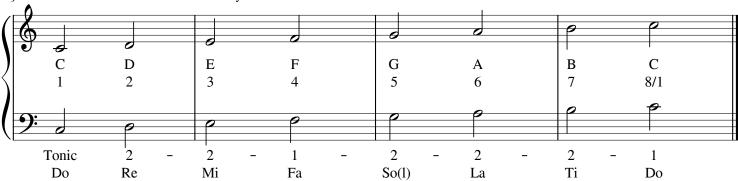
1. Begin with the scale. Here is the standard C major scale. Note-names and fingering suggestions for R.H. and L.H.



2. The half-step (1) whole-step (2) formula. Tonic-2-2-1-2-2-1. Notice the slightly uneven pattern of the notes.



- 3. We now have 4 ways to describe the major scale: 1. Note-Names of a given key.
- 2. Simple numbers (1-8) 3. The Half-step/Whole-step formula and 4. Solfege moveable "Do" system.



4. Each of these learning/numbering/naming systems are used by musicians for various purposes. They help us "pick-out" the scales on the piano. The numbers are used in chord building and harmonizing. Solfege is used in voice-training. The half-whole math formula helps explain the underlying structure of our basic reference scale for Western tonal Music. Whew!!! Lots of words! 13

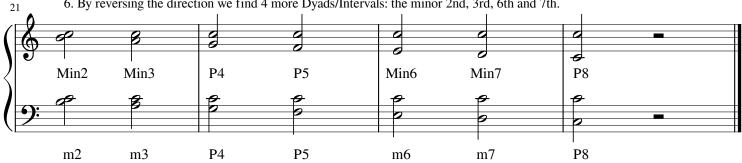
(	1				•
1	9	)			
<		Let's go to the next pag	e and start working with these lear	ning systems. Starting with a basic	DYAD/INTERVAL grid:
1	_	•			
(	7	•			

5. Starting with the "Tonic" or "Keytone" place an ascending scale next to a Tonic "partner." These are the "Tonal Dyads" for the key. That means they are "in the key" or "Diatonic" Notice the different names.\*

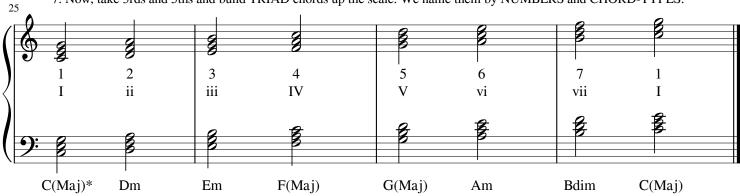


\*(In standard useage we use "M" for major, "m" for minor, and just refer to the Octaves, Unisons and Perfect intervals by number.)

6. By reversing the direction we find 4 more Dyads/Intervals: the minor 2nd, 3rd, 6th and 7th.



7. Now, take 3rds and 5ths and build TRIAD chords up the scale. We name them by NUMBERS and CHORD-TYPES.



\*(Major chords are simply represented by a Capital letter. Lower case letters are used for minor chords.)

8. By placing 5ths in the L.H. and running 3rds in the R.H., called an OPEN voicing, a strong sound results. Take them for a spin. This is a traditional sound used in Classical, church and pop music.

