HOW TO READ NOTES AND FIND THEM ON THE PIANO
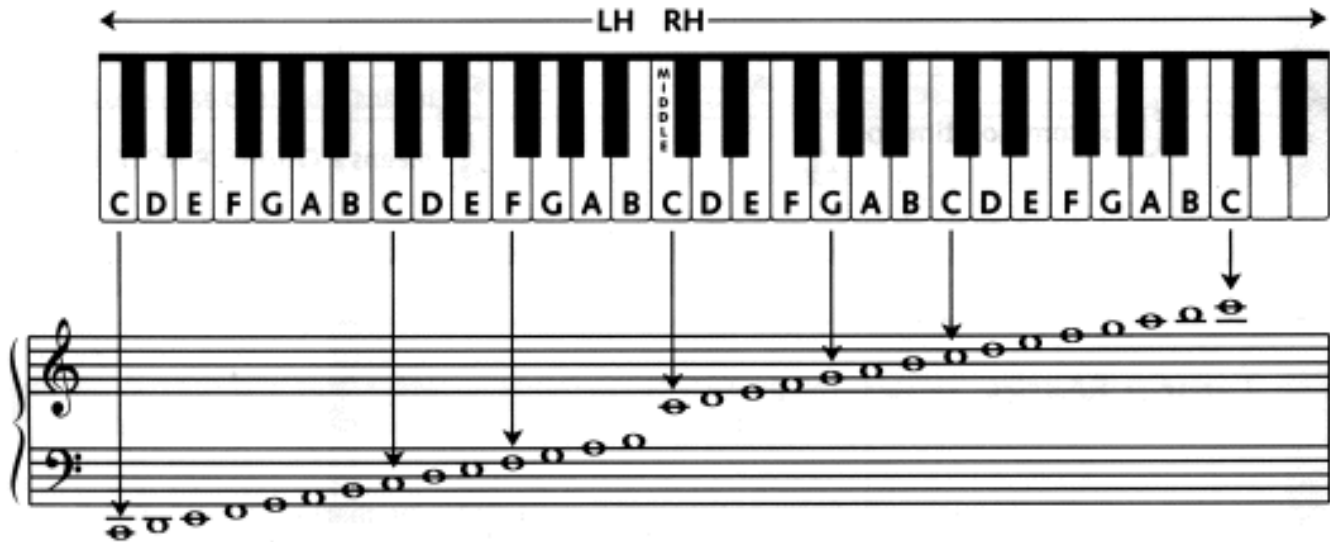

NOTE: MIDDLE C IS ALSO CALLED C4 SINCE IT IS THE 4TH C AS YOU MOVE UP A FULL SIZED PIANO KEYBOARD

FREQUENCIES OF NOTES

Note				
A3	=	220 HZ		= 220 HZ
A3 sharp	= $\sqrt[12]{2}$ x 220 HZ	=	1.059463 x 220 HZ	= 233.08 HZ
B3	= $\sqrt[12]{2}$ x 233.08 HZ	=	1.059463 x 233.08 HZ	= 246.94 HZ
C4	= $\sqrt[12]{2}$ x 246.94 HZ	=	1.059463 x 246.94 HZ	= 261.63 HZ (MIDDLE C)
C4 sharp	= $\sqrt[12]{2}$ x 261.63 HZ	=	1.059463 x 261.63 HZ	= 277.18 HZ
D4	= $\sqrt[12]{2}$ x 277.18 HZ	=	1.059463 x 277.18 HZ	= 293.66 HZ
D4 sharp	= $\sqrt[12]{2}$ x 293.66 HZ	=	1.059463 x 293.66 HZ	= 311.13 HZ
E4	= $\sqrt[12]{2}$ x 311.13 HZ	=	1.059463 x 311.13 HZ	= 329.63 HZ
F4	= $\sqrt[12]{2}$ x 329.63 HZ	=	1.059463 x 329.63 HZ	= 349.23 HZ
F4 sharp	= $\sqrt[12]{2}$ x 349.23 HZ	=	1.059463 x 349.23 HZ	= 369.99 HZ
G4	= $\sqrt[12]{2}$ x 369.99 HZ	=	1.059463 x 369.99 HZ	= 392 HZ
G4 sharp	= $\sqrt[12]{2}$ x 392 HZ	=	1.059463 x 392 HZ	= 415.30 HZ
A4	= $\sqrt[12]{2}$ x 415.30 HZ	=	1.059463 x 415.30 HZ	= 440 HZ (THE STANDARD)
A4 sharp	= $\sqrt[12]{2}$ x 440 HZ HZ	=	1.059463 x 440 HZ	= 466.16 HZ
B4	= $\sqrt[12]{2}$ x 466.16 HZ	=	1.059463 x 466.16 HZ	= 493.88 HZ
C5	= $\sqrt[12]{2}$ x 493.88 HZ	=	1.059463 x 493.88 HZ	= 523.25 HZ

NOTICE THAT DOUBLING THE FREQUENCY OF ANY NOTE ALWAYS GIVES YOU THE NOTE ONE OCTAVE HIGHER
WHENEVER TWO NOTES INTERACT THEY GENERATE BOTH THE SUM AND DIFFERENCE OF THEIR FREQUENCIES
THESE ADDITIONAL FREQUENCIES ARE WHAT WE HEAR AS EITHER HARMONY OR DISSONANCE